

THIRD QUARTER 2024

SITE MONITORING DATA

MUNDS 13-29, DICKERSON 14-29A

ECMC SPILL TRACKING # 459197
ECMC REMEDIATION # 12255

Prepared for:



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TABLE 1
GROUNDWATER ELEVATION DATA
NOBLE ENERGY, INC. - MUNDs 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Top of Casing Elevation (ft. AMSL)	Total Depth (ft. BTOC)	Depth to Water ⁽¹⁾ (ft. BGS)	Depth to LNAPL (ft. BGS)	LNAPL Thickness (ft.)	Groundwater Elevation* (ft. AMSL)
BH16	04/07/21	4887.84	13.26	4.68	ND	ND	4883.42
BH16	06/15/21	4887.84	13.26	5.13	ND	ND	4882.97
BH16	09/21/21	4887.84	13.26	6.48	ND	ND	4881.62
BH16	12/28/21	4887.84	13.10	7.59	ND	ND	4880.51
BH16	03/15/22	4887.84	13.09	6.13	ND	ND	4881.97
BH16	06/27/22	4887.84	13.10	5.87	ND	ND	4882.23
BH16	09/21/22	4887.84	13.27	7.92	ND	ND	4880.18
BH16	12/21/22	4887.84	13.27	8.41	ND	ND	4879.69
BH16	03/14/23	4887.84	13.11	6.23	ND	ND	4881.87
BH16	06/14/23	4887.84	13.09	0.51	ND	ND	4887.59
BH16	09/25/23	4887.84	13.10	1.28	ND	ND	4886.82
BH16	12/08/23	4887.84	13.24	6.07	ND	ND	4882.03
BH16	03/29/24	4887.84	13.27	5.37	ND	ND	4882.73
BH16	06/13/24	4887.84	13.13	6.01	ND	ND	4882.09
BH16	09/17/24	4887.84	13.27	8.39	ND	ND	4879.71
BH17	04/07/21	4890.50	14.45	5.73	ND	ND	4885.09
BH17	06/15/21	4890.50	12.34	5.46	ND	ND	4885.36
BH17	09/21/21	4890.50	12.28	5.96	ND	ND	4884.86
BH17	12/28/21	4890.50	12.85	6.82	ND	ND	4884.00
BH17	03/15/22	4890.50	12.84	7.15	ND	ND	4883.67
BH17	06/27/22	4890.50	12.85	6.45	ND	ND	4884.37
BH17	09/21/22	4890.50	12.85	6.86	ND	ND	4883.96
BH17	12/21/22	4890.50	13.02	6.86	ND	ND	4883.96
BH17	03/14/23	4890.50	12.84	7.03	ND	ND	4883.79
BH17	06/14/23	4890.50	12.85	2.85	ND	ND	4887.97
BH17	09/25/23	4890.50	12.81	3.52	ND	ND	4887.30
BH17	12/08/23	4890.50	12.84	6.50	ND	ND	4884.32
BH17	03/29/24	4890.50	12.85	6.26	ND	ND	4884.56
BH17	06/13/24	4890.50	12.85	6.53	ND	ND	4884.29
BH17	09/17/24	4890.50	13.01	6.92	ND	ND	4883.90
BH18	06/15/21	Temporary Monitoring Well - Elevation Data Not Collected					
BH18	09/21/21	Guaging Pending New Monitoring Well - Elevation Data Not Collected					
BH18	12/06/21	4889.96	13.55	6.59	ND	ND	4883.63
BH18	12/28/21	4889.96	13.51	6.58	ND	ND	4883.64
BH18	03/15/22	4889.96	13.51	6.98	ND	ND	4883.24
BH18	06/27/22	4889.96	13.51	6.76	ND	ND	4883.46
BH18	09/21/22	4889.96	13.50	7.20	ND	ND	4883.02
BH18	12/21/22	4889.96	13.51	6.68	ND	ND	4883.54
BH18	03/14/23	4889.96	13.52	6.97	ND	ND	4883.25
BH18	06/14/23	4889.96	13.25	2.87	ND	ND	4887.35
BH18	09/25/23	4889.96	13.25	3.49	ND	ND	4886.73
BH18	12/08/23	4889.96	13.54	6.28	ND	ND	4883.94
BH18	03/29/24	4889.96	13.55	6.76	ND	ND	4883.46

TABLE 1
GROUNDWATER ELEVATION DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A



Monitoring Well ID	Date	Top of Casing Elevation (ft. AMSL)	Total Depth (ft. BTOC)	Depth to Water ⁽¹⁾ (ft. BGS)	Depth to LNAPL (ft. BGS)	LNAPL Thickness (ft.)	Groundwater Elevation* (ft. AMSL)
BH18	06/13/24	4889.96	13.51	6.67	ND	ND	4883.55
BH18	09/17/24	4889.96	13.48	6.95	ND	ND	4883.27
BH19	06/15/21	4892.11	12.18	3.77	ND	ND	4888.69
BH19	09/21/21	4892.11	12.09	3.75	ND	ND	4888.71
BH19	12/28/21	4892.11	12.18	5.35	ND	ND	4887.11
BH19	03/15/22	4892.11	12.19	5.97	ND	ND	4886.49
BH19	06/27/22	4892.11	12.15	4.45	ND	ND	4888.01
BH19	09/21/22	4892.11	12.11	5.12	ND	ND	4887.34
BH19	12/21/22	4892.11	12.10	5.63	ND	ND	4886.83
BH19	03/14/23	4892.11	12.05	6.03	ND	ND	4886.43
BH19	06/14/23	4892.11	12.05	2.54	ND	ND	4889.92
BH19	09/25/23	4892.11	12.08	3.41	ND	ND	4889.05
BH19	12/08/23	4892.11	12.02	5.04	ND	ND	4887.42
BH19	03/29/24	4892.11	12.04	5.95	ND	ND	4886.51
BH19	06/13/24	4892.11	12.03	4.68	ND	ND	4887.78
BH19	09/17/24	4892.11	12.00	4.97	ND	ND	4887.49
BH20	06/15/21	4892.66	11.76	2.83	ND	ND	4890.00
BH20	09/21/21	4892.66	11.02	2.86	ND	ND	4889.97
BH20	12/28/21	4892.66	11.36	4.63	ND	ND	4888.20
BH20	03/15/22	4892.66	11.28	5.31	ND	ND	4887.52
BH20	06/27/22	4892.66	11.32	3.61	ND	ND	4889.22
BH20	09/21/22	4892.66	11.26	4.46	ND	ND	4888.37
BH20	12/21/22	4892.66	11.77	4.94	ND	ND	4887.89
BH20	03/14/23	4892.66	11.41	5.46	ND	ND	4887.37
BH20	06/14/23	4892.66	11.21	2.01	ND	ND	4890.82
BH20	09/25/23	4892.66	11.21	2.86	ND	ND	4889.97
BH20	12/08/23	4892.66	11.11	4.42	ND	ND	4888.41
BH20	03/29/24	4892.66	11.10	5.28	ND	ND	4887.55
BH20	06/13/24	4892.66	11.20	4.06	ND	ND	4888.77
BH20	09/17/24	4892.66	11.09	4.19	ND	ND	4888.64
BH21	06/15/21	4890.86	13.18	4.90	ND	ND	4886.18
BH21	09/21/21	Unable to Locate Monitoring Well - Elevation Data Not Collected					
BH21	12/28/21	4890.86	13.15	6.34	ND	ND	4884.74
BH21	03/15/22	4890.86	13.17	6.81	ND	ND	4884.27
BH21	06/27/22	4890.86	13.16	5.71	ND	ND	4885.37
BH21	09/21/22	4890.86	12.79	6.37	ND	ND	4884.71
BH21	12/21/22	4890.86	12.77	6.66	ND	ND	4884.42
BH21	03/14/23	4890.86	12.66	6.73	ND	ND	4884.35
BH21	06/14/23	4890.86	12.68	4.36	ND	ND	4886.72
BH21	09/25/23	4890.86	12.70	5.20	ND	ND	4885.88
BH21	12/08/23	4890.86	12.68	6.11	ND	ND	4884.97
BH21	03/29/24	4890.86	12.67	6.37	ND	ND	4884.71
BH21	06/13/24	4890.86	12.69	5.68	ND	ND	4885.40
BH21	09/17/24	4890.86	12.73	6.45	ND	ND	4884.63
BH22	06/15/21	4888.83	9.48	5.41	5.39	0.02	4883.65

TABLE 1
GROUNDWATER ELEVATION DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Top of Casing Elevation (ft. AMSL)	Total Depth (ft. BTOC)	Depth to Water ⁽¹⁾ (ft. BGS)	Depth to LNAPL (ft. BGS)	LNAPL Thickness (ft.)	Groundwater Elevation* (ft. AMSL)
BH22	09/21/21	4888.83	9.48	6.24	5.83	0.41	4883.12
BH22	12/28/21	4888.83	NA	6.64	6.34	0.30	4882.63
BH22	03/15/22	4888.83	NA	6.60	6.59	0.01	4882.46
BH22	06/27/22	4888.83	NA	6.33	6.27	0.06	4882.76
BH22	09/21/22	4888.83	9.48	6.85	6.79	0.06	4882.24
BH22	12/21/22	4888.83	9.48	6.48	ND	ND	4882.57
BH22	03/14/23	4888.83	9.47	6.56	ND	ND	4882.49
BH22	06/14/23	4888.83	9.47	3.98	ND	ND	4885.07
BH22	09/25/23	4888.83	9.49	4.80	ND	ND	4884.25
BH22	12/08/23	4888.83	9.45	6.17	ND	ND	4882.88
BH22	03/29/24	4888.83	9.47	6.27	ND	ND	4882.78
BH22	06/13/24	4888.83	9.48	6.24	ND	ND	4882.81
BH22	09/17/24	4888.83	9.47	6.71	ND	ND	4882.34
BH23	06/15/21	4887.00	12.34	12.46	ND	ND	4874.88
BH23	09/21/21	4887.00	12.35	12.53	ND	ND	4874.81
BH23	12/28/21	4887.00	12.09	NA	ND	ND	DRY
BH23	03/15/22	4887.00	12.09	NA	ND	ND	DRY
BH23	06/27/22	4887.00	12.09	NA	ND	ND	DRY
BH23	09/21/22	4887.00	12.09	NA	ND	ND	DRY
BH23	12/21/22	4887.00	12.36	NA	ND	ND	DRY
BH23	03/14/23	4887.00	12.43	12.49	ND	ND	4874.85
BH23	06/14/23	4887.00	12.35	9.68	ND	ND	4877.66
BH23	09/25/23	4887.00	12.36	12.40	ND	ND	4874.94
BH23	12/08/23	4887.00	12.08	NA	ND	ND	DRY
BH23	03/29/24	4887.00	12.10	NA	ND	ND	DRY
BH23	06/13/24	4887.00	12.10	NA	ND	ND	DRY
BH23	09/17/24	4887.00	12.09	NA	ND	ND	DRY
BH24	06/15/21	4888.54	13.51	9.87	ND	ND	4878.84
BH24	09/21/21	4888.54	13.50	10.02	ND	ND	4878.69
BH24	12/28/21	4888.54	13.31	10.00	ND	ND	4878.71
BH24	03/15/22	4888.54	13.30	10.11	ND	ND	4878.60
BH24	06/27/22	4888.54	13.30	9.91	ND	ND	4878.80
BH24	09/21/22	4888.54	13.50	10.17	ND	ND	4878.54
BH24	12/21/22	4888.54	13.50	10.15	ND	ND	4878.56
BH24	03/14/23	4888.54	13.64	10.01	ND	ND	4878.70
BH24	06/14/23	4888.54	13.29	9.61	ND	ND	4879.10
BH24	09/25/23	4888.54	13.29	10.41	ND	ND	4878.30
BH24	12/08/23	4888.54	13.28	10.07	ND	ND	4878.64
BH24	03/29/24	4888.54	13.30	10.06	ND	ND	4878.65
BH24	06/13/24	4888.54	13.58	9.98	ND	ND	4878.73

TABLE 1
GROUNDWATER ELEVATION DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Top of Casing Elevation (ft. AMSL)	Total Depth (ft. BTOC)	Depth to Water ⁽¹⁾ (ft. BGS)	Depth to LNAPL (ft. BGS)	LNAPL Thickness (ft.)	Groundwater Elevation* (ft. AMSL)
BH24	09/17/24	4888.54	13.50	10.15	ND	ND	4878.56
BH25	06/15/21	4889.28	11.01	4.27	ND	ND	4885.27
BH25	09/21/21	4889.28	10.45	5.84	ND	ND	4883.70
BH25	12/28/21	4889.28	10.64	6.88	ND	ND	4882.66
BH25	12/28/21	4889.28	11.18	7.19	ND	ND	4882.35
BH25	06/27/22	4889.28	12.34	6.94	ND	ND	4882.60
BH25	09/21/22	4889.28	12.34	7.85	ND	ND	4881.69
BH25	12/21/22	4889.28	12.25	12.21	ND	ND	4877.33
BH25	03/14/23	4889.28	12.40	7.11	ND	ND	4882.43
BH25	06/14/23	4889.28	12.40	1.02	ND	ND	4888.52
BH25	09/25/23	4889.28	12.46	1.79	ND	ND	4887.75
BH25	12/08/23	4889.28	12.10	5.75	ND	ND	4883.79
BH25	03/29/24	4889.28	12.14	6.16	ND	ND	4883.38
BH25	06/13/24	4889.28	12.04	6.02	ND	ND	4883.52
BH25	09/17/24	4889.28	12.10	7.82	ND	ND	4881.72
BH26	06/15/21	4888.15	11.63	5.25	ND	ND	4883.06
BH26	09/21/21	4888.15	11.50	6.38	ND	ND	4881.93
BH26	12/28/21	4888.15	11.68	6.01	ND	ND	4882.30
BH26	03/15/22	4888.15	11.72	5.99	ND	ND	4882.32
BH26	06/27/22	4888.15	11.75	5.87	ND	ND	4882.44
BH26	09/21/22	4888.15	11.56	6.79	ND	ND	4881.52
BH26	12/21/22	4888.15	11.66	6.06	ND	ND	4882.25
BH26	03/14/23	4888.15	11.60	5.70	ND	ND	4882.61
BH26	06/14/23	4888.15	11.61	1.53	ND	ND	4886.78
BH26	09/25/23	4888.15	11.53	2.37	ND	ND	4885.94
BH26	12/08/23	4888.15	11.59	5.85	ND	ND	4882.46
BH26	03/29/24	4888.15	11.61	5.31	ND	ND	4883.00
BH26	06/13/24	4888.15	11.64	6.15	ND	ND	4882.16
BH26	09/17/24	4888.15	11.65	6.81	ND	ND	4881.50
BH27	06/15/21	4887.09	13.27	NA	ND	ND	DRY
BH27	09/21/21	4887.09	13.26	NA	ND	ND	DRY
BH27	12/28/21	4887.09	13.00	NA	ND	ND	DRY
BH27	03/15/22	4887.09	13.00	NA	ND	ND	DRY
BH27	06/27/22	4887.09	13.27	NA	ND	ND	DRY
BH27	09/21/22	4887.09	13.26	13.37	ND	ND	4873.88
BH27	12/21/22	4887.09	13.00	13.05	ND	ND	4874.20
BH27	03/14/23	4887.09	13.00	13.10	ND	ND	4874.15
BH27	06/14/23	4887.09	13.00	13.00	ND	ND	4874.14
BH27	09/25/23	4887.09	12.94	NA	ND	ND	DRY
BH27	12/08/23	4887.09	13.24	NA	ND	ND	DRY
BH27	03/29/24	4887.09	12.99	NA	ND	ND	DRY
BH27	06/13/24	4887.09	13.30	NA	ND	ND	DRY
BH27	09/17/24	4887.09	13.25	NA	ND	ND	DRY
BH28	12/06/21	4888.42	13.71	6.26	ND	ND	4882.40
BH28	12/28/21	4888.42	13.44	6.10	ND	ND	4882.56

TABLE 1
GROUNDWATER ELEVATION DATA
NOBLE ENERGY, INC. - MUNDs 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Top of Casing Elevation (ft. AMSL)	Total Depth (ft. BTOC)	Depth to Water ⁽¹⁾ (ft. BGS)	Depth to LNAPL (ft. BGS)	LNAPL Thickness (ft.)	Groundwater Elevation* (ft. AMSL)
BH28	03/15/22	4888.42	13.44	6.26	ND	ND	4882.40
BH28	06/27/22	4888.42	13.44	6.30	ND	ND	4882.36
BH28	09/21/22	4888.42	13.70	6.76	ND	ND	4881.90
BH28	12/21/22	4888.42	13.70	6.05	ND	ND	4882.61
BH28	03/14/23	4888.42	13.71	6.17	ND	ND	4882.49
BH28	06/14/23	4888.42	13.45	2.56	ND	ND	4886.10
BH28	09/25/23	4888.42	13.49	3.52	ND	ND	4885.14
BH28	12/08/23	4888.42	13.68	5.66	ND	ND	4883.00
BH28	03/29/24	4888.42	13.69	5.79	ND	ND	4882.87
BH28	06/13/24	4888.42	13.67	6.08	ND	ND	4882.58
BH28	09/17/24	4888.42	13.44	6.50	ND	ND	4882.16
BH29	12/06/21	4887.17	13.25	NA	ND	ND	DRY
BH29	12/28/21	4887.17	13.23	NA	ND	ND	DRY
BH29	03/15/22	4887.17	13.22	NA	ND	ND	DRY
BH29	06/27/22	4887.17	13.23	NA	ND	ND	DRY
BH29	09/21/22	4887.17	13.20	NA	ND	ND	DRY
BH29	12/21/22	4887.17	13.25	NA	ND	ND	DRY
BH29	03/14/23	4887.17	13.23	NA	ND	ND	DRY
BH29	06/14/23	4887.17	13.31	NA	ND	ND	DRY
BH29	09/25/23	4887.17	13.21	13.22	ND	ND	4874.18
BH29	12/08/23	4887.17	13.22	13.13	ND	ND	4874.27
BH29	03/29/24	4887.17	13.20	NA	ND	ND	DRY
BH29	06/13/24	4887.17	13.21	12.88	ND	ND	4874.52
BH29	09/17/24	4887.17	13.15	NA	ND	ND	DRY
BH30	12/06/21	4890.60	12.00	4.89	ND	ND	4885.88
BH30	12/28/21	4890.60	12.10	4.94	ND	ND	4885.83
BH30	03/15/22	4890.60	12.09	5.11	ND	ND	4885.66
BH30	06/27/22	4890.60	12.08	4.49	ND	ND	4886.28
BH30	09/21/22	4890.60	12.04	5.19	ND	ND	4885.58
BH30	12/21/22	4890.60	12.04	5.13	ND	ND	4885.64
BH30	03/14/23	4890.60	11.78	4.87	ND	ND	4885.90
BH30	06/14/23	4890.60	11.57	2.62	ND	ND	4888.15
BH30	09/25/23	4890.60	11.55	3.50	ND	ND	4887.27
BH30	12/08/23	4890.60	11.58	6.59	ND	ND	4884.18
BH30	03/29/24	4890.60	11.62	4.72	ND	ND	4886.05
BH30	06/13/24	4890.60	11.79	4.78	ND	ND	4885.99
BH30	09/17/24	4890.60	11.65	5.56	ND	ND	4885.21
BH31	12/06/21	4889.10	13.77	6.72	ND	ND	4882.50
BH31	12/28/21	4889.10	13.76	6.74	ND	ND	4882.48
BH31	03/15/22	4889.10	13.53	6.73	ND	ND	4882.49
BH31	06/27/22	4889.10	13.52	6.58	ND	ND	4882.64
BH31	09/21/22	4889.10	13.77	7.53	ND	ND	4881.69
BH31	12/21/22	4889.10	13.78	6.80	ND	ND	4882.42
BH31	03/14/23	4889.10	13.53	6.43	ND	ND	4882.79
BH31	06/14/23	4889.10	13.52	2.44	ND	ND	4886.78

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Monitoring Well ID	Date	Top of Casing Elevation (ft. AMSL)	Total Depth (ft. BTOC)	Depth to Water ⁽¹⁾ (ft. BGS)	Depth to LNAPL (ft. BGS)	LNAPL Thickness (ft.)	Groundwater Elevation* (ft. AMSL)
BH31	09/25/23	4889.10	13.52	3.31	ND	ND	4885.91
BH31	12/08/23	4889.10	13.75	6.58	ND	ND	4882.64
BH31	03/29/24	4889.10	13.78	6.02	ND	ND	4883.20
BH31	06/13/24	4889.10	13.85	6.89	ND	ND	4882.33
BH31	09/17/24	4889.10	13.77	7.43	ND	ND	4881.79
BH32	12/06/21	4885.78	12.03	NA	ND	ND	DRY
BH32	12/28/21	4885.78	12.03	NA	ND	ND	DRY
BH32	03/15/22	4885.78	12.03	NA	ND	ND	DRY
BH32	06/27/22	4885.78	12.05	NA	ND	ND	DRY
BH32	09/21/22	4885.78	12.03	NA	ND	ND	DRY
BH32	12/21/22	4885.78	12.04	NA	ND	ND	DRY
BH32	03/14/23	4885.78	12.03	NA	ND	ND	DRY
BH32	06/14/23	4885.78	12.08	NA	ND	ND	DRY
BH32	09/25/23	4885.78	12.03	NA	ND	ND	DRY
BH32	12/08/23	4885.78	12.05	NA	ND	ND	DRY
BH32	03/29/24	4885.78	11.75	NA	ND	ND	DRY
BH32	06/13/24	4885.78	12.09	NA	ND	ND	DRY
BH32	09/17/24	4885.78	12.09	NA	ND	ND	DRY
BH33	03/29/24	4890.03	20.23	7.40	ND	ND	4882.98
BH33	06/13/24	4890.03	20.23	7.20	ND	ND	4883.18
BH33	09/17/24	4890.03	20.08	7.40	ND	ND	4882.98
BH34	03/29/24	4887.15	28.25	16.96	ND	ND	4870.44
BH34	06/13/24	4887.15	27.76	16.09	ND	ND	4871.31
BH34	09/17/24	4887.15	27.42	16.41	ND	ND	4870.99
BH35	03/29/24	4884.73	22.31	15.81	ND	ND	4869.23
BH35	06/13/24	4884.73	21.91	14.64	ND	ND	4870.40
BH35	09/17/24	4884.73	21.46	14.83	ND	ND	4870.21
BH36	03/29/24	4883.43	21.33	15.93	ND	ND	4868.41
BH36	06/13/24	4883.43	20.85	14.64	ND	ND	4869.70
BH36	09/17/24	4883.43	20.50	14.74	ND	ND	4869.60
BH37	06/14/24	4880.40	18.22	10.74	ND	ND	4870.17
BH37	09/17/24	4880.40	17.88	10.61	ND	ND	4870.30
BH42	12/08/23	4886.80	23.83	16.63	ND	ND	4870.61
BH42	03/29/24	4886.80	23.44	18.86	ND	ND	4868.38
BH42	06/13/24	4886.80	23.20	16.93	ND	ND	4870.31
BH42	09/17/24	4886.80	22.74	17.00	ND	ND	4870.24
BH43	12/08/23	4890.35	23.15	5.91	ND	ND	4884.79
BH43	03/29/24	4890.35	22.65	5.64	ND	ND	4885.06
BH43	06/13/24	4890.35	22.73	5.87	ND	ND	4884.83
BH43	09/17/24	4890.35	22.47	6.61	ND	ND	4884.09
BH44	12/08/23	4891.79	18.21	6.60	ND	ND	4885.53
BH44	03/29/24	4891.79	18.26	6.66	ND	ND	4885.47
BH44	06/13/24	4891.79	18.29	6.40	ND	ND	4885.73
BH44	09/17/24	4891.79	13.23	6.76	ND	ND	4885.37
BH46	03/29/24	4885.52	26.42	16.98	ND	ND	4868.80

TABLE 1
GROUNDWATER ELEVATION DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A



Monitoring Well ID	Date	Top of Casing Elevation (ft. AMSL)	Total Depth (ft. BTOC)	Depth to Water ⁽¹⁾ (ft. BGS)	Depth to LNAPL (ft. BGS)	LNAPL Thickness (ft.)	Groundwater Elevation* (ft. AMSL)
BH46	06/13/24	4885.52	26.09	16.13	ND	ND	4869.65
BH46	09/17/24	4885.52	25.66	16.04	ND	ND	4869.74
BH47	03/29/24	4887.52	20.38	4.75	ND	ND	4882.97
BH47	06/13/24	4887.52	20.35	5.92	ND	ND	4881.80
BH47	09/17/24	4887.52	20.22	6.20	ND	ND	4881.52
BH49	03/29/24	4886.42	28.17	16.29	ND	ND	4870.47
BH49	06/13/24	4886.42	28.07	15.46	ND	ND	4871.30
BH49	09/17/24	4886.42	28.09	15.80	ND	ND	4870.96
BH50	03/29/24	4881.70	21.87	13.03	ND	ND	4868.99
BH50	06/13/24	4881.70	20.85	11.68	ND	ND	4870.34
BH50	09/17/24	4881.70	20.50	12.06	ND	ND	4869.96
BH51	03/29/24	4879.92	22.70	11.46	ND	ND	4868.82
BH51	06/13/24	4879.92	22.00	9.81	ND	ND	4870.47
BH51	09/17/24	4879.92	22.50	9.66	ND	ND	4870.62
BH52	06/13/24	4886.86	22.90	13.31	ND	ND	4873.79
BH52	09/17/24	4886.86	22.90	14.35	ND	ND	4872.75
BH54	06/14/24	4883.50	21.86	14.41	ND	ND	4869.45
BH54	09/17/24	4883.50	21.23	14.27	ND	ND	4869.59

Notes:

⁽¹⁾ Depth to water measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.

* Groundwater elevation was corrected for product thickness (when present) using the following calculation:

Groundwater elevation = (TOC Elevation - Measured Depth to Water)+(LNAPL Thickness in Well x LNAPL Relative Density)

LNAPL relative density was estimated to be approximately 0.75

Definitions:

ft. = Feet

AMSL = Above mean sea level

BTOC = Below top of casing

BGS = Below ground surface

LNAPL = Light non-aqueous phase liquid

ND = No LNAPL detected

NA = Not applicable

TABLE 2
GROUNDWATER ANALYTICAL DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Groundwater Standard ⁽¹⁾		5	560	700	1,400	140	67	67	<1.25 x Background	250 or <1.25 x Background	250 or <1.25 x Background
BH16	04/07/21	750	<1.0	69	430	4	60	76	1,740	251	283
BH16	06/15/21	1,500	<1.0	150	850	8	150	96	1,640	369	504
BH16	09/21/21	770	<1.0	11	12	<1.0	4.7	<1.0	Insufficient Water For Inorganic Analytes		
BH16	12/28/21	14	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,370	231	136
BH16	03/15/22	140	<1.0	8.8	22	2.0	4.2	1.7	1,220	255	76.6
BH16	06/27/22	340	<1.0	24.0	73	1.6	9.5	3.7	1,160	302	64.6
BH16	09/21/22	7.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,400	249	122.0
BH16	12/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,140	226	56.1
BH16	03/14/23	49	<1.0	4.0	10	<1.0	1.4	<1.0	1,200	270	95.6
BH16	06/14/23	55	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,610	186	844
BH16	09/25/23	380	<1.0	10	<2.0	<1.0	28	<1.0	1,620	378	391
BH16	12/08/23	30	<1.0	1.8	6.1	<1.0	2.7	<1.0	1,470	397	254
BH16	03/29/24	22	<1.0	5.3	<2.0	<1.0	2.4	<1.0	2,000	56.0	247
BH16	06/13/24	64	<1.0	<1.0	<2.0	<1.0	5.2	<1.0	1,550	539	159
BH16	09/17/24	2.1	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,470	373	155
BH17	04/07/21	20	3	920	12,000	21	150	180	2,420	735	518
BH17	06/15/21	11	<1.0	470	6,400	15	500	400	1,500	339	321
BH17	09/21/21	48	3.2	2,000	33,000	10	3,500	3,000	938	247	21.4
BH17	12/28/21	19	<1.0	440	7,300	13	380	330	1,160	141	0.7
BH17	03/15/22	34	2.4	760	11,000	29	350	500	1,000	146	3.00
BH17	06/27/22	13	1.3	360	5,300	15	180	150	3,220	979	1,060
BH17	09/21/22	<100*	<100	2,100	28,000	<100	1,500	1,200	1,540	299	61.2
BH17	12/21/22	40	<1.0	62	14,000	18	240	110	1,120	197	0.800
BH17	03/14/23	<100*	<100	3,500	51,000	<100	5,100	4,600	1,830	392	182
BH17	06/14/23	<1.0	<1.0	83	410	3.0	65	63	5,030	1,830	1,600
BH17	09/25/23	14	<1.0	270	1,700	3.2	170	98	3,060	1,280	<6.00
BH17	12/08/23	11	<1.0	230	2,600	6.3	120	87	3,060	1,210	<60.0
BH17	03/29/24	30	<1.0	<1.0	5,400	<100	270	210	3,140	980	102
BH17	06/13/24	<100*	<100	310	9,200	<100	580	460	2,230	866	<60.0
BH17	09/17/24	11	<1.0	460	5,700	14	460	350	2,000	604	48.8
BH18	06/15/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,510	385	515
BH18	09/21/21	Not Sampled - Sample Pending New Monitoring Well									
BH18	12/06/21	1.4	<1.0	100	660	2.6	130	120	2,190	127	261
BH18	12/28/21	<1.0	<1.0	42	390	2.5	91	81	1,510	185	401
BH18	03/15/22	<1.0	<1.0	32	310	2.9	100	92	1,290	207	309
BH18	06/27/22	<1.0	<1.0	11	46	1.5	39	29	1,150	224	264
BH18	09/21/22	<1.0	<1.0	3.2	9.7	<1.0	24	5.8	1,420	181	393
BH18	12/21/22	<1.0	<1.0	1.6	12	<1.0	14	1.1	1,160	155	199
BH18	03/14/23	<1.0	<1.0	3.6	31	<1.0	21	12.0	870	133	195
BH18	06/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,220	646	648

TABLE 2
GROUNDWATER ANALYTICAL DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Groundwater Standard ⁽¹⁾		5	560	700	1,400	140	67	67	<1.25 x Background	250 or <1.25 x Background	250 or <1.25 x Background
BH18	09/25/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,290	602	820
BH18	12/08/23	<1.0	15	<1.0	<2.0	<1.0	<1.0	<1.0	2,060	549	540
BH18	03/29/24	<1.0	<1.0	<1.0	20	<1.0	3.6	3.8	1,780	92.8	373
BH18	06/13/24	<1.0	<1.0	<1.0	12	<1.0	2.9	2.5	1,630	562	539
BH18	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	1.5	<1.0	1,660	411	337
BH19	06/15/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	805	184	178
BH19	09/21/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	765	194	195
BH19	12/28/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	861	146	97.2
⁽²⁾ BH19	03/15/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	830	185	119
⁽²⁾ BH19	06/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	846	214	194
⁽²⁾ BH19	09/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	986	188	186
⁽²⁾ BH19	12/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	792	122	160
⁽²⁾ BH19	03/14/23	<1.0	<1.0	<1.0	5.6	<1.0	1.9	1.3	907	187	129
⁽²⁾ BH19	06/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,780	595	344
⁽²⁾ BH19	09/25/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,360	401	292
⁽²⁾ BH19	12/08/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	805	191	153
⁽²⁾ BH19	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	918	169	134
⁽²⁾ BH19	06/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	863	198	284
⁽²⁾ BH19	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	848	193	176
⁽²⁾ BH20	06/15/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	820	171	206
⁽²⁾ BH20	09/21/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	821	222	231
⁽²⁾ BH20	12/28/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	820	157	110
⁽²⁾ BH20	03/15/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	721	168	92.8
⁽²⁾ BH20	06/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	763	184	137.0
⁽²⁾ BH20	09/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	940	202	140.0
⁽²⁾ BH20	12/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	666	159	97.8
⁽²⁾ BH20	03/14/23	<1.0	<1.0	<1.0	2.8	<1.0	<1.0	<1.0	746	161	126
⁽²⁾ BH20	06/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,130	523	834
⁽²⁾ BH20	09/25/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,180	283	251
⁽²⁾ BH20	12/08/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	756	190	133
⁽²⁾ BH20	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	826	171	120
⁽²⁾ BH20	06/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	800	203	246
⁽²⁾ BH20	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	876	210	179
BH21	06/15/21	350	<1.0	600	1,500	35	670	14	893	69	256
BH21	09/21/21	Not Sampled - Unable To Locate Monitoring Well									
BH21	12/28/21	83	<1.0	61	95	3.1	55	1.9	1,240	57.4	297
BH21	03/15/22	37	<1.0	27	90	4.2	45	2.9	1,470	64.4	555
BH21	06/27/22	90	<1.0	110	440	11.0	130	12	980	81.6	179
BH21	09/21/22	81	<1.0	170	370	11	110	14	1,290	72.0	318

TABLE 2
GROUNDWATER ANALYTICAL DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Groundwater Standard ⁽¹⁾		5	560	700	1,400	140	67	67	<1.25 x Background	250 or <1.25 x Background	250 or <1.25 x Background
BH21	12/21/22	1.4	<1.0	<1.0	3.8	<1.0	<1.0	<1.0	1,600	148	133
BH21	03/14/23	10	<1.0	11	78	<1.0	17	2.0	1,720	47.2	548
BH21	06/14/23	23	<1.0	73	220	4.4	52	<1.0	1,870	97.4	887
BH21	09/25/23	38	<1.0	28	31	<1.0	<1.0	<1.0	1,110	95.8	84.4
BH21	12/08/23	44	<1.0	180	210	9.4	120	8.2	1,040	87.8	115
BH21	03/29/24	5.0	<1.0	30	26	<1.0	20	2.7	1,800	88.4	631
BH21	06/13/24	15	<1.0	96	170	4	83	3.3	1,130	90.7	246
BH21	09/17/24	8.4	<1.0	47	6.8	<1.0	23	<1.0	1,310	84.3	296
BH22	06/15/21	1,800	38	94,000	36,000	43	630	490	1,570	426	449
BH22	09/21/21	Not Sampled - LNAPL Present									
BH22	12/28/21										
BH22	03/15/22										
BH22	06/27/22	880	<1.0	540	13,000	170	640	470	NA	NA	NA
BH22	09/23/22	2,000	8.4	2,400	44,000	67	2,400	1,900	1,040	180	48.4
BH22	12/21/22	820	3.5	2,000	34,000	23	2,700	2,200	710	56.2	632
BH22	03/14/23	850	<100	1,300	27,000	<100	2,000	1,700	864	176	27.8
BH22	06/14/23	170	<1.0	220	5,700	15	160	140	944	239	23.2
BH22	09/25/23	320	<1.0	710	9,800	6.7	280	210	708	194	<6.00
BH22	12/08/23	210	1.2	350	7,100	8.0	770	580	712	196	<6.00
BH22	03/29/24	150	<1.0	270	7,800	6.9	500	540	879	169	43.8
BH22	06/13/24	140	<100	<100	7,200	<100	560	490	765	215	67.8
BH22	09/17/24	610	<1.0	730	11,000	19	620	470	923	219	8.76
BH23	06/15/21	Not Sampled - Monitoring Well Dry									
BH23	09/21/21										
BH23	12/28/21										
BH23	03/15/22										
BH23	06/27/22	Not Sampled - Insufficient Water Column									
BH23	09/21/22										
BH23	12/21/22										
BH23	03/14/23										
BH23	06/14/23	2.0	<1.0	<1.0	82	<1.0	<1.0	11	2,620	479	1,520
BH23	09/25/23	Not Sampled - Insufficient Water Column									
BH23	12/08/23										
BH23	03/29/24										
BH23	06/13/24										
BH23	09/17/24	Not Sampled - Monitoring Well Dry									
BH24	06/15/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,800	219	984
BH24	09/21/21	<1.0	<1.0	<1.0	4.2	<1.0	<1.0	<1.0	Insufficient Water For Inorganic Analytes		
BH24	12/28/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,090	182	934
BH24	03/15/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,070	219	1,100

TABLE 2
GROUNDWATER ANALYTICAL DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Groundwater Standard ⁽¹⁾		5	560	700	1,400	140	67	67	<1.25 x Background	250 or <1.25 x Background	250 or <1.25 x Background
BH24	06/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,780	207	911
BH24	09/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,150	206	1,100
BH24	12/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,740	93.9	798
BH24	03/14/23	<1.0	<1.0	<1.0	16	<1.0	4.6	3.7	2,210	190	915
BH24	06/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,140	245	1,190
BH24	09/25/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,830	237	879
BH24	12/08/23	<1.0	<1.0	<1.0	3.8	<1.0	1.2	<1.0	1,910	239	998
BH24	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	NA	NA	NA
BH24	06/13/24	Not Sampled - Insufficient Water Column									
BH24	09/17/24	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<1.0	1,870	227	964
BH25	06/15/21	420	<1.0	36	83	22	60	7.7	2,980	718	1,460
BH25	09/21/21	4,100	<1.0	740	3,200	19	480	190	2,320	847	496
BH25	12/28/21	450	<1.0	72	2.3	11	5.2	6.4	NA	NA	NA
BH25	03/15/22	340	<1.0	2.8	7.3	10	<1.0	5.8	1,350	312	195
BH25	06/27/22	540	<1.0	70.0	22.0	11	4.2	5.4	1,280	318	36
BH25	09/21/22	720	<1.0	140	44	19	14	3.2	NA	NA	NA
BH25	09/23/22	NA	NA	NA	NA	NA	NA	NA	1,330	224	74.2
BH25	12/21/22	Not Sampled - Monitoring Well Dry									
BH25	03/14/23	60	<1.0	30	4.8	4.0	<1.0	<1.0	1,010	171	4.45
BH25	06/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4,740	1,110	2,380
BH25	09/25/23	24	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	4,360	1,230	2,200
BH25	12/08/23	7.1	<1.0	2.4	2.6	<1.0	1.2	<1.0	4,030	990	2,070
BH25	03/29/24	9.5	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3,660	752	1,620
BH25	06/13/24	3.8	<1.0	<1.0	9.1	<1.0	2.7	2.3	2,800	742	1,890
BH25	09/17/24	7.6	<1.0	<1.0	10	<1.0	<1.0	<1.0	NA	NA	NA
BH26	06/15/21	2,500	<1.0	430	2,100	14	390	220	892	311	97
BH26	09/21/21	990	2.6	3.6	980	12	220	110	869	334	5.4
BH26	12/28/21	1,800	<1.0	440	1,900	10	240	87	1,020	228	1.4
BH26	03/15/22	3,400	<1.0	650	2,900	21	340	170	901	212	1.91
BH26	06/27/22	1,500	<1.0	320	1,200	12	140	67	858	274	3.60
BH26	09/21/22	3,800	<1.0	1,000	3,300	21	770	300	1,000	217	55.8
BH26	12/21/22	3,500	<1.0	760	2,500	25	320	180	772	106	397
BH26	03/14/23	2,100	<100	780	2,800	<100	630	180	860	200	2.20
BH26	06/14/23	900	<1.0	220	400	23	160	68	1,140	252	1.17
BH26	09/25/23	1,600	<1.0	400	1,000	12	370	39	1,000	263	<6.00
BH26	12/08/23	530	<1.0	470	1,500	15	410	65	828	228	<6.00
BH26	03/29/24	1,300	<1.0	460	1,200	40	360	62	976	222	0.771
BH26	06/13/24	1,000	<100	310	2,100	<100	720	120	819	224	<60.0

TABLE 2
GROUNDWATER ANALYTICAL DATA
NOBLE ENERGY, INC. - MUNDs 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Groundwater Standard ⁽¹⁾		5	560	700	1,400	140	67	67	<1.25 x Background	250 or <1.25 x Background	250 or <1.25 x Background
BH26	09/17/24	750	<1.0	320	750	16	370	13	870	212	9.63
BH27	06/15/21	Not Sampled - Monitoring Well Dry									
BH27	09/21/21										
BH27	12/28/21										
BH27	03/15/22										
BH27	06/27/22										
BH27	09/21/22	Not Sampled - Insufficient Water Column									
BH27	12/21/22										
BH27	03/14/23										
BH27	09/25/23										
BH27	12/08/23										
BH27	03/29/24	Not Sampled - Monitoring Well Dry									
BH27	06/13/24										
BH27	09/17/24										
BH28	12/06/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,460	166	152
BH28	12/28/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,300	190	241
BH28	03/15/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,330	210	319
BH28	06/27/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,260	215	368
BH28	09/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,680	223	595
BH28	12/21/22	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	967	78.1	136
BH28	03/14/23	<1.0	<1.0	<1.0	3.3	<1.0	1.8	<1.0	1,200	169	322
BH28	06/14/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,400	290	266
BH28	09/25/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	3,420	1,120	1,130
BH28	12/08/23	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,630	384	451
BH28	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	2.8	<1.0	NA	NA	NA
BH28	06/13/24	<1.0	<1.0	<1.0	2.7	<1.0	2.4	<1.0	1,690	404	783
BH28	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,620	337	556
BH29	12/06/21	Not Sampled - Monitoring Well Dry									
BH29	12/28/21										
BH29	03/15/22										
BH29	06/27/22										
BH29	09/21/22										
BH29	12/21/22										
BH29	03/14/23										
BH29	06/14/23										

TABLE 2
GROUNDWATER ANALYTICAL DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Groundwater Standard ⁽¹⁾		5	560	700	1,400	140	67	67	<1.25 x Background	250 or <1.25 x Background	250 or <1.25 x Background
BH29	09/25/23	Not Sampled - Insufficient Water Column									
BH29	12/08/23										
BH29	03/29/24										
BH29	06/13/24										
BH29	09/17/24										
BH30	12/06/21	1,200	<1.0	<1.0	8,700	14	370	320	822	108	9.2
BH30	12/28/21	480	<1.0	280	3,800	10	230	85	733	133	12.1
BH30	03/15/22	730	<1.0	490	5,600	24	350	170	670	161	1.55
BH30	06/27/22	190	<1.0	120	1,100	10	130	41	645	148	4.40
BH30	09/21/22	1,300	<1.0	1,000	11,000	23	810	380	733	140	52.0
BH30	12/21/22	1,300	<1.0	350	5,000	15	280	170	654	120	6.50
BH30	03/14/23	280	<100	330	2,600	<100	260	<100	587	71.2	26.6
BH30	06/14/23	140	<1.0	23	250	6.1	67	34	1,600	320	406
BH30	09/25/23	510	<1.0	210	1,100	9.5	140	70	892	175	<6.00
BH30	12/08/23	360	<1.0	140	630	7.2	83	48	997	216	54.3
BH30	03/29/24	340	<1.0	280	2,300	9.4	250	86	895	192	4.19
BH30	06/13/24	150	<100	<100	3,200	<100	350	130	772	189	<60.0
BH30	09/17/24	490	<1.0	530	6,100	11	390	160	749	182	8.86
BH31	12/06/21	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	800	91.2	3.4
BH31	12/28/21	33	<1.0	11	23	<1.0	3.9	5.4	775	112	5.4
BH31	03/15/22	100	<1.0	25	39	<1.0	5.3	10	695	107	4.88
BH31	06/27/22	75	<1.0	24	26	1.9	3.9	4.8	674	138	5.00
BH31	09/21/22	20	<1.0	5.8	7.5	<1.0	2.0	1.1	782	120	44.0
BH31	12/21/22	82	<1.0	15	10	<1.0	<1.0	<1.0	665	112	0.800
BH31	03/14/23	61	<1.0	14	24	<1.0	5.1	2.3	819	118	74.2
BH31	06/14/23	120	<1.0	45	89	2.8	18	<1.0	1,060	169	20.3
BH31	09/25/23	280	<1.0	76	340	5.8	78	<1.0	1,100	257	122
BH31	12/08/23	39	<1.0	10	30	1.2	10	<1.0	750	167	7.26
BH31	03/29/24	78	<1.0	22	57	<1.0	14	2.9	856	166	6.80
BH31	06/13/24	49	<1.0	11	67	1.6	23	<1.0	806	177	<60.0
BH31	09/17/24	9.3	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	752	158	17.4
BH32	12/06/21	Not Sampled - Monitoring Well Dry									
BH32	12/28/21										
BH32	03/15/22										
BH32	06/27/22										
BH32	09/21/22										
BH32	12/21/22										
BH32	03/14/23										
BH32	06/14/23										

TABLE 2
GROUNDWATER ANALYTICAL DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Groundwater Standard ⁽¹⁾		5	560	700	1,400	140	67	67	<1.25 x Background	250 or <1.25 x Background	250 or <1.25 x Background
BH32	09/25/23	Not Sampled - Monitoring Well Dry									
BH32	12/08/23										
BH32	03/29/24										
BH32	06/13/24										
BH32	09/17/24										
BH33	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,510	282	441
BH33	06/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,040	223	527
BH33	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,070	210	384
BH34	03/29/24	<1.0	<1.0	12	59	<1.0	4.7	21	2,040	468	277
BH34	06/13/24	<1.0	<1.0	37	130	1.1	9.3	36	1,680	524	394
BH34	09/17/24	<1.0	<1.0	18	39	<1.0	2.3	23	1,810	514	181
BH35	03/29/24	30,000	18,000	1,100	10,000	<100	390	410	1,820	696	11.4
BH35	06/13/24	9,800	5,200	250	7,800	<100	260	240	1,360	639	<60.0
BH35	09/17/24	15,000	130	10	150	<1.0	4.3	3.0	1,520	660	7.46
BH36	03/29/24	3,200	8.0	280	2,700	6.4	120	93	2,120	688	307
BH36	06/13/24	1,600	<100	<100	3,400	<100	160	160	1,480	590	365
BH36	09/17/24	2,200	<100	260	5,000	<100	200	150	1,570	514	263
BH37	06/14/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,280	839	953
BH37	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,000	517	804
BH42	12/08/23	4,000	430	350	3,000	<10	100	110	719	155	51.7
BH42	03/29/24	5,500	<100	830	4,100	<100	220	310	862	156	62.8
BH42	06/13/24	2,800	140	<100	3,900	<100	140	180	702	157	<60.0
BH42	09/17/24	73	1.5	7.0	61	<1.0	1.9	1.6	669	148	9.56
BH43	12/08/23	16	<1.0	290	530	4.3	150	130	583	177	<60.0
BH43	03/29/24	12	<1.0	380	720	5.4	220	180	658	175	0.396
BH43	06/13/24	15	<10	550	1,400	<10	300	240	581	189	109
BH43	09/17/24	<100*	<100	290	1,800	<100	320	280	618	184	<0.300
BH44	12/08/23	<1.0	<1.0	68	14	<1.0	2.2	16	637	210	<60.0
BH44	03/29/24	<1.0	<1.0	74	23	<1.0	2.9	18	732	220	82.6
BH44	06/13/24	<1.0	<1.0	86	15	<1.0	2.4	23	639	207	<60.0
BH44	09/17/24	<1.0	<1.0	67	17	1.7	2.2	19	684	200	<0.300
BH46	03/29/24	5,800	73	870	6,600	6.7	270	180	918	143	122
BH46	06/13/24	1,700	<100	<100	2,600	<100	<100*	120	852	153	212
BH46	09/17/24	2,300	<100	170	2,200	<100	120	120	799	131	141
⁽²⁾ BH47	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	961	198	238
⁽²⁾ BH47	06/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	873	203	389
⁽²⁾ BH47	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	842	189	237
⁽²⁾ BH49	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,360	227	83.0
⁽²⁾ BH49	06/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,490	410	633

TABLE 2
GROUNDWATER ANALYTICAL DATA
NOBLE ENERGY, INC. - MUNDS 13-29, DICKERSON 14-29A

Monitoring Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	TDS (mg/L)	Chloride Ion (mg/L)	Sulfate Ion (mg/L)
ECMC Groundwater Standard ⁽¹⁾		5	560	700	1,400	140	67	67	<1.25 x Background	250 or <1.25 x Background	250 or <1.25 x Background
⁽²⁾ BH49	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,180	228	494
BH50	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,660	669	666
BH50	06/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,020	651	710
BH50	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	2,110	578	635
BH51	03/29/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,770	334	425
BH51	06/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,220	289	419
BH51	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	894	208	205
⁽²⁾ BH52	06/13/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,620	309	986
⁽²⁾ BH52	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,690	266	935
BH54	06/14/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,030	334	170
BH54	09/17/24	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	1,090	317	162

Notes:

⁽¹⁾ Groundwater standards referenced from 2 CCR 404-1, Table 915-1 (January 15, 2021).

⁽²⁾ Monitoring well used to calculate background concentration limits

*Laboratory detection limit is greater than ECMC regulatory standard

Definitions:

< = Analytical result is less than the indicated laboratory reporting limit

ECMC = Colorado Energy and Carbon Management Commission

µg/L = Micrograms per liter

mg/L = Milligrams per liter

NA = Not analyzed due to insufficient water column

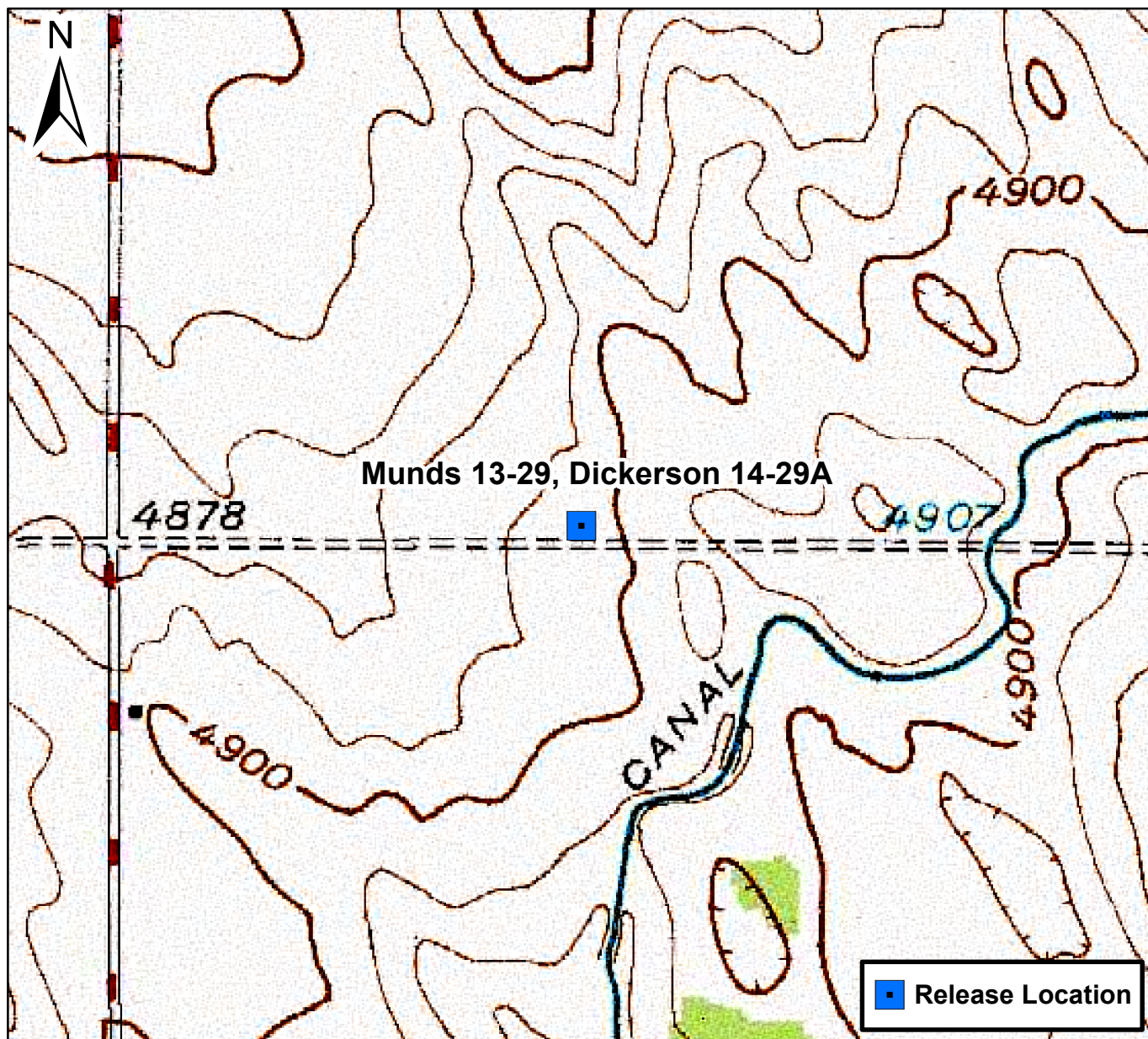
1,2,4 - TMB = 1,2,4 Trimethylbenzene

1,3,5 - TMB = 1,3,5 Trimethylbenzene

TDS = Total Dissolved Solids

Highlighted results are equal to or exceed the ECMC Table 915-1 standard

Bold results exceed the ECMC Table 915-1 standard for groundwater inorganic parameters, site-specific background assessment is on-going for groundwater inorganic constituents.




0 750 1,500 Feet

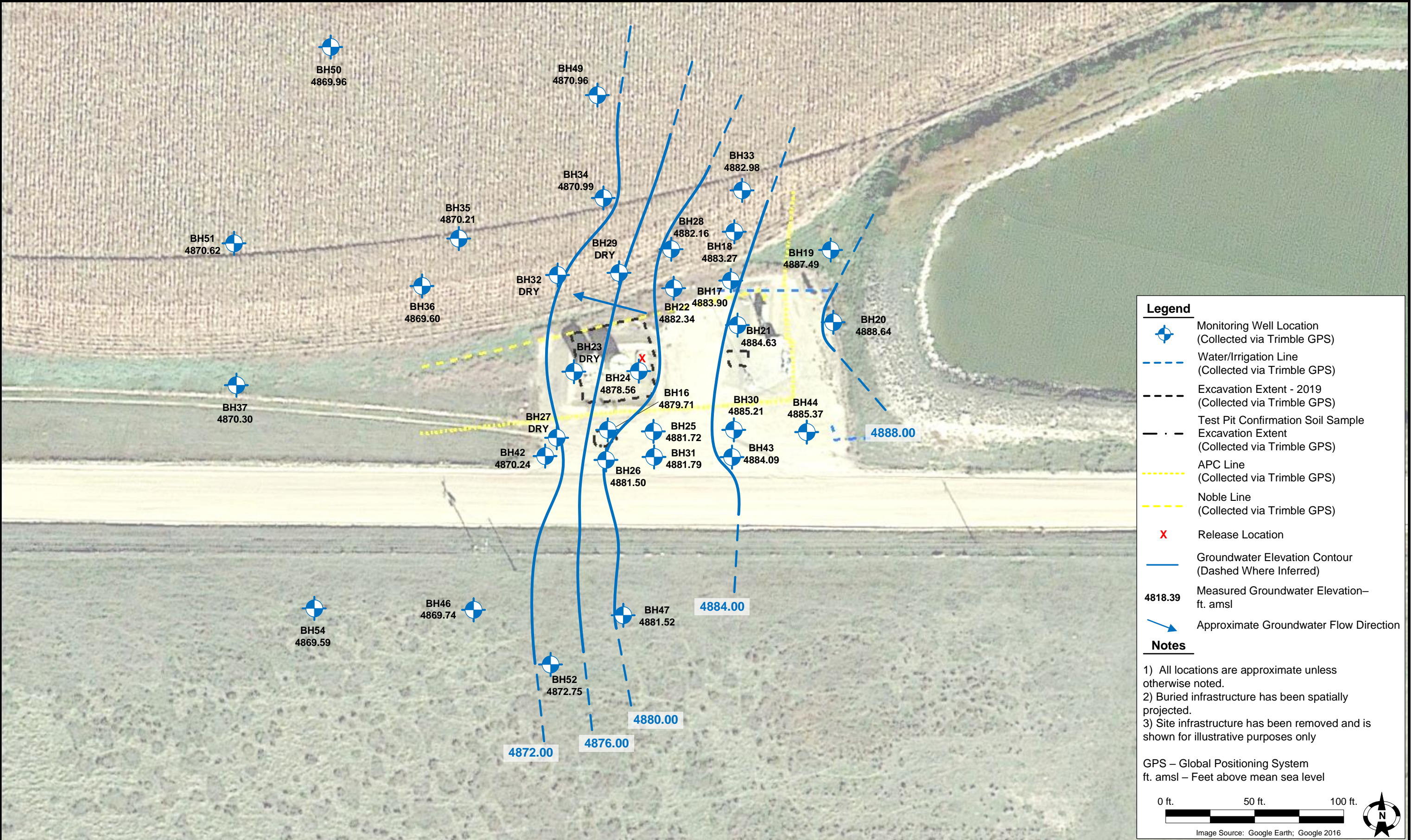
Figure 1

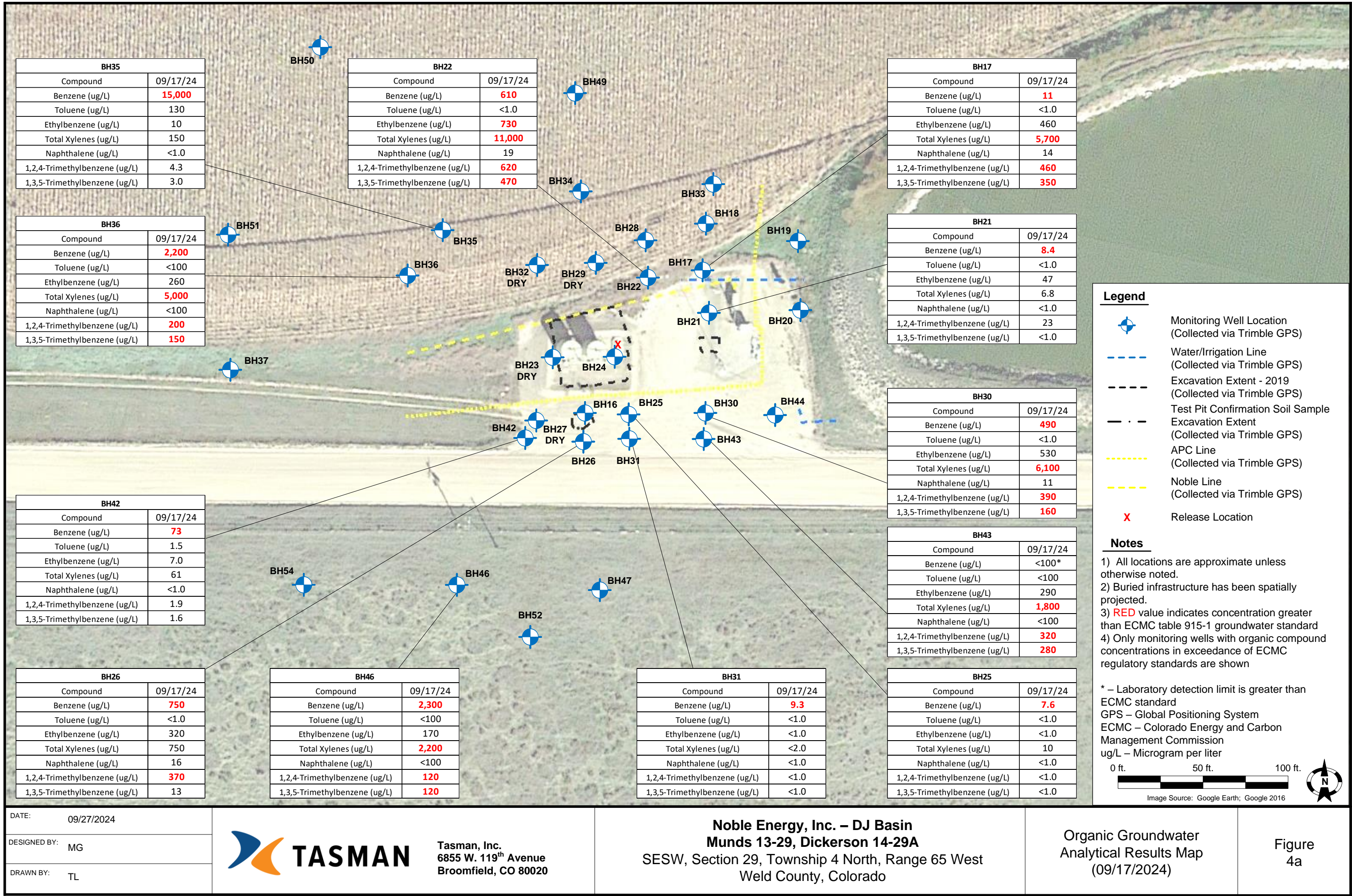
Site Location Map
Munds 13-29, Dickerson 14-29A
SESW S29 T4N R65W
Weld County, Colorado





DATE: 07/09/2024	<div><div>Tasman, Inc. 6855 W. 119th Avenue Broomfield, CO 80020</div></div>	Noble Energy, Inc. – DJ Basin Munds 13-29, Dickerson 14-29A SESW, Section 29, Township 4 North, Range 65 West Weld County, Colorado	Site Overview Map	Figure 2
DESIGNED BY: MG				
DRAWN BY: MR				





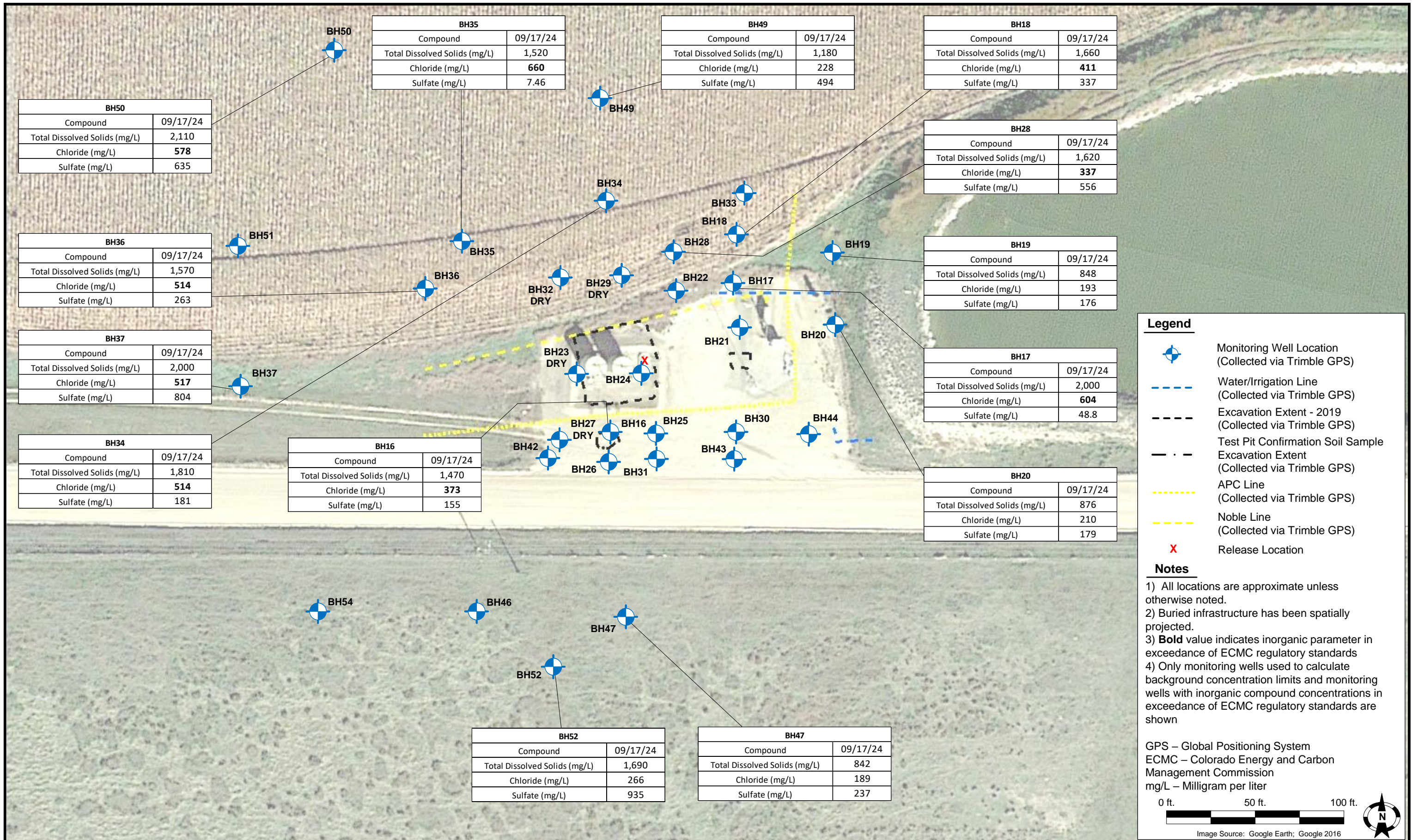


FIGURE 5
Munds 13-29, Dickerson 14-29A
Quarterly Benzene Concentrations

