

TABLE 1
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE ENERGY INC.
WELLS RANCH AE20 (FLOW LINE), WELD COUNTY, COLORADO
FREMONT PROJECT NO. C022-037

Sample ID	Sample Date	Depth (ft)	pH	EC (mmhos/cm)	SAR	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
TP-N 3 Ft	4/7/2022	3	8.08	0.274	0.669	0.178
TP-S 5 Ft	4/7/2022	5	7.65	0.783	2.44	0.357
TP-Mid 4 Ft	4/7/2022	4	8.07	0.368	0.818	0.236
TP-E 2 Ft	4/7/2022	2	8.02	0.452	0.231	0.1
BKG-1 1 Ft	4/7/2022	1	8.3	0.336	1.11	0.535
N. Ex. N Wall 3 Ft	4/13/2022	3	7.64	0.383	0.475	0.059
N. Ex. E Wall 2 Ft	4/13/2022	2	7.71	1.54	1.12	0.109
N. Ex. Mid 2 Ft	4/13/2022	2	7.95	0.23	0.24	0.0913
N. Ex. W Wall 3 Ft	4/13/2022	3	7.95	0.196	0.176	0.072
E Pit N Wall 5 Ft	4/13/2022	5	7.82	1.16	1.95	0.149
E Pit S Wall 5 Ft	4/13/2022	5	8.08	0.355	1.42	0.158
E Pit E Wall 5 Ft	4/13/2022	5	7.92	0.59	1.95	0.155
E Pit W Wall 5 Ft	4/13/2022	5	7.99	0.46	1.83	0.15
E Pit Floor 7 Ft	4/13/2022	7	7.6	0.783	1.76	0.161
W Pit N Wall 5 Ft	4/13/2022	5	7.69	4.13	21.5	1.6
W Pit S Wall 5 Ft	4/13/2022	5	7.79	5.78	48.8	1.27
W Pit E Wall 5 Ft	4/13/2022	5	7.89	2.41	3.54	0.148
W Pit W Wall 5 Ft	4/13/2022	5	7.7	7.35	10.6	0.466
W Pit Floor 7 Ft	4/13/2022	7	7.79	0.868	1.94	0.179
E PIT-N WALL 6FT	04/21/2022	6	8.77	0.211	0.0711	0.215
METER-FLOOR 3FT	04/21/2022	3	8.67	0.175	0.0292	0.2
METER-W WALL 2FT	04/21/2022	2	8.53	0.177	0.0201	0.171
W PIT-W WALL 6FT	04/21/2022	6	8.61	0.354	0.0626	0.235
BKG E-N 6FT	03/01/2023	6	8.09	NA	NA	NA
BKG E-S 6FT	03/01/2023	6	7.89	NA	NA	NA
BKG N 6FT	03/01/2023	6	8.52	NA	NA	NA

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ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
BKG S 6FT	03/01/2023	6	6.21	NA	NA	NA
BKG W 6FT	03/01/2023	6	7.96	NA	NA	NA
BKG-A 3FT	08/08/2024	3	8.81	0.162	0.083	NA
BKG-A 5FT	08/08/2024	5	8.45	0.498	1.19	NA
BKG-A 7FT	08/08/2024	7	8.02	3.11	3.76	NA
BKG-B 3FT	08/08/2024	3	7.33	1.64	1.97	NA
BKG-B 5FT	08/08/2024	5	7.69	1.31	0.551	NA
BKG-B 6FT	08/08/2024	6	8.28	0.62	0.293	NA
BKG-B 7FT	08/08/2024	7	7.41	0.969	2.75	NA
BKG-C 3FT	08/08/2024	3	7.34	0.102	0.0214	NA
BKG-C 5FT	08/08/2024	5	6.02	0.3	0.0372	NA
BKG-C 6FT	08/08/2024	6	6.73	0.428	0.301	NA
BKG-C 7FT	08/08/2024	7	8.12	0.6	0.196	NA
BKG-D 3FT	08/08/2024	3	8.16	0.122	0.104	NA
BKG-D 5FT	08/08/2024	5	8.35	0.19	0.264	NA
BKG-D 6FT	08/08/2024	6	9.2	0.113	0.29	NA
BKG-D 7FT	08/08/2024	7	8.71	0.191	0.419	NA
BKG-E 3FT	08/08/2024	3	8.35	0.654	0.729	NA
BKG-E 5FT	08/08/2024	5	8.85	0.265	0.568	NA
BKG-E 6FT	08/08/2024	6	8.78	0.3	0.532	NA
BKG-E 7FT	08/08/2024	7	8.86	0.283	0.771	NA

Bold faced values exceed the ECMC Table 915-1 concentrations

Yellow highlighted 915-1 Limits indicate the referenced soil screening level (SSL)