

WATER SAMPLE SHEET

Flow

Site Name: Em-WTP County: Eagle

Water Sample ID #: EM-WTP - 1 - 23 - 001
Site Name (initials) - Trip number - Year - Sample # - Sample Type

Date: 4 / 20 / 23 Time: 11 : 00 Sampler(s): CV/AG
yr mo day

UTM: -106.4036^N E 39.86091 N Zone: Elevation: 8163' AMSL

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: 2" Snow Day before

Water Description: Orange
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 158 :gpm Measurement Method: Estimate OR Standing water

pH: 5.93 Conductivity: 2,830 μ S Temperature: 15.1 °C

Dissolved Oxygen: 1.79 ppm ORP: _____

Slope of pH Cal Curve: PH 4 BUFFER 3.98 Conductivity Standard reading: 1411

ORP Standard Reading: _____

Describe Water Sample Location: Vault above Pit lake, Water surface
~ 5ft down. Combined influent from mines in
area

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): Flow provided by
Dave Hendrichs, Plant Operator. Estimate based on
height of water in vault?

WATER SAMPLE SHEET

Site Name: Eagle WTP County: Eagle

Water Sample ID #: EM-WTP - ⁰²~~00~~ - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 25 / 23 Time: 10 : 00 Sampler(s): CV, AG, CD
mo day yr

UTM: -106.46356W E 39.56091 N Zone _____ : Elevation: 8163'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 160 :gpm Measurement Method: inline m/s OR Standing water

pH: 5.14 Conductivity: 2660 μ S Temperature: 17.4 °C

Dissolved Oxygen: 2.85 ppm ORP: _____

Slope of pH Cal Curve: 4.01 ^{calc std} Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Eagle WTP County: Eagle

Water Sample ID #: EM-WTP - 03 - 23-001
Site Name (initials) - Trip number - Year - Sample #

Date: 8 / 2 / 23 Time: 9 : 30 Sampler(s): Ag + NY
mo day yr

UTM: -106.40356 ^WE 39.56091 N Zone _____ : Elevation: 8163'

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: Rain past few days

Water Description: Slight orange color
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 165 :gpm Measurement Method: Inline ^{now} OR Standing water _____

pH: 5.48 Conductivity: 2928 μ S Temperature: 18 °C

Dissolved Oxygen: 2.61 ppm ORP: _____

Slope of pH Cal Curve: 4 std = 3.98 Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: EM-WTP County: Eagle

Water Sample ID #: EM-WTP - 04 - 23 001
Site Name (initials) - Trip number - Year - Sample #

Date: 9 / 29 / 23 Time: 10 : 36 Sampler(s): Charlie Doff
mo day yr Nancy Yang

UTM: -106,40356 E 39.56094 N Zone: Elevation: 8163'

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: yellow, little murky
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____:gpm Measurement Method: _____ OR Standing water _____

pH: 5.87 Conductivity: 3.04 μ S Temperature: _____ °C

Dissolved Oxygen: 1.53 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Engle WTP County: Engle

Water Sample ID #: EWTP - 1 - 241
Site Name (initials) - Trip number - Year - Sample #

Date: 05/07/24 Time: 10:40 Sampler(s): AG, MS, EJ
mo day yr

UTM: -106.40356 E 39.56091 N Zone: _____ Elevation: 8163'

Current Weather: Snow, Sun Intensity: High, Med, Low

Previous Weather: not snow

Water Description: slightly turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 145 :gpm Measurement Method: _____ OR Standing water

pH: 5.26 Conductivity: 2500 μ S Temperature: 14.0 °C

Dissolved Oxygen: 1.81 ppm ORP: _____

pH standard reading: 3.97 Conductivity Standard reading: 1429

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Eagle plant County: Eagle

Water Sample ID #: EWTP-24-01 Date: 24/05/30 Time: 10:50
Site Name (initials)-Year- Sample # yr mo day

UTM: 106.40356 ^W_E 39.56091 N Zone NY Sampler(s): NY

Elevation: 8163' amsl ± 7'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 225 :gpm Measurement Method: _____ OR Standing water

pH: 5.92 Conductivity: 2940 μ S Temperature: 17.6 °C

Dissolved Oxygen: 2.13 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Eagle WTP County: Eagle

Water Sample ID #: EWTP - 03 - 24-01
Site Name (initials) - Trip number - Year - Sample #

Date: 6 / 13 / 24 Time: ____:____ Sampler(s): AG
mo day yr

UTM: 106.40356 E 39.56091 N Zone ____: Elevation: 8163 amsl ± 7'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 230 :gpm Measurement Method: _____ **OR** Standing water

pH: 5.88 Conductivity: 2.89 ^{µS}/_{µS} Temperature: 19.1 °C

Dissolved Oxygen: 1.48 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1390

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Eagle WTP County: Eagle
Water Sample ID #: EWTP-4-24-1 Date: 24/06/28 Time: 10:00 am
Site Name (initials)-Year- Sample # yr mo day

UTM: -106.4035E 29.5609 N Zone: Sampler(s): CV, NY, EJ

Elevation: 8163'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: orange
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 195 :gpm Measurement Method: _____ OR Standing water _____

pH: 6.10 Conductivity: 2005 μ S Temperature: 6.9 $^{\circ}$ C

Dissolved Oxygen: 1.74 ppm Alkalinity: _____ ppm CaCO_3
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: ~~# E~~ WTP EWTP County: Eagle

Water Sample ID #: EWTP - 5 - 24 - 1

Site Name (initials) - Trip number - Year - Sample #

Date: 7 / 26 / 24 Time: 8 : 54 Sampler(s): Charlie Depp
mo day yr

UTM: -106.4036 E 39.56091 N Zone: Elevation: 8163'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: orange
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 146 :gpm Measurement Method: _____ OR Standing water _____

pH: 5.84 Conductivity: ~~11.7~~ 2.75 3.28 μ S Temperature: 19.7 °C

Dissolved Oxygen: 2.08 ppm ORP: _____

pH standard reading: 4.07 Conductivity Standard reading: 1434

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: EM - GWN County: Eagle

Water Sample ID #: EM - GWN - 1 - 23 - 001
Site Name (initials) - Trip number - Year - Sample # - Sample Type

Date: 4 / 20 / 23 Time: 11 : 00 Sampler(s): AG/av
yr mo day

UTM: -10p 40864 E 39.56746 N Zone: Elevation: 8006' amsl

Current Weather: Partly cloudy, Sun Intensity: High, Med, Low

Previous Weather: 2" snow Day before

Water Description: film on water surface, clear water in NW
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.) Turns orange within few hr.

Flow volume: :gpm Measurement Method: OR Standing water

pH: 6.39 Conductivity: 2,200 μ S Temperature: 11.1 °C

Dissolved Oxygen: 2.95 ppm ORP:

Slope of pH Cal Curve: Conductivity Standard reading: 1411

ORP Standard Reading:

Describe Water Sample Location: Vault at North GW extraction trench.
Water surface ~10' down

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Eagle Groundwater **County:** Eagle

Water Sample ID #: EM - GW - 02 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 25 / 23 **Time:** 10 : 00 **Sampler(s):** CV, AG, CD
mo day yr

UTM: -106.40804 E 29,56749 N **Zone** _____ : **Elevation:** 8006'

Current Weather: _____, **Sun Intensity:** High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____ :gpm **Measurement Method:** _____ **OR** Standing water ~~X~~

pH: 6.54 **Conductivity:** 2,430 μ S **Temperature:** 13.4 °C

Dissolved Oxygen: 2.21 ppm **ORP:** _____

Slope of pH Cal Curve: chk std **Conductivity Standard reading:** _____
4.01

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Eagle GW County: Eagle

Water Sample ID #: EM-GWN-03-23-001

Site Name (initials) - Trip number - Year - Sample #

Date: 8 / 2 / 23 Time: 9 : 30 Sampler(s): AG + NY
mo day yr

UTM: -106.40804 E 39.56746 N Zone: Elevation: 8006'

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: Rain for past 2-3 days

Water Description: Slight orange film on top of water
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: turnup :gpm Measurement Method: OR Standing water X

pH: 6.52 Conductivity: 2560 μ S Temperature: 14.5 °C

Dissolved Oxygen: 2.91 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: 1292

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: EM-GW County: Page

Water Sample ID #: EM-GW-04-23-001
Site Name (initials) - Trip number - Year - Sample #

Date: 09/29/23 Time: 10:30 Sampler(s): Charlie Depp
mo day yr Nancy Yang

UTM: -106.40804 E 39.56746 N Zone: Elevation: 8006'

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather:

Water Description: yellow/orange very murky
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: :gpm Measurement Method: **OR** Standing water

pH: 6.56 Conductivity: 2.85 μ S Temperature: °C

Dissolved Oxygen: 5.21 ppm ORP:

Slope of pH Cal Curve: Conductivity Standard reading:

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Eagle GWN County: Eagle

Water Sample ID #: EGWN - 1 - 241
Site Name (initials) - Trip number - Year - Sample #

Date: 05/07/24 Time: 11:40 Sampler(s): AG, MS, ES
mo day yr

UTM: -106.40804 E 39.56746 N Zone: Elevation: 8000'

Current Weather: Snow, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: clear @ collection
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____:gpm Measurement Method: _____ OR Standing water _____

pH: 6.33 Conductivity: 2500 μ S Temperature: 8.8 °C

Dissolved Oxygen: 2.48 ppm ORP: _____

pH standard reading: 3.97 Conductivity Standard reading: 1429

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Eagle Groundwater **County:** Eagle

Water Sample ID #: EG-WN-02-24-01 **Date:** 2024 / 05 / 30 **Time:** 10:40
Site Name (initials)-Year- Sample # **yr mo day**

UTM: 106.40804^W 39.56746^N Zone : Sampler(s): NY

Elevation: 8009 ft amsl

Current Weather: clear, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: NA:gpm Measurement Method: NA **OR** Standing water

pH: 6.52 Conductivity: 2720 μS Temperature: 11.7 $^{\circ}\text{C}$

Dissolved Oxygen: 2.42 ppm Alkalinity: Lab ppm CaCO₃
(pH ≥ 4.5)

Acidity: Lab

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Eagle GW County: Eagle

Water Sample ID #: EGW - 03 - 24-01
Site Name (initials) - Trip number - Year - Sample #

Date: 06 / 13 / 24 Time: ____:____ Sampler(s): AG
mo day yr

UTM: 106.40804 E 39.56746 N Zone ____: Elevation: 8009ft amsl

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: N/A :gpm Measurement Method: _____ OR Standing water _____

pH: 6.45 Conductivity: 2680 2720 μ S Temperature: 12.6 °C
6.52

Dissolved Oxygen: 4.75 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1390

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Eagle Groundwater County: Eagle

Water Sample ID #: EGWN-4-24-1 Date: 24/6/28 Time: 8:10 00
Site Name (initials)-Year- Sample # yr mo day

UTM: 106.40804 E 39.56746 N Zone: Sampler(s): CV, NY, EJ

Elevation: 8006'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____ gpm Measurement Method: _____ OR Standing water _____

pH: 6.41 Conductivity: 1679 μ S Temperature: 10.3 °C

Dissolved Oxygen: 5.58 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: E-GW County: Page

Water Sample ID #: EGWN - 5 - 24 1
Site Name (initials) - Trip number - Year - Sample #

Date: 7/26/24 Time: 8:26 Sampler(s): Charlie Depp
mo day yr

UTM: -106.40804 E 39.56746 N Zone: 18Q Elevation: 8006'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____:gpm Measurement Method: _____ **OR** Standing water

pH: 6.21 Conductivity: 2.75 μ S Temperature: 18.6 °C

Dissolved Oxygen: 5.36 ppm ORP: _____

pH standard reading: 4.07 Conductivity Standard reading: 1434

ORP Standard Reading: 1

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Leavitt mine drainage County: lake

Water Sample ID #: LDT-WTP - 1 - 23 - 001
Site Name (initials) - Trip number - Year - Sample # - Sample Type

Date: 4 / 20 / 23 Time: 11:00 Sampler(s): Ag/CV
yr mo day

UTM: -106.2884 E 39.27402 N Zone: _____: Elevation: 10,032' amsl

Current Weather: cloudy, Sun Intensity: High, Med, Low

Previous Weather: 2" snow yesterday

Water Description: clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1160 :gpm Measurement Method: Inline mto OR Standing water

pH: 7.08 Conductivity: 551 μ S Temperature: _____ °C

Dissolved Oxygen: 7.71 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: 1411

ORP Standard Reading: _____

Describe Water Sample Location: spigot from pipe - prior to treatment

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Lenoirville WTP County: lake

Water Sample ID #: LDT-WTP-02-23-001
Site Name (initials) - Trip number - Year - Sample #

Date: 5/25/23 Time: 11:00 Sampler(s): AG, CV, CD
mo day yr

UTM: -106.2884 E 39.27402 N Zone: Elevation: 10,032'

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: Sunny

Water Description: Slight turbidity, orange tint
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 820 :gpm Measurement Method: inline meter OR Standing water

pH: ~~6.96~~ 6.96 Conductivity: 569 μ S Temperature: 10.9 °C

Dissolved Oxygen: 7.83 ppm ORP:

Slope of pH Cal Curve: PH 4 standard 4.01 Conductivity Standard reading: 1410

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Leadville County: Lake

Water Sample ID #: LDT - 03 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 6 / 2 / 23 Time: ____:____ Sampler(s): ____
mo day yr

UTM: -106.2884 E 39.27402 N Zone ____ : Elevation: 10,032'
~~106.288~~

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: Sunny

Water Description: Rain Past few days
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1190 :gpm Measurement Method: _____ **OR** Standing water _____

pH: 7.23 Conductivity: 318 μ S Temperature: 6.7 $^{\circ}$ C

Dissolved Oxygen: 7.91 ppm ORP: 570

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Leadville County: Lake

Water Sample ID #: Leadville - 04 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 9 / 24 / 23 Time: 12 : 00 Sampler(s): Charlie Depp
mo day yr Nancy Yang

UTM: -106.2884 E 39.1402 N Zone: Elevation: 10,032'

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1355 :gpm Measurement Method: _____ OR Standing water _____

pH: 7.40 Conductivity: 347 μ S Temperature: _____ °C

Dissolved Oxygen: 7.25 ppm ORP: 552

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Leadville WTP County: Lake

Water Sample ID #: LDT - 1 - 24 - 1
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 7 / 24 Time: 12:00 Sampler(s): AG, EJ, MS
mo day yr

UTM: -106.2884 E 37.27402 N Zone: _____ Elevation: 10,032'

Current Weather: SNOW, Sun Intensity: High, Med, Low

Previous Weather: SUNNY

Water Description: CLEAR
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1025 :gpm Measurement Method: inline meter OR Standing water

pH: 6.61 Conductivity: 461 μ S Temperature: 8.5 °C

Dissolved Oxygen: 7.63 ppm ORP: _____

pH standard reading: 3.97 Conductivity Standard reading: 1439

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Leadville County: LaSalle

Water Sample ID #: LPT-02 - 24 - 01 Date: 24 / 05 / 30 Time: 12 : 45
Site Name (initials)-Year- Sample # yr mo day

UTM: - 106,2884 E 39,27402 N Zone: NY

Elevation: 10,032

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 900 :gpm Measurement Method: _____ OR Standing water

pH: 6.1 Conductivity: 531 μ S Temperature: 6.7 °C

Dissolved Oxygen: 7.32 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly):

The treatment plant said they just had
runoff coming in so water quality might be bad

WATER SAMPLE SHEET

Site Name: Leadville County: Lake

Water Sample ID #: LDT ~~0~~ - 03 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 06 / 13 / 24 Time: _____ Sampler(s): AG
mo day yr

UTM: 106.2884 ~~39~~ E 39.27402 N Zone _____ Elevation: 10,032'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 969 :gpm Measurement Method: _____ OR Standing water _____

pH: 7.01 ~~6.48~~ Conductivity: 368 ~~3~~ μ S Temperature: 8.5 °C

Dissolved Oxygen: 6.29 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1390

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Leadville County: Lake

Water Sample ID #: LDT-4 - 24 - 1 Date: 24 / 6 / 28 Time: 11:00
Site Name (initials)-Year- Sample # yr mo day

UTM: -106.2881 E 39.2742 N Zone: _____ Sampler(s): CV, NY, ES

Elevation: 10,032'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____ gpm Measurement Method: _____ OR Standing water _____

pH: 6.70 Conductivity: 366 μ S Temperature: 10.6 °C

Dissolved Oxygen: 8.80 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Leadville County: Lake

Water Sample ID #: LDT - 05 - 24-001

Site Name (initials) – Trip number - Year - Sample #

Date: 7/29/24 Time: 12:00 Sampler(s): JS, EJ
mo day yr

UTM: -106.2884 E 39.27402 N Zone : Elevation: 10,032'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: mostly clear, slightly turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1100:gpm Measurement Method: _____ **OR** Standing water _____

pH: 7.18 Conductivity: 440 μS Temperature: 13.3 $^{\circ}\text{C}$

Dissolved Oxygen: 7.97 ppm ORP:

pH standard reading: 4.07 Conductivity Standard reading: 1434

ORP Standard Reading: 404

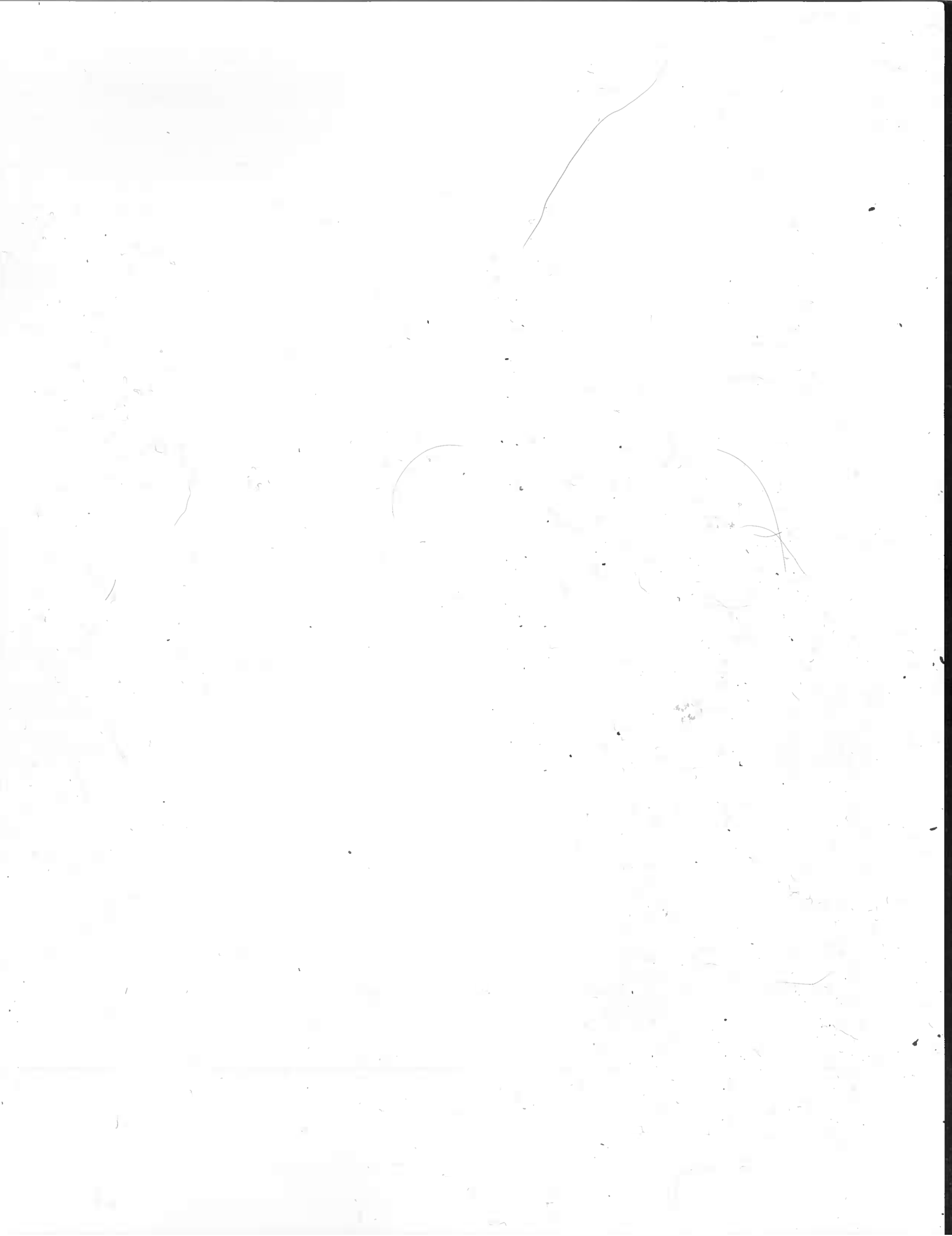
Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

Collected by operator, field measurements taken @ Lab



WATER SAMPLE SHEET

Site Name: Argo Plant - Argo Tunnel County: Clear Creek

Water Sample ID #: AT-01 - 22 - 001
Site Name (initials) - Year - Sample #

Date: 22 / 11 / 12 Time: 1 : 40 Sampler(s): AG, JR

39.743506 yr mo day

UTM: ~~3057~~ E -105.07713 N Zone : Elevation: 7500

Current Weather: 90°, Sunny, Sun Intensity: High Med, Low

Previous Weather: Dry for ~ 1 week

Water Description: clear at first, Fe oxidizes within a day, water
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.) turns orange

Flow volume: 190 :gpm Measurement Method: Flow meter OR Standing water

pH: 2.75 Conductivity: ~~1406~~ 2.84 mS Temperature: 13 °C

Dissolved Oxygen: 5.69 ppm ORP: 458

Slope of pH Cal Curve: 98% Conductivity Standard reading: 1406 NS

ORP Standard Reading: ~~443~~ 454 487

Describe Water Sample Location: Argo Tunnel flows out of a bulkhead
into the T.P. Adit.

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) Yes

Any other pertinent information (describe flow estimate clearly): Flow measured
with Flow meter. TP operators have data
for the year

WATER SAMPLE SHEET

Site Name: Argo plow Argo Tunnel County: Clear Creek

Water Sample ID #: AT-01-22-002
Site Name (initials) - Year - Sample #

Date: 22/11/12 Time: 1:45 Sampler(s): AG, JR
yr mo day

UTM: 39-105.0713 E 39.74306 N Zone: 7 Elevation: 7500'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: Field Blank
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____:gpm Measurement Method: _____ OR Standing water _____

pH: _____ Conductivity: _____ μ S Temperature: _____ $^{\circ}$ C

Dissolved Oxygen: _____ ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: Field Blank

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): Field Blank

WATER SAMPLE SHEET

Site Name: Argo Tunnel County: Clear Creek

Water Sample ID #: AT - 01 - 23 - 001

Site Name (initials) - Trip number - Year - Sample #

Date: 4 / 20 / 23 Time: 10:30 Sampler(s): AG/CD
yr mo day

UTM: -105.07713 E 39.743506 N Zone: _____ Elevation: 7500

Current Weather: Cloudy, Sun Intensity: High, Med, Low

Previous Weather: Dusting Snow

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 144 :gpm Measurement Method: Inline meter OR Standing water

pH: 2.84 Conductivity: 2.66 MS Temperature: 13.9 °C

Dissolved Oxygen: 5.43 ppm ORP: _____

Slope of pH Cal Curve: pH 4 Buffer = 3.99 Conductivity Standard reading: 1393 NS/cm

ORP Standard Reading: _____

Describe Water Sample Location: Tunnel effluent before mixing w/ other
inflows. Adit

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Argo Tunnel **County:** Clear Creek

Water Sample ID #: AT-02-23-00021
Site Name (initials) - Trip number - Year - Sample #

Date: 5/25/ **Time:** 1:00 **Sampler(s):** AG, CV, CD
mo day yr

UTM: -10S.07713 E 39.743506 N **Zone:** **Elevation:** 7500'

Current Weather: Sunny, **Sun Intensity:** High, Med, Low

Previous Weather: Dry, sunny

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 198 :gpm **Measurement Method:** in-line meter **OR** Standing water

pH: 2.89 **Conductivity:** 2,910 μ S **Temperature:** 17.6 °C

Dissolved Oxygen: 5.47 ppm **ORP:**

Slope of pH Cal Curve: **Conductivity Standard reading:**

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Argo Tunnell County: Gilpin - Clear Creek

Water Sample ID #: AT - 03 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 8 / 2 / 23 Time: 12 : 30 Sampler(s): AG + NY
mo day yr

UTM: -165.08713E 37.74306 N Zone _____ : Elevation: 7800

Current Weather: Sun, Sun Intensity: High, Med, Low

Previous Weather: Rain

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 213 :gpm Measurement Method: in line meter OR Standing water

pH: 2.75 Conductivity: 2980 μ S Temperature: 16.0 $^{\circ}$ C

Dissolved Oxygen: 4.4 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Argo Tunnel County: Clear Creek

Water Sample ID #: AT - 04 - 23 601
Site Name (initials) - Trip number - Year - Sample #

Date: 1 / 24 / 23 Time: 1 : 30 Sampler(s): Charlie Depp
mo day yr Nancy Yang

UTM: -16507713 E 39.743506 N Zone: : Elevation: 7500'

Current Weather: , Sun Intensity: High, Med, Low

Previous Weather:

Water Description:
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 197 ~~205~~ :gpm Measurement Method: inline meter **OR** Standing water

pH: 2.89 Conductivity: 3270 μ S Temperature: °C

Dissolved Oxygen: 4.74 ppm ORP:

Slope of pH Cal Curve: Conductivity Standard reading:

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Argo County: Clear Creek

Water Sample ID #: AT - 1 - 24 - 1

Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 13 / 24 Time: ^{10:43}9:48 Sampler(s): ES
mo day yr

UTM: -105.07713 E 39.743556 N Zone: _____ Elevation: 7500'

Current Weather: ^{mostly}partly sunny, Sun Intensity: High, Med, Low

Previous Weather: overcast

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 197.4 :gpm Measurement Method: _____ OR Standing water

pH: 2.75 Conductivity: 3210 μ S Temperature: 15.9 °C

Dissolved Oxygen: 3.64 ppm ORP: _____

pH standard reading: 3.91 Conductivity Standard reading: 1420

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Argo County: Clear Creek

Water Sample ID #: AT-02 - 24 - 01 Date: 24 / 05 / 30 Time: 14 : 00
Site Name (initials)-Year- Sample # yr mo day

UTM: 39.743506^W -105.07713^N Zone NY Sampler(s): NY

Elevation: 7500 ↗ ↘

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 217 :gpm Measurement Method: _____ OR Standing water _____

pH: 2.48 Conductivity: 3240 μ S Temperature: 7.6 °C

Dissolved Oxygen: 6.73 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Argo Tunnel County: Clear Creek

Water Sample ID #: AT - 03 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 06 / 13 / 24 Time: ____:____ Sampler(s): AG
mo day yr

UTM: -105.07713 E 39.7454 N Zone ____: Elevation: 7500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 187 :gpm Measurement Method: _____ **OR** Standing water

pH: 2.66 Conductivity: 3650 μ S Temperature: 11.6 °C

Dissolved Oxygen: 6.36 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1390

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Argo Tunnel County: Clear Creek

Water Sample ID #: AT-4 - 24 - 1 Date: 24/7/1 Time: 9:10
Site Name (initials)-Year- Sample # yr mo day

UTM: -10S.077B E 39.743500 Zone: _____ Sampler(s): CV, NY

Elevation: 7500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____ gpm Measurement Method: _____ OR Standing water _____

pH: 2.67 Conductivity: 2470 μ S Temperature: 15.2 °C

Dissolved Oxygen: 7.63 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Argo Tunnel **County:** Clear Creek

Water Sample ID #: AT - 05 - 24 - 001

Site Name (initials) – Trip number - Year - Sample #

Date: 7 / 25 / 24 Time: 11 : 20 Sampler(s): Charlie Depp
mo day yr

UTM: -105.07713 E 39.743506N Zone : Elevation: 7500'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather:

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 218:gpm Measurement Method: _____ **OR** Standing water _____

pH: 2.81 Conductivity: 3.28 μS Temperature: 18.5 $^{\circ}\text{C}$

Dissolved Oxygen: 5.04 ppm ORP: _____

pH standard reading: 4.07 Conductivity Standard reading: 1434

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Argo Plant - Virginia Canyon County: Clear Creek

Water Sample ID #: VC-01 - 22 - 001
Site Name (initials) - Year - Sample #

Date: 12/11/12 Time: 1:40 pm Sampler(s): AG, JR
yr mo day

UTM: 39.743506 E -105.507713 N Zone _____: Elevation: 7500

Current Weather: 40°F, Sunny, Sun Intensity: High Med, Low

Previous Weather: Dry for ~1 week

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 7.8 :gpm Measurement Method: Flow meter OR Standing water

pH: 3.35 Conductivity: 2.22 mS Temperature: 13 °C

Dissolved Oxygen: 7.60 ppm ORP: 458

Slope of pH Cal Curve: 98% Conductivity Standard reading: 1406

ORP Standard Reading: 487

Describe Water Sample Location: Pipe flowing into Argo treatment plant.
Virginia Canyon groundwater is diverted to a reservoir
and then pumped into the TP.

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) Yes

Any other pertinent information (describe flow estimate clearly): V.C. water is pumped
into the TP. The pump measures the flow rate,
read off of a computer in the TP.

Plant operators have flow data for the whole
year.

WATER SAMPLE SHEET

Site Name: Argo Plant - Virginia canyon County: Clear Creek

Water Sample ID #: VC-01-22-002
Site Name (initials) - Year - Sample #

Date: 22 / 11 / 12 Time: 1 : 45 Sampler(s): AG, JR
yr mo day

UTM: 39.743506 E 105.507713 N Zone _____ : Elevation: 7500

Current Weather: Sunny 40°F, Sun Intensity: High, Med, Low

Previous Weather: Dry ~ 1 week

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 7.8 :gpm Measurement Method: flow meter OR Standing water _____

pH: 3.35 Conductivity: 2.2 mS Temperature: 13 °C

Dissolved Oxygen: 7.6 ppm ORP: 458

Slope of pH Cal Curve: 98 Conductivity Standard reading: 1406

ORP Standard Reading: 454487

Describe Water Sample Location: Virginia canyon - DUP

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) Yes

Any other pertinent information (describe flow estimate clearly): Duplicate

WATER SAMPLE SHEET

Site Name: Virginia Canyon County: Clear Creek

Water Sample ID #: VC - 01 - 23 - 001

Site Name (initials) - Trip number - Year - Sample #

Date: 4 / 20 / 23 Time: 13:00 Sampler(s): AG/CD
yr mo day

UTM: -105.40773 E 39.743506 N Zone: _____ Elevation: 7500'

Current Weather: cloudy, Sun Intensity: High, Med, Low

Previous Weather: DUSTING SNOW

Water Description: clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 11.1 :gpm Measurement Method: Inline meter OR Standing water

pH: 3.49 Conductivity: 1927 μ S Temperature: _____ °C

Dissolved Oxygen: 9.1 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: groundwater pumped to treatment
line - pipe -

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Virginia Canyon County: Clear Creek

Water Sample ID #: VC - 02 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 45/25/23 Time: 1:00 Sampler(s): AG, CV, CD
mo day yr

UTM: 39.743506 E -105.0778 N Zone: Elevation: 7500

Current Weather: Sunny, Sun Intensity: High Med, Low

Previous Weather: Dry, sunny

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 38.3 :gpm Measurement Method: In line meter OR Standing water

pH: 3.40 Conductivity: 1934 μ S Temperature: 14.3 °C

Dissolved Oxygen: 7.78 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Virginia Canyon County: Gitpin Clear Creek

Water Sample ID #: VC - 03 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 8 / 2 / 23 Time: 12:30 Sampler(s): AG + NY
mo day yr

UTM: -105.0773 E 39.7430 Zone: _____ Elevation: 7500'

Current Weather: Sun, Sun Intensity: High, Med, Low

Previous Weather: 12 in

Water Description: Slightly turbid - white
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 8.4 :gpm Measurement Method: _____ OR Standing water _____

pH: 3.3 Conductivity: 2173 μ S Temperature: 17.0 °C

Dissolved Oxygen: 7.20 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Virginian Canyon County: Clear Creek

Water Sample ID #: VC - 04 - 23 001

Site Name (initials) - Trip number - Year - Sample #

Date: 9 / 29 / 23 Time: 1 : 30 Sampler(s): Charlie Depp
mo day yr Nancy Yang

UTM: - 10S.07713E 39.74306 N Zone: 7500 Elevation: 7500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 16.6 ~~100~~ :gpm Measurement Method: inline meter OR Standing water

pH: 3.41 Conductivity: 2450 μ S Temperature: _____ °C

Dissolved Oxygen: 6.28 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Virginia Canyon County: Clear Creek

Water Sample ID #: VC - 1 - 24-1
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 13 / 24 Time: 10:43 Sampler(s): EJ
mo day yr

UTM: -10 S. 07713 E 39.743506 N Zone: Elevation: 7500'

Current Weather: mostly sunny, Sun Intensity: High, Med, Low

Previous Weather: overcast

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 19.3 :gpm Measurement Method: OR Standing water

pH: 3.46 Conductivity: 1738 ~~1779~~ μ S Temperature: 12.0 °C

Dissolved Oxygen: 7.12 ppm ORP: _____

pH standard reading: 3.91 Conductivity Standard reading: 1420

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Virigitha canyon County: Clear Creek

Water Sample ID #: VC-02 - 24-01 Date: 24/05/30 Time: 14:00
Site Name (initials)-Year- Sample # yr mo day

UTM: 39.743500 ^W 105.0773 N Zone Sampler(s): NY

Elevation: 7500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 11 :gpm Measurement Method: _____ OR Standing water

pH: 3.24 Conductivity: 1808 μ S Temperature: 6.1 °C

Dissolved Oxygen: 7.09 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Virginia Canyon County: Clear Creek

Water Sample ID #: VC - 03 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 06 / 13 / 24 Time: ____:____ Sampler(s): AG
mo day yr

UTM: -105.07713E 39.743506N Zone ____: Elevation: 7500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 10.1 :gpm Measurement Method: _____ OR Standing water _____

pH: 3.32 Conductivity: 2001 μ S Temperature: 9.2 °C

Dissolved Oxygen: 7.14 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1390

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Virginie canyon County: Clear Creek

Water Sample ID #: VC-4-24-1 Date: 24/7/1 Time: 9:10
Site Name (initials)-Year- Sample # yr mo day

UTM: -10S. 07713 E 39.743506N Zone: Sampler(s): NY, CV

Elevation: 7500

Current Weather: Sun Intensity: High, Med, Low

Previous Weather:

Water Description: (color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 9.4 gpm Measurement Method: OR Standing water

pH: 3.32 Conductivity: 1519 μ S Temperature: 9.8 °C

Dissolved Oxygen: 8.38 ppm Alkalinity: ppm CaCO₃
(pH \geq 4.5)

Acidity:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Virginia Canyon County: Clear Creek

Water Sample ID #: VC - 5 - 24 1
Site Name (initials) - Trip number - Year - Sample #

Date: 7 / 25 / 24 Time: ____:____ Sampler(s): Charlie Depp
mo day yr

UTM: 10S. 07413 E 31.743506 N Zone ____: Elevation: 7500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 10.7 :gpm Measurement Method: _____ OR Standing water _____

pH: 3.36 Conductivity: 2.32 μ S Temperature: 18.6 °C

Dissolved Oxygen: 6.37 ppm ORP: _____

pH standard reading: 4.07 Conductivity Standard reading: 1434

ORP Standard Reading: 1434

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Argo Plant - Big 5 Tunnel County: Clear Creek

Water Sample ID #: B5-01 - 22 - 001
Site Name (initials) - Year - Sample #

Date: 22 / 11 / 12 Time: 1 : 40 Sampler(s): AG, JR
yr mo day

UTM: 39.743506 E -105.07713 N Zone _____ : Elevation: 7500

Current Weather: 40°F, Sunny, Sun Intensity: High, Med, Low

Previous Weather: dry for ~ 1 week

Water Description: orange/red. very turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 15 :gpm Measurement Method: Flow meter OR Standing water

pH: 5.85 Conductivity: 2.34 mS Temperature: 13 °C

Dissolved Oxygen: 6.8 ppm ORP: 493

Slope of pH Cal Curve: 98% Conductivity Standard reading: 1406

ORP Standard Reading: 454 487

Describe Water Sample Location: Big 5 mine Adit is across town.
It is piped to a reservoir, and then pumped into
the TP.

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) yes

Any other pertinent information (describe flow estimate clearly): Flow measured
from pump - variable. Operators have flow data
for the year

WATER SAMPLE SHEET

Site Name: Big 5 County: Clear Creek

Water Sample ID #: B5 - 01 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 4 / 20 / 23 Time: 13:00 Sampler(s): Ag / CD
yr mo day

UTM: -105.07713 E 39.743506 N Zone: _____ Elevation: 7500

Current Weather: Cloudy, Sun Intensity: High, Med, Low

Previous Weather: Dusting Snow

Water Description: Orange, turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 14.4 :gpm Measurement Method: Trine meter OR Standing water

pH: 5.75 Conductivity: 2.40 μ S Temperature: 13.9 °C

Dissolved Oxygen: 4.97 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: Mine effluent pumped across Idaho Spgs into W.T.P.

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Big 5 tunnel County: Ch Clear Creek

Water Sample ID #: B5 - 02 - 23 - 001

Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 25 / 23 Time: 1 : 00 Sampler(s): AG, CV, CD
mo day yr

UTM: -105.07713 E 39.743506 N Zone: _____ : Elevation: 7500

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: Dry

Water Description: high turbidity, bright orange
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 16 :gpm Measurement Method: _____ OR Standing water _____

pH: 5.88 Conductivity: 2,430 μ S Temperature: 13.5 °C

Dissolved Oxygen: 6.13 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Big 5 Tunnel County: Gilpin Clear Creek

Water Sample ID #: B5 - 03 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 8 / 2 / 23 Time: 12:30 Sampler(s): AG + NY
mo day yr

UTM: -105.07713 E 39.743506 N Zone _____: Elevation: 7500

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: Rain

Water Description: Orange, m Turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 22 :gpm Measurement Method: meter OR Standing water _____

pH: 5.63 Conductivity: 2500 μ S Temperature: 12.0 °C

Dissolved Oxygen: 3.09 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Big Five County: Clear Creek

Water Sample ID #: B5 - 04 - 23 001

Site Name (initials) - Trip number - Year - Sample #

Date: 9 / 29 / 23 Time: 1 : 30 Sampler(s): Charlie Depp
mo day yr Nancy Yang

UTM: 39.743506 E -105.07713 N Zone: Elevation: 7,300'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 21 :gpm Measurement Method: in-line meter OR Standing water

pH: 5.57 Conductivity: 284 2840 μ S Temperature: _____ °C

Dissolved Oxygen: 5.17 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: BQ 5 County: Clear Creek

Water Sample ID #: B5 - 1 - 24 - 1
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 13 / 24 Time: 10:45 Sampler(s): EJ
mo day yr

UTM: -40S.07713 E 39.743506 Zone: _____ Elevation: 7,500

Current Weather: mostly sunny, Sun Intensity: High, Med, Low

Previous Weather: overcast

Water Description: turbid, orange
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 23.5 :gpm Measurement Method: _____ OR Standing water _____

pH: 5.40 Conductivity: 2570 μ S Temperature: 14.5 °C

Dissolved Oxygen: 4.30 ppm ORP: _____

pH standard reading: 3.91 Conductivity Standard reading: 1420

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Big. 5 **County:** Clear Creek

Water Sample ID #: B5-02 - 24 - 01 **Date:** 08/24/05 **Time:** 14:00
Site Name (initials)-Year- Sample # yr mo day

UTM: 39.743506 W 105.507713 **Zone** 18N **Sampler(s):** NY

Elevation: 7500

Current Weather: _____ **Sun Intensity:** High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 28.7 :gpm **Measurement Method:** _____ **OR** Standing water

pH: 5.28 **Conductivity:** 2520 μ S **Temperature:** 12.4 °C

Dissolved Oxygen: 4.71 ppm **Alkalinity:** _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Big 5 County: Clear Creek

Water Sample ID #: B5 - ⁰³~~02~~ - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 06 / 23 / 24 Time: ____:____ Sampler(s): AG
mo day yr

UTM: 10S.07713 E 39.743506 N Zone ____: Elevation: 7500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 27.9:gpm Measurement Method: _____ OR Standing water _____

pH: 5.36 Conductivity: 2650 μ S Temperature: 9 °C

Dissolved Oxygen: 5.33 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1390

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Big 5 County: Clear Creek

Water Sample ID #: B5-4 - 24 - 1 Date: 24/7/1 Time: 9:10
Site Name (initials)-Year- Sample # yr mo day

UTM: -10S.07713E 39.743506 N Zone: NY, CV

Elevation: 7500'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____ gpm Measurement Method: _____ **OR** Standing water _____

pH: 5.28 Conductivity: 1943 μ S Temperature: 15.1 °C

Dissolved Oxygen: 6.39 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Big 5 County: Clear Creek

Water Sample ID #: B5 - 5 - 24 1
Site Name (initials) - Trip number - Year - Sample #

Date: 7 / 25 / 24 Time: 11 : 20 Sampler(s): Charlie Depp
mo day yr

UTM: -105.07713 E 39.743506 N Zone : Elevation: 7500

Current Weather: , Sun Intensity: High, Med, Low

Previous Weather:

Water Description:
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 14.5 :gpm Measurement Method: OR Standing water

pH: 5.44 Conductivity: 2.77 μ S Temperature: 14.5 °C

Dissolved Oxygen: 4.25 ppm ORP:

pH standard reading: 4.07 Conductivity Standard reading: 1434

ORP Standard Reading: 1434

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: BH-Blackhawk Wastewater treatment plant County: GILPIN

Water Sample ID #: BH-WTP-01 - 22 - 001 Date: 22 / 11 / 1 Time: 10 : 00
Site Name (initials)-Year- Sample # yr mo day

UTM: 39.79667 E 105.4761 N Zone _____ Sampler(s): AG, JR

Elevation: 7900 ft

Current Weather: Sunny, Sun Intensity: High Med, Low

Previous Weather: SNOW ~~for~~ 5 days ago

Water Description: Slightly cloudy (tinted Brown/orange)
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 140 gpm Measurement Method: inline meter OR Standing water

pH: 7.42 Conductivity: 2036 μ S Temperature: _____ °C

Dissolved Oxygen: 7.15 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: Black Hawk - North Fork Clear Creek WTP Vault

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #s/ _____

Any other pertinent information (describe flow estimate clearly): Flow recorded inline - Pumped out of the vault into TP - Flow controlled

WATER SAMPLE SHEET

Site Name: Black Hawk County: Gilpin
Clear Creek

Water Sample ID #: BAWTP - 01 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 4 / 20 / 23 Time: 04:00 Sampler(s): AG/CD
yr mo day

UTM: -105.4761 E 39.79667 N Zone: Elevation: 7900'

Current Weather: cloudy, Sun Intensity: High, Med, Low

Previous Weather: Dusting snow

Water Description: slight orange color
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 135 :gpm Measurement Method: Inline now OR Standing water

pH: 4.87 Conductivity: 1955 μ S Temperature: 13.7 °C

Dissolved Oxygen: 7.78 ppm ORP:

Slope of pH Cal Curve: Conductivity Standard reading:

ORP Standard Reading:

Describe Water Sample Location: vault - water surface 15' down.
influent to treatment plant

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Black Hawk County: Gilpin

Water Sample ID #: BH 02 - -23-00441
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 25 / 23 Time: 1 : 30 Sampler(s): AG, CV, CD
mo day yr

UTM: -105.4761 E 39.71667 N Zone: _____: Elevation: 7900'

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: Sunny, dry

Water Description: Mostly Clear, very slight orange
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 140 :gpm Measurement Method: Inline meter OR Standing water

pH: 4.94 Conductivity: 21057 μ S Temperature: 14.6 °C

Dissolved Oxygen: 7.54 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Black Hawk County: Gilpin

Water Sample ID #: BH - 03 - 23 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 8 / 2 / 23 Time: 1 : 30 Sampler(s): Ag + Ny
mo day yr

UTM: -10S.4761 E 39.79667 N Zone: : Elevation: 7900

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: Rain few days

Water Description:
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 152 :gpm Measurement Method: inline meter **OR** Standing water

pH: 4.84 Conductivity: 1940 μ S Temperature: 16.4 $^{\circ}$ C

Dissolved Oxygen: 7.60 ppm ORP:

Slope of pH Cal Curve: Conductivity Standard reading:

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Black Hawk **County:** Gilpin

Water Sample ID #: BH - 04 - 23 001
Site Name (initials) - Trip number - Year - Sample #

Date: ⁹~~28~~ / 29 / 23 Time: 11 : 00 Sampler(s): Charlie Depp
mo day yr Nancy Yang

UTM: -105.4761 E 39.7667 N Zone: : Elevation: 7900

Current Weather: , Sun Intensity: High, Med, Low

Previous Weather:

Water Description:
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 167 :gpm Measurement Method: in line mtr **OR** Standing water

pH: 5.46 Conductivity: 2.42 ^mS Temperature: °C

Dissolved Oxygen: 6.79 ppm ORP:

Slope of pH Cal Curve: Conductivity Standard reading:

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Black Hawk County: Gilpin

Water Sample ID #: BH - 1 - 24 - 1
Site Name (initials) - Trip number - Year - Sample #

Date: 05 / 13 / 24 Time: 9:45 Sampler(s): EJ
mo day yr

UTM: 10S.4761 E 39.79607 N Zone: Elevation: 7900'

Current Weather: partly sunny, Sun Intensity: High, Med, Low

Previous Weather: overcast

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 139.92 gpm Measurement Method: OR Standing water

pH: 8.21 Conductivity: 2063 μ S Temperature: 12.1 °C
5.12

Dissolved Oxygen: 7.99 ppm ORP: _____

pH standard reading: 3.91 Conductivity Standard reading: 1420

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Black Hawk County: Gilpin

Water Sample ID #: BH-02 - 24-01 Date: 24/05/30 Time: 14:30
Site Name (initials)-Year- Sample # yr mo day

UTM: 39.79667 E 105.4761 N Zone: Sampler(s): NY

Elevation: 7900

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 180 :gpm Measurement Method: _____ OR Standing water

pH: 5.08 Conductivity: 2050 μ S Temperature: 8.3 °C

Dissolved Oxygen: 7.18 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Black Hawk County: Gilpin

Water Sample ID #: BH - 03 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 06 / 13 / 24 Time: _____ Sampler(s): AG
mo day yr

UTM: -10S.4761 E 39.79667 N Zone _____: Elevation: 7900

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 160 :gpm Measurement Method: _____ OR Standing water _____

pH: 4.89 Conductivity: 2094 μ S Temperature: 15 °C

Dissolved Oxygen: 7.44 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1390

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Black Hawk County: Gilpin

Water Sample ID #: BH-4 - 24 - 1 Date: 24/7/1 Time: 10:00
Site Name (initials)-Year- Sample # yr mo day

UTM: -10 S.4761 E 39.7967 N Zone: NY Sampler(s): CV

Elevation: 7900'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____:gpm Measurement Method: _____ OR Standing water _____

pH: 4.70 Conductivity: 1616 μ S Temperature: 14.9 °C

Dissolved Oxygen: 7.84 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Black Hawk County: Gilpin

Water Sample ID #: BH - 5 - 24 1
Site Name (initials) - Trip number - Year - Sample #

Date: 7 / 25 / 24 Time: 12 : 15 Sampler(s): Charlie Depp
mo day yr

UTM: -105.4761 E 39.79667 N Zone: 18 : Elevation: 7900

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 177.67 :gpm Measurement Method: _____ OR Standing water

pH: 4.84 Conductivity: 2.29 μ S Temperature: 15.6 °C

Dissolved Oxygen: 7.48 ppm ORP: _____

pH standard reading: 4.07 Conductivity Standard reading: 1434

ORP Standard Reading: 1434

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 01 - 22 - 001
Site Name (initials) - Year - Sample #

Date: 22/11/18 Time: 12:00 Sampler(s): AG, JR
yr mo day

UTM: 37°53'02" E 106°55'55" N Zone: Elevation: 2993 M

Current Weather: Clear, Sun Intensity: High, Med, Low

Previous Weather: Sunny

Water Description: lightly turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 346 :gpm Measurement Method: OR Standing water

pH: 5.18 Conductivity: 1119 μ S Temperature: 18 °C

Dissolved Oxygen: 6.11 ppm ORP: 451

Slope of pH Cal Curve: 98% Conductivity Standard reading: 1418

ORP Standard Reading: 454

Describe Water Sample Location: effluent above confluence w/ Willow Creek.

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) 15

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 01 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 4 / 23 / 23 Time: 12:00 Sampler(s): AG/CK
mo day yr

UTM: -106.931944 E 37.883889 N Zone 2993M: Elevation: 9820'

Current Weather: SUNNY, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 333 :gpm Measurement Method: _____ OR Standing water _____

pH: 4.63 Conductivity: 1096 μ S Temperature: 8.8 °C

Dissolved Oxygen: 6.38 ppm ORP: _____

PH 4 Buffer
Slope of pH Cal Curve: 3.97 Conductivity Standard reading: 1441

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Nelson tunnel **County:** Mineral

Water Sample ID #: NT - 02 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 30 / 23 **Time:** 11 : 00 **Sampler(s):** AG, CV, CD
mo day yr

UTM: -106.931944 E 37.883889 N **Zone:** **Elevation:** 825'

Current Weather: , **Sun Intensity:** High, Med, Low

Previous Weather:

Water Description:
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 339 (measured on 6/14) :gpm **Measurement Method:** **OR** Standing water

pH: 5.17 **Conductivity:** ~~776~~ 822 μ S **Temperature:** 7.4 °C

Dissolved Oxygen: 6.31 ppm **ORP:**

Slope of pH Cal Curve: 1.00 **Conductivity Standard reading:** 1415

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 03 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 7/26/23 Time: 11:50 Sampler(s): CW CD
mo day yr

UTM: -106.95944 E 37.883879 N Zone: _____: Elevation: 9820

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 327 :gpm Measurement Method: Weir OR Standing water

pH: 4.26 Conductivity: 787 μ S Temperature: 12.2 °C

Dissolved Oxygen: 6.24 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: 1474

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 04 - 23-001
Site Name (initials) - Trip number - Year - Sample #

Date: 9/29/23 Time: 12:00 Sampler(s): AG, JR
mo day yr

UTM: -106.931944E 37.883889N Zone: _____: Elevation: 9820

Current Weather: SUNNY, Sun Intensity: High, Med, Low

Previous Weather: dry

Water Description: A slight orange color
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 315:gpm Measurement Method: Wier OR Standing water

pH: 4.28 Conductivity: 917 μ S Temperature: 11.5 °C

Dissolved Oxygen: 6.3 ppm ORP: _____

Slope of pH Cal Curve: 4.00 Conductivity Standard reading: 1409

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 01 - 24 01
Site Name (initials) - Trip number - Year - Sample #

Date: 5/8/24 Time: 12:25 Sampler(s): Charlie Deff
mo day yr Nancy Zhang

UTM: -106.931944 E 37883889 N Zone: : Elevation: 9820'

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather:

Water Description: Clear, algae
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 315:gpm Measurement Method: **OR** Standing water

pH: 4.73 Conductivity: 1033 μ S Temperature: 16.4 $^{\circ}$ C

Dissolved Oxygen: 6.71 ppm ORP: 6.71

pH standard reading: Conductivity Standard reading:

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 02 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 05 / 30 / 24 Time: 12 : 00 Sampler(s): AG
mo day yr

UTM: 37°53'02" E 10°55'55" N Zone _____: Elevation: 9820' 2993 m

Current Weather: _____ Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 333 :gpm Measurement Method: _____ OR Standing water _____

pH: 4.70 Conductivity: 990 μ S Temperature: 18.1 °C

Dissolved Oxygen: 6.56 ppm ORP: _____

pH standard reading: 4.00 Conductivity Standard reading: 1427 μ S

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 03 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 06/14/24 Time: ____:____ Sampler(s): CV
mo day yr

UTM: 106°53'55" E 37°53'02" N Zone ____: Elevation: 9820'
2993 m

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 315 :gpm Measurement Method: _____ OR Standing water

pH: 4.67 Conductivity: 1152 μ S Temperature: _____ °C

Dissolved Oxygen: 6.33 ppm ORP: _____

pH standard reading: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 04 - 0124 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 6/27/24 Time: 4:00 p Sampler(s): JR
mo day yr

UTM: 106.931944 E 37,883889 N Zone: Elevation: 9820'

Current Weather: cloudy, Sun Intensity: High, Med, Low

Previous Weather: cloudy

Water Description: clear water, algae
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____:gpm Measurement Method: _____ OR Standing water _____

pH: 4.58 Conductivity: 1128 μ S Temperature: 19.6 °C

Dissolved Oxygen: 6.25 ppm ORP: _____

pH standard reading: 4.06 Conductivity Standard reading: 1416

ORP Standard Reading: _____

Describe Water Sample Location: drainage channel 50 feet from tunnel mouth

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Nelson Tunnel County: Mineral

Water Sample ID #: NT - 05 - 24 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 07/17/24 Time: 3:45pm Sampler(s): JR, NY, CV, CD, EJ
mo day yr

UTM: -106.93944 E 38.883889 N Zone: Elevation: 9820'

Current Weather: mostly cloudy, Sun Intensity: High, (Med) Low

Previous Weather: _____

Water Description: algae
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 315 :gpm Measurement Method: _____ OR Standing water _____

pH: 4.52 Conductivity: 813 μ S Temperature: 23 °C

Dissolved Oxygen: 5.98 ppm ORP: _____

pH standard reading: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Gladstone WTP County: San Juan

Water Sample ID #: G-WTP-01-22-001
Site Name (initials) - Year - Sample #

Date: 24/11/18 Time: 4:00 Sampler(s): AG, JR
yr mo day

UTM: 37°53'25" E 107°39'01" N Zone: 10S18: Elevation: 3204m

Current Weather: Clear Cool (), Sun Intensity: High, Med, Low

Previous Weather: Sunny

Water Description: turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: :gpm Measurement Method: OR Standing water

pH: 3.67 Conductivity: 1639 μ S Temperature: 8.9 °C

Dissolved Oxygen: 7.61 ppm ORP: 453

Slope of pH Cal Curve: 98% Conductivity Standard reading: 12/18

ORP Standard Reading: 454

Describe Water Sample Location: From plant inlet, after 1st settling pond

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) NO

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Gladstone WTP **County:** San Juan

Water Sample ID #: G-WTP - 01 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 4 / 24 / 23 **Time:** 11:00 **Sampler(s):** AG/CK
mo day yr

UTM: -107.650663E 37.89009 N **Zone:** 18Q **Elevation:** 10312'

Current Weather: SUNNY, some clouds, **Sun Intensity:** High Med, Low

Previous Weather: 2-4" snow in the past few days

Water Description: Orange
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 460 :gpm **Measurement Method:** in-line meter **OR** Standing water

pH: 5.20 **Conductivity:** 1564 μ S **Temperature:** _____ °C

Dissolved Oxygen: 7.33 ppm **ORP:** _____

Slope of pH Cal Curve: _____ **Conductivity Standard reading:** _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Gladstone **County:** San Juan

Water Sample ID #: G-WTR - 02 - 2023 001
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 31 / 23 **Time:** 10 : 01 **Sampler(s):** AG, CV, CD
mo day yr

UTM: -107.65063 E 37.89009 **N Zone** : **Elevation:** 10512

Current Weather: _____, **Sun Intensity:** High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 430 :gpm **Measurement Method:** _____ **OR** Standing water

pH: 2.80 **Conductivity:** 2.64 μ S **Temperature:** _____ °C

Dissolved Oxygen: 6.87 ppm **ORP:** _____

Slope of pH Cal Curve: -57.63 **Conductivity Standard reading:** 1435

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Gladstone WTP **County:** San Juan

Water Sample ID #: G-WTP - 03 - 23 001
Site Name (initials) - Trip number - Year - Sample #

Date: 7 / 27 / 23 **Time:** 8 : 00 **Sampler(s):** CV CD
mo day yr

UTM: -107.65663 E 37.89069 N **Zone** _____ : **Elevation:** 10512

Current Weather: _____, **Sun Intensity:** High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 255 :gpm **Measurement Method:** _____ **OR** Standing water

pH: 3.04 **Conductivity:** 2360 μ S **Temperature:** _____ °C

Dissolved Oxygen: _____ ppm **ORP:** _____

Slope of pH Cal Curve: _____ **Conductivity Standard reading:** _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Gladstone County: San Juan

Water Sample ID #: G-WIP - 04 - 23-001
Site Name (initials) - Trip number - Year - Sample #

Date: 9 / 30 / 23 Time: 9 : 00 Sampler(s): AG, JR
mo day yr

UTM: -107.650603 37.89009 N Zone: : Elevation: 10,512'

Current Weather: Partly Cloudy, Sun Intensity: High, Med, Low

Previous Weather: Dry

Water Description: orange, turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 435 :gpm Measurement Method: meter OR Standing water

pH: 3.44 Conductivity: 2146 μ S Temperature: 8.4 °C

Dissolved Oxygen: 8.22 ppm ORP:

Slope of pH Cal Curve: Conductivity Standard reading:

ORP Standard Reading:

4/buffer = 3.95
cond standard 1426

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Gladstone WTP County: San Juan

Water Sample ID #: G WTP - 01 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 13 / 24 Time: 12:00 Sampler(s): RC
mo day yr

UTM: -107,650603 E 37,89009 N Zone: 10 : Elevation: 512'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: Slightly turbid / orange
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 300 :gpm Measurement Method: inline meter OR Standing water

pH: 5.5 Conductivity: 1740 μ S Temperature: 5.5 °C

Dissolved Oxygen: 8.25 ppm ORP: _____

pH standard reading: NA Conductivity Standard reading: NA

ORP Standard Reading: NA

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): Water samples taken
By Reid Christopher, Plant Operator.

A NO access to plant.

WATER SAMPLE SHEET

Site Name: Gladstone WTP County: San Juan

Water Sample ID #: GWTP - 02 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 05 / 30 / 24 Time: 12:00 Sampler(s): RC
mo day yr ↗

UTM: 37.89009 E -107.65043 N Zone: 10 : Elevation: 10,500'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 300 :gpm Measurement Method: _____ OR Standing water _____

pH: 3.00 Conductivity: 2020 μ S Temperature: 44 °C
?

Dissolved Oxygen: 7.52 ppm ORP: _____

pH standard reading: 4.00 Conductivity Standard reading: 1427

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Gladstone WTP County: San Juan

Water Sample ID #: GWTP - 03 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 06/14/24 Time: _____: _____ Sampler(s): CV
mo day yr

UTM: 107.650063 37.89009N Zone _____: Elevation: 10,500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 200:gpm Measurement Method: _____ OR Standing water _____

pH: 2.76 Conductivity: 2760 μ S Temperature: 8.3 °C

Dissolved Oxygen: 5.84 ppm ORP: _____

pH standard reading: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Gladstone WTP County: San Juan

Water Sample ID #: GWTP-04-24 Date: 7/12/24 Time: _____

Site Name (initials)-Year- Sample # _____ yr mo day

UTM: -107.650663 E 37.89009 N Zone _____ Sampler(s): 188121 R RC

Elevation: 10,512'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____:gpm Measurement Method: _____ **OR** Standing water _____

pH: 3 Conductivity: 2230 μ S Temperature: 48 °F

Dissolved Oxygen: 6.71 ppm Alkalinity: _____ ppm CaCO₃
(pH \geq 4.5)

Acidity: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photo #'s/ _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Gladstone WTP County: San Juan

Water Sample ID #: GWTP - 05 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 07/19/24 Time: 9:00am Sampler(s): JR, EJ, MY, CD, CV
mo day yr

UTM: -107.650663 E 37.89009 N Zone: _____ Elevation: 10,512

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 280 :gpm Measurement Method: _____ OR Standing water _____

pH: 3.20 Conductivity: 2390 μ S Temperature: 11.5 °C

Dissolved Oxygen: 7.70 ppm ORP: _____

pH standard reading: 4.04 Conductivity Standard reading: 1435

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: St. Louis Tunnel County: Dolores

Water Sample ID #: SLT-01 - 22 - 001
Site Name (initials) - Year - Sample #

Date: 22 / 11 / 19 Time: 11 : 00 Sampler(s): AG, JR
yr mo day

UTM: 37°42'28" E 108°01'46" N Zone: _____: Elevation: 2702 m

Current Weather: Sunny, Sun Intensity: High, Med, Low

Previous Weather: SUN

Water Description: lightly turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 168 :gpm Measurement Method: meter OR Standing water

pH: 6.69 Conductivity: 1140 μ S Temperature: 16.1 °C

Dissolved Oxygen: 3.59 ppm ORP: 468

Slope of pH Cal Curve: 98% Conductivity Standard reading: 1386

ORP Standard Reading: 451

Describe Water Sample Location: sampled tunnel where it flows out of mountain. Before settling ponds, etc.

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) yes

Any other pertinent information (describe flow estimate clearly): Flow measured by meter inside TP.

WATER SAMPLE SHEET

Site Name: St. Louis Tunnel County: Dolores

Water Sample ID #: SLT-01-23 - - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 4 / 24 / 23 Time: 10 : 00 Sampler(s): AG/CK
mo day yr

UTM: -108.029444E 37.707778N Zone: : Elevation: 8865'

Current Weather: Snow, Sun Intensity: High, Med, Low

Previous Weather: 2" Snow

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 562 :gpm Measurement Method: Inline meter OR Standing water

pH: 6.9 Conductivity: 1112 μ S Temperature: 19.3 °C

Dissolved Oxygen: 5.06 ppm ORP:

Slope of pH Cal Curve: Conductivity Standard reading:

ORP Standard Reading:

Describe Water Sample Location: St Louis Tunnel Effluent

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: St Louis Tunnel County: Dolores

Water Sample ID #: SLT - 002 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 5 / 31 / 23 Time: 10 : 00 Sampler(s): _____
mo day yr

UTM: -108.029444 E 37.76778 N Zone _____ : Elevation: 8865'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 870 :gpm Measurement Method: _____ OR Standing water _____

pH: 6.33 Conductivity: 1403 1027 μ S Temperature: _____ °C

Dissolved Oxygen: 4.88 ppm ORP: _____

Slope of pH Cal Curve: _____ Conductivity Standard reading: 1403

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: St. Louis Tunnel County: Dolores

Water Sample ID #: SLT - 03 - 23 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 7/27/23 Time: 11:00 Sampler(s): CV CD
mo day yr

UTM: -108,629444 E 37.787778 N Zone: Elevation: 8865'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1000 :gpm Measurement Method: _____ **OR** Standing water _____

pH: 6.38 Conductivity: 1122 μ S Temperature: 19.2 °C

Dissolved Oxygen: 4.01 ppm ORP: 47.1

Slope of pH Cal Curve: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: St Louis Tunnel County: Dolores

Water Sample ID #: SLT - 04 - 23-001
Site Name (initials) - Trip number - Year - Sample #

Date: 9 / 30 / 23 Time: 11 : 00 Sampler(s): AG JR
mo day yr

UTM: -108.029944 E 37.707778 N Zone: Elevation: 8865'

Current Weather: cloudy, Sun Intensity: High, Med, Low

Previous Weather: dry

Water Description: clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 873 :gpm Measurement Method: inline meter **OR** Standing water

pH: 6.6 Conductivity: 1155 μ S Temperature: 18.8 °C

Dissolved Oxygen: 4.39 ppm ORP: +410

Slope of pH Cal Curve: Conductivity Standard reading:

ORP Standard Reading:

Describe Water Sample Location:

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s)

Any other pertinent information (describe flow estimate clearly):

WATER SAMPLE SHEET

Site Name: Summitville County: Rio Grand

Water Sample ID #: SV - 1 - 24-1

5 / 7 / 24 Site Name (initials) - Trip number - Year - Sample #
Date: 07/24 Time: 12:00 Sampler(s): AD, JY
mo day yr

UTM: -106.59357E 37.42877 N Zone: 11S Elevation: 11300

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 31.9* :gpm Measurement Method: OR Standing water

pH: 2.91 Conductivity: 2360 μ S Temperature: 14.4 °C

Dissolved Oxygen: 4.77 ppm ORP: _____

pH standard reading: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Summitville County: Rio Grande

Water Sample ID #: SV - 02 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 05/30/24 Time: 12:00 Sampler(s): AG
mo day yr

UTM: -106.593567E 37.42877N Zone: Elevation: 11500

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1800 :gpm Measurement Method: _____ OR Standing water

pH: 3.63 Conductivity: 827 μ S Temperature: 16.5 °C

Dissolved Oxygen: 7.58ppm ORP: _____

pH standard reading: 4.00 Conductivity Standard reading: 1427 μ S

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly):
Sample taken from different location for higher
flow rates \rightarrow Main plant influent: summitville dam
impoundment (SDI)

WATER SAMPLE SHEET

Site Name: Summitville County: Rio Grand

Water Sample ID #: SV - 03 - 24 - 01
Site Name (initials) - Trip number - Year - Sample #

Date: 06/14/24 Time: _____ Sampler(s): CU
mo day yr

UTM: -106.59367 E 37.42877 N Zone _____ Elevation: 11500'

Current Weather: _____, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: _____
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: _____:gpm Measurement Method: _____ OR Standing water

pH: 3.04 Conductivity: 1166 μ S Temperature: _____ °C

Dissolved Oxygen: 6.00 ppm ORP: _____

pH standard reading: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Summitville County: Rio Grand

Water Sample ID #: SV - 04 - 24-003
Site Name (initials) - Trip number - Year - Sample #

Date: 6/28/24 Time: 11:20 Sampler(s): JR
mo day yr

UTM: -106.59352 E 37.42877 N Zone: Elevation: 11,500'

Current Weather: Sunny, Sun Intensity: (High), Med, Low

Previous Weather: Cloudy

Water Description: Clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1254
145 :gpm Measurement Method: online OR Standing water

pH: 2.86 Conductivity: 2660 μ S Temperature: 12.6 °C

Dissolved Oxygen: 7.7 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1433

ORP Standard Reading: _____

Describe Water Sample Location: below Culvert where stream
entered holding pond

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Summitville County: Rio Grand

Water Sample ID #: SV - 04 - 24 00122
Site Name (initials) - Trip number - Year - Sample #

Date: 6 / 28 / 24 Time: 10 : 30 Sampler(s): JR
mo day yr

UTM: -10 6.59357E 37.42877 N Zone: Elevation: 11,500

Current Weather: sunny, Sun Intensity: High, Med, Low

Previous Weather: cloudy

Water Description: clear
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 145 :gpm Measurement Method: online OR Standing water

pH: 2.65 Conductivity: 4160 μ S Temperature: 9.3 °C

Dissolved Oxygen: 1.8 ppm ORP: _____

pH standard reading: 3.98 Conductivity Standard reading: 1433

ORP Standard Reading: _____

Describe Water Sample Location: Discharge from Reynold adit

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

WATER SAMPLE SHEET

Site Name: Summitville County: Rio Grand

Water Sample ID #: SV - 05 - 24 - 001
Site Name (initials) - Trip number - Year - Sample #

Date: 07/18/24 Time: 10:00 Sampler(s): JR, EJ, CD, CV, NY
mo day yr

UTM: -106.593567 E 37.42877 N Zone: Elevation: 11,500

Current Weather: mostly sunny, Sun Intensity: High, Med, Low

Previous Weather: _____

Water Description: turbid
(color, murky/clear, any insect/larvae/aquatic life, moss, algae, etc.)

Flow volume: 1208 :gpm Measurement Method: _____ OR Standing water _____

pH: 2.94 Conductivity: 1261 μ S Temperature: 15.4 °C

Dissolved Oxygen: 4.35^g ppm ORP: _____

pH standard reading: _____ Conductivity Standard reading: _____

ORP Standard Reading: _____

Describe Water Sample Location: _____

(adit, shaft, dump seep, stream [upstream or downstream from source], effluent just below dump, effluent just above confluence with receiving stream, etc.)

Photos Taken? (#s) _____

Any other pertinent information (describe flow estimate clearly): _____

Main Adit
- DO taken later @ lab