

**Fulcrum Energy Operating - Surprise Damfino S6
Attachment B - Soil Sampling Summary**

Sample ID	Date Sampled	Latitude	Longitude	Depth (inch)	EC Screening (µS/cm)	PID Screening (PPM)	Submitted for Analysis	Notes
Background - 4/27/2023								
BG_02 @ 5'	4/27/2023	40.513303	-106.417466	60	3.4	0.5	REC, As	West of pad
BG_03 @ 5'	4/27/2023	40.512791	-106.418289	60	4.3	0.4	REC, As	NW of pad
Excavation Sampling - 7/31/2023								
SD 1 @ 15"	7/31/2023	40.512665°	-106.417393°	15"	NA	5.4	Table 915-1	West of Damfino 5-6H31
SD 2 @ 15"	7/31/2023	40.512756°	-106.417341°	15"	NA	44.6	Table 915-1	West of Damfino 7-6H31
SD 3 @ 30"	7/31/2023	40.512847°	-106.417275°	30"	NA	19.4	Table 915-1	North of Damfino 7-6H31
SD 4 @ 18"	7/31/2023	40.512813°	-106.417177°	18"	NA	25.3	Table 915-1	NE of Damfino 7-6H31
SD 5 @ 12"	7/31/2023	40.512779°	-106.417115°	12"	NA	15.3	Table 915-1	East of Damfino 7-6H31
SD 6 @ 15"	7/31/2023	40.512699°	-106.417149°	15"	NA	7.1	Table 915-1	East of Damfino 8-6H31
SD 7 @ 30"	7/31/2023	40.512599°	-106.417235°	30"	NA	10.7	Table 915-1	SE of Damfino 5-6H31
SD 8 @ 24"	7/31/2023	40.512782°	-106.416943°	24"	NA	10.3	Table 915-1	SWW of Damfino 2-06H
SD 9 @ 24"	7/31/2023	40.512681°	-106.416974°	24"	NA	7.2	Table 915-1	SSW of Damfino 2-06H
SD 10 @ 12"	7/31/2023	40.512623°	-106.417021°	12"	NA	20.2	Table 915-1	West of Damfino 4-06H
SD 11 @ 8"	7/31/2023	40.512929°	-106.416662°	8"	NA	4.6	Table 915-1	Base of overburden pile
SD 12 @ 12"	7/31/2023	40.512712°	-106.416958°	12"	NA	6.3	Table 915-1	SW of Damfino 2-06H
SD 13 @ 24"	7/31/2023	40.512733°	-106.416878°	24"	NA	37.1	Table 915-1	South of Damfino 2-06H
SDSP1 @ 6"	7/31/2023	40.512684°	-106.416622°	6"	NA	22.4	Table 915-1	Below impacted soil pile
SDSP2 @ 6"	7/31/2023	40.512512°	-106.417130°	6"	NA	8.3	Table 915-1	Below impacted soil pile
Excavation Sampling - 8/1/2023								
SD WH1 E @ 24"	8/1/2023	40.51279722	-106.4168694	24"	NA	16.5	Table 915-1	Adjacent East of Damfino 2-06H
SD WH2 N @ 48"	8/1/2023	40.51280833	-106.4168833	48"	NA	3.2	Table 915-1	Adjacent North of Damfino 2-06H
SD WH3 SE @ 48"	8/1/2023	40.51278611	-106.4168694	48"	NA	17.5	Table 915-1	Adjacent SE of Damfino 2-06H
SD WH4 S @ 48"	8/1/2023	40.51278056	-106.4168861	48"	NA	17.6	Table 915-1	Adjacent South of Damfino 2-06H
SD WH5 SW @ 48"	8/1/2023	40.51278056	-106.4169028	48"	NA	28.9	Table 915-1	Adjacent SW of Damfino 2-06H
SD 8 @ 48"	8/1/2023	40.51281944	-106.4169028	48"	NA	0.9	Table 915-1	SWW of Damfino 2-06H
SD WH6 @ 60"	8/1/2023	40.51278611	-106.4169028	60"	NA	3.3	Table 915-1	Adjacent West of Damfino 2-06H
SD 16 @ 16"	7/31/2023	40.512718°	-106.417336°	16"	NA	17.5		Adjacent West of Damfino 7-6H31
Excavation Sampling - 8/3/2023								
SD 3 @ 40"	8/3/2023	40.51280556	-106.4172833	40"	NA	0.1	Table 915-1	North of Damfino 7-6H31
SDSP2 @ 36"	8/3/2023	40.51265	-106.4167028	36"	NA	0.5	Table 915-1	Below impacted soil pile
SDSP3 @ 36"	8/3/2023	40.512625	-106.4166306	36"	NA	0.5	Table 915-1	Below impacted soil pile
SD 7-1 @ 96"	8/3/2023	40.51276111	-106.4173167	96"	NA	0.2	Table 915-1	Adjacent West of Damfino 7-6H31
SD 7-2 @ 96"	8/3/2023	40.51275278	-106.4173056	96"	NA	0.3	Table 915-1	Adjacent South of Damfino 7-6H31
SD 17 @ 36"	8/3/2023	40.5129	-106.4170139	36"	NA	0.2	Table 915-1	NW of Damfino 2-06H
SD 18 @ 36"	8/3/2023	40.51295556	-106.416825	36"	NA	0.2	Table 915-1	North of Damfino 2-06H
SD 19 @ 36"	8/3/2023	40.51266667	-106.4169222	36"	NA	0.8	Table 915-1	South of Damfino 2-06H
SD 20 @ 36"	8/3/2023	40.51251944	-106.4172056	36"	NA	0.5	Table 915-1	SE of Damfino 5-6H31
SD 21 @ 36"	8/3/2023	40.51248333	-106.4178917	36"	NA	1.8	Table 915-1	West corner of the pad
Excavation Sampling - 8/10/2023								
SD 7-1 @ 108"	8/10/2023	40.51276111	-106.4173167	108"	29.2	11.2	REC	Adjacent West of Damfino 7-6H31
SD 7-1 @ 120"	8/10/2023	40.51276111	-106.4173167	120"	11	8.1	REC	Adjacent West of Damfino 7-6H31
SD WH1 E @ 48"	8/10/2023	40.51279722	-106.4168694	48"	77.7	3.4	REC	Adjacent East of Damfino 2-06H
SD 20 @ 48"	8/10/2023	40.51251944	-106.4172056	48"	34.6	4.9	REC	SE of Damfino 5-6H31
Excavation Sampling - 8/15/2023								
SD 10 @ 36"	8/15/2023	40.512623°	-106.417021°	36"	95.7	0.9	Table 915-1	West of Damfino 4-06H
SD SP1 @ 48"	8/15/2023	40.512684°	-106.416622°	48"	14.4	2.5	Table 915-1	Below impacted soil pile
SD 12 @ 48"	8/15/2023	40.512712°	-106.416958°	48"	83.4	1.7	Table 915-1	SW of Damfino 2-06H
Excavation Sampling - 8/23/2023								
SD WH5 SW @ 60"	8/1/2023	40.51278056	-106.4169028	48"	NA	28.9	Table 915-1	Adjacent SW of Damfino 2-06H
SD WH4 S @ 60"	8/1/2023	40.51278056	-106.4168861	48"	NA	17.6	Table 915-1	Adjacent South of Damfino 2-06H
SD 12 @ 60"	8/23/2023	40.512712°	-106.416958°	48"	83.4	1.7	Table 915-1	SW of Damfino 2-06H
SD 11 @ 36"	8/23/2023	40.512929°	-106.416662°	36"	95.7	0.9	Table 915-1	West of Damfino 4-06H

REC - Soil Suitability Parameters

As - Arsenic

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

TPH - Total Petroleum Hydrocarbons

TMB - Trimethylbenzene

HOLD - Sample collected but not submitted to lab for analysis

NA - Not Analyzed