

TABLE 1
Soil Sample and Field Screening Information
Champlin 117 Amoco G #5 Wellhead and Flowline. Adams County, CO

Sample Information				
Sample ID	Depth	Sample Date	Latitude	Longitude
Units -->	ft-bgs	mm/dd/yyyy	Decimal Degree (NAD83)	
WH01@6	6	5/23/2023	39.923299	-104.750058
WH01-N@0.5	0.5	5/23/2023	39.923324	-104.750072
WH01-E@0.5	0.5	5/23/2023	39.923304	-104.750043
WH01-S@0.5	0.5	5/23/2023	39.923280	-104.750067
WH01-W@0.5	0.5	5/23/2023	39.923302	-104.750098
FLR01@4	4	5/23/2023	39.923299	-104.750058
SEP01-FL@4	4	5/23/2023	39.922793	-104.750263

Notes:

ft-bgs - feet below ground surface

TABLE 2
Soil Analytical Results Summary Table - Organics
Champlin 117 Amoco G #5 Wellhead and Flowline, Adams County, CO

Sample Information				BTEXN + TMBs							TPH			
Sample ID	Depth	Sample Date	PID Field Screening	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Naphthalene	1,2,4-TMB	1,3,5-TMB	GRO	DRO	ORO	TPH
Units -->	ft-bgs	mm/dd/yyyy	ppm	mg/kg							mg/kg			
COGCC RSSL -->				1.2	490	5.8	58	2	30	27	500	500	500	500
COGCC GWSSL -->				0.0026	0.69	0.78	9.9	0.0038	0.0081	0.0087	500	500	500	500
SEP01-FL@4	4	5/24/2023	0.0	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050	<0.50	<50	<50	<100.50
WH01@6	6	5/23/2023	0.2	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050	<0.50	<50	<50	<100.50
FLR01@4	4	5/23/2023	0.0	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.0050	<0.0050	<0.50	<50	<50	<100.50

Notes:

GRO - Gasoline Range Organics	ppm - parts per million
DRO - Diesel Range Organics	COGCC - Colorado Oil and Gas Conservation Commission
ORO - Oil Range Organics	BTEXN - Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene
TPH - Total Petroleum Hydrocarbons	RSSL - Residential Soil Screening Level
PID - Photo Ionization Detector	GWSSL - Groundwater Soil Screening Level
TMB - Trimethylbenzene	< - indicates result is below the laboratory reporting limit
ft-bgs - feet below ground surface	mg/kg - milligrams per kilogram

TABLE 3
Soil Analytical Results Summary Table - PAHs
Champlin 117 Amoco G #5 Wellhead and Flowline, Adams County, CO

Sample Information				PAHs													
Sample ID	Depth	Sample Date	PID Field Screening	Acenaphthene	Anthracene	Benz(a)-anthracene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-methylnaphthalene	2-methylnaphthalene	Pyrene
Units -->	ft-bgs	mm/dd/yyyy	ppm	mg/kg													
COGCC RSSL -->				360	1800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	180
COGCC GWSSL -->				0.55	5.8	0.011	0.3	2.9	0.24	9	0.096	8.9	0.54	0.98	0.006	0.019	1.3
WH01@6	6	5/23/2023	0.2	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
FLR01@4	4	5/23/2023	0.0	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

Notes:

ft-bgs - feet below ground surface
 PID - Photo Ionization Detector
 ppm - parts per million
 mg/kg - milligrams per kilogram

COGCC - Colorado Oil and Gas Conservation Commission
 RSSL - Residential Soil Screening Level
 GWSSL - Groundwater Soil Screening Level
 < - indicates result is below the laboratory reporting limit

TABLE 4
Soil Analytical Results Summary Table - Inorganics
Champlin 117 Amoco G #5 Wellhead and Flowline. Adams County, CO

Sample Information				Soil Suitability for Reclamation			
Sample ID	Depth	Sample Date	PID Field Screening	EC	SAR	pH	Boron
Units -->	ft-bgs	mm/dd/yyyy	ppm	mmhos/cm	Unitless	Unitless	mg/l
COGCC RSSL -->				<4	<6	6.0 - 8.3	2
COGCC GWSSL -->				<4	<6	6.0 - 8.3	2
WH01@6	6	5/23/2023	0.0	0.175	0.153	7.61	0.0493
FLR01@4	4	5/23/2023	0.2	0.191	0.0475	7.59	0.158

Notes:

PID - Photo Ionization Detector
 EC - Electrical Conductivity
 SAR - Sodium adsorption ratio
 ft-bgs - feet below ground surface
 ppm - parts per million
 mg/l - milligrams per liter

COGCC - Colorado Oil and Gas Conservation Commission
 RSSL - Residential Soil Screening Level
 GWSSL - Groundwater Soil Screening Level
 mmhos/cm - millimhos of mercury per centimeter
 < - indicates result is below the laboratory reporting limit