

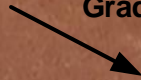


SCALE



1 inch = approximately 40 feet

Estimated
Topographic
Gradient



Background-8 Sample Date 2/16/2021

Parameter	Depth (bgs)	Value
PID	8ft	0.0
SAR	8ft	147
EC	8ft	0.899
pH	8ft	7.09
Boron	8ft	0.1
Arsenic	8ft	0.422
Barium	8ft	112
Cadmium	8ft	ND
Chromium (VI)	8ft	ND
Copper	8ft	149
Lead	8ft	18
Nickel	8ft	132
Selenium	8ft	ND
Silver	8ft	ND
Zinc	8ft	6.61

Schneider-14.5 Sample Date 2/16/2021

Parameter	Depth (bgs)	Value
PID	14.5ft	2560
DRO	14.5ft	132
GRO	14.5ft	163
RRO	14.5ft	ND
Benzene	14.5ft	0.0775
Toluene	14.5ft	1.2
Ethylbenzene	14.5ft	0.236
Xylenes	14.5ft	3.87
1,2,4 TMB	14.5ft	1.68
1,3,5 TMB	14.5ft	0.766

Schneider-16 Sample Date 2/17/2021

Parameter	Depth (bgs)	Value
PID	16ft	1650
DRO	16ft	87.4
GRO	16ft	10.1
RRO	16ft	ND
Benzene	16ft	ND
Toluene	16ft	ND
Ethylbenzene	16ft	ND
Xylenes	16ft	0.0629
1,2,4 TMB	16ft	0.0104
1,3,5 TMB	16ft	0.100

Schneider-10 Sample Date 2/16/2021

Parameter	Depth (bgs)	Value
PID	10ft	3935
DRO	10ft	3550
GRO	10ft	3550
RRO	10ft	1090
Benzene	10ft	2.69
Toluene	10ft	62.2
Ethylbenzene	10ft	9.54
Xylenes	10ft	14.4
1,2,4 TMB	10ft	45.5
1,3,5 TMB	10ft	21.8
SAR	10ft	13.25
EC	10ft	3.91
pH	10ft	6.92
Boron	10ft	0.4
Arsenic	10ft	0.631
Barium	10ft	89.5
Cadmium	10ft	0.0262
Chromium (VI)	10ft	ND
Copper	10ft	2.40
Lead	10ft	2.34
Nickel	10ft	189
Selenium	10ft	0.392
Silver	10ft	ND
Zinc	10ft	8.47

Approximate Spill Area
9 feet x 9 feet x 16 feet

LEGEND

- Confirmation Soil Sample Location
- Approximate Spill Boundary
- bgs - Below Ground Surface
- GRO - Gasoline range organics reported in milligrams per kilogram (mg/kg)
- DRO - Diesel range organics reported in milligrams per kilogram (mg/kg)
- RRO - Residual Range Organics reported in milligrams per kilogram (mg/kg)
- TMB - Trimethylbenzene
- PID - Photoionization Detector reported in parts per million (ppm)
- ND - Not detected above laboratory reporting limit
- EC - Electrical Conductivity / Specific Conductance
Reported in millimhos per centimeter (mmhos/cm)
- pH - Reported in pH standard units
- SAR - Sodium Absorption Ratio
- Values in **BOLD** are greater than their respective COGCC 915-1 Protection of Groundwater Soil Screening Concentration Levels

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Google Earth

PROJECT NO: 021-02505

DRAWN BY: PTW

DATE: 3/01/21

Schneider 179 HNX Flowline Release
Confirmation Soil Sample Locations
NWSW S71 T4S R66W, Weld County, Colorado

olsson

1525 Raleigh Street
Suite 400
Denver, CO 80204
TEL 303-237-2072
FAX 303-237-2659

FIGURE

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