



Stantec Consulting Services Inc.
3900 C Street, Suite 902
Anchorage AK 99503

December 10, 2024

Stantec Project Number: 203723766

Paula Sime, PG
Manager, Environmental Services
7-Eleven, Inc.
P.O. Box 1026
Temecula, California 92593

RE: **2025 Corrective Action Work Plan**
7-Eleven Store 46746 (Former Tesoro North Store (TNS) #111)
3679 College Road, Fairbanks, Alaska
ADEC Facility ID #1112; ADEC Hazard ID #24247; ADEC File #100.26.026

Dear Ms. Sime:

This letter presents the 2025 (calendar year) Corrective Action Plan (CAP) for the monitoring and remediation of petroleum contamination at the above referenced site. The 2025 CAP was prepared by Stantec Consulting Services, Inc. (Stantec) on behalf of 7-Eleven, Inc. (7-Eleven) for 7-Eleven Store 46746 (Tesoro Northstore (TNS) #111) located in Fairbanks, Alaska.

This 2025 CAP will be presented at the annual work session with the Alaska Department of Environmental Conservation (ADEC), 7-Eleven, and Stantec. The work session is scheduled for December 10, 2024, and will be presented by Stantec on behalf of 7-Eleven to Pete Campbell, ADEC representative, virtually via Microsoft TEAMS app.

Attached to this letter are the following items associated with the completion of the 2024 CAP tasks: Location and Vicinity Map, Site Map with Analytical Data Results (September and October 2024 GWM Events), and Analytical Data Results Tables of Historical Monitoring Events. The site plans, sampling test results and additional site documents for the subject site will be included in a PowerPoint presentation that will be delivered by Stantec during the December 10 work session.

The following sections provide a summary of the work plan tasks that were completed under the current 2024 CAP followed by a summary of the proposed work plan tasks for the 2025 CAP.

2024 CAP Work Plan Tasks

- Task 1 –Groundwater Monitoring
 - ✓ This task was completed in accordance with the approved 2024 CAP. The schedule of the semi-annual GWM events were altered to account for the late startup of the sampling program due to the impact of winter conditions.
- Task 2 – O&M Groundwater Recirculation Wells RM-1 & RM-2
 - ✓ This task was completed in accordance with the approved 2024 CAP. In addition, the insulated water discharge line from recirculation well RM-2 was connected to the water discharge line from recirculation well RM-1. The water line connection allows for the year-round flow from RM-2 into the horizontal chemox injection lines located along the eastern edge of the existing underground storage tanks. Receding groundwater levels during the late winter cause flow from RM-1 to oscillate, requiring the pump to be shut down for the winter. Well RM-2 is not impacted by the water level drop and runs year-round.
- Task 3 – O&M Chemical Oxidation (Chemox) Treatment System
 - ✓ This task was completed in accordance with the approved 2024 CAP. The schedule of the first quarter 2024 chemox injection was altered to account for the late startup of the chemox injection program due to the impact of winter conditions.

Proposed Work Plan Tasks for 2025

The following table summarizes the proposed tasks and implementation schedule for the 2025 CAP:

2025 CAP Work Plan Tasks and Schedule

Work Plan Tasks for 2025		1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
Task 1	Monitoring Wells: MW-10, MW-11, MW-12, MW-13, MW-16, G-1, G-5		V, G, D, P, I & S	V, G, D, P, I & S	
	MW 17-1, MW 17-2, and Recirculation/Remediation Wells RM-1 and RM-2		V, G, D, P, I & S	V, G, D, P, I & S	
Task 2	O&M Groundwater Recirculation Wells RM-1 & RM-2		✓	✓	✓
Task 3	Chemical Oxidation Treatment		✓	✓	

Key:

- AK – Alaska Test Method
- D – Diesel range organics by AK102.
- G – Gasoline range organics by AK101.
- I – Intrinsic indicators include dissolved oxygen, specific conductance, oxygen-reduction potential, pH, and temperature.

O&M – Operation and Maintenance

P – Polynuclear aromatic hydrocarbons (PAHs), i.e., semi-volatile organic compounds associated with petroleum fuel, by EPA Test Method 8270D-SIM (Selective Ion Monitoring).

S – Sodium analyzed by Metals (ICP) Method 6010C.

V – Volatile organic compounds by EPA Test Method 8260C.

- Task 1 –Groundwater Monitoring

Monitoring of the on-site groundwater monitoring wells will be conducted on a quarterly basis except for the first and fourth quarters of 2025 as outlined in 2025 Work Plan Schedule shown above. Sampling may occur in the fourth quarter if weather permits. Sampling schedules, well locations and analyses are referenced in the 2025 Work Plan Schedule.

Specific on-site monitoring wells will be sampled to assess treatment impact on the groundwater table. The remediation/recirculation wells will be sampled on a quarterly basis, with the exception of the first and fourth quarters of the year, unless weather permits.

- Task 2 – O&M Groundwater Recirculation Wells RM-1 & RM-2

Perform quarterly maintenance on the remediation system, which consists of the existing 4-inch diameter recirculation/remediation wells RM-1 and RM-2. These wells are used as part of a pump and treat system to remediate the soil and groundwater beneath the existing USTs and fuel dispenser islands the injection of a chemical oxidant.

The submersible pumps for the two pump and treat systems will run continuously (24-hours per day) subject to acceptable groundwater table levels for operation of the pumps. During low groundwater flow times of the year - particularly during the winter months - the submersible pump in RM-1 may be temporarily shut down until late spring when the groundwater table typically rises. The pumping systems for both wells are monitored daily for electrical usage, water pressure and water line temperature with iMonnit® wireless sensors and the equipment checked monthly with maintenance that will be provided on an as need basis. The iMonnit® remote monitoring system uses a wireless broadband network via cellular internet.

- Task 3 – Chemical Oxidation Treatment

Stantec proposes to provide chemical oxidation (chemox) treatment of the petroleum contaminated soil and groundwater via the installed 4" diameter injection wells (IW-2023-A, IW-2023-B, IW-2023-C and IW-2023-D) located in the vicinity of the fuel dispenser islands and the two horizontal injection lines located on the east side of the USTs. The injection of chemox will occur in the second and third quarters of the year. Subject to suitable (non-freezing) weather conditions, Stantec will attempt to inject chemox monthly throughout the year except for the first quarter. Also, the groundwater monitoring wells will be sampled for sodium to assess the distribution of the chemical oxidant.

A total of four hundred (400) gallons of a prepared solution of the chemical oxidant Klorozur One® (a chemical mixture consisting primarily of sodium persulfate) will be injected into the new 4" diameter injection wells and the existing horizontal injection lines with a dose of 100 gallons per injection well. The chemox mixture for each well will consist of 110 pounds Klorozur One® mixed with approximately 100 gallons of water pumped from well RM-2. All the vertical



injection wells and horizontal injection lines are continuously dosed during most of the year with recirculated groundwater discharged primarily from well RM-2.

The Corrective Action Work Plan for the year 2025 will be implemented by Stantec on behalf of 7-Eleven. Groundwater monitoring will be conducted to track migration and trends of contaminants that are present at the site.

All sampling activities will be completed in accordance with ADEC's *Underground Storage Tanks Procedures Manual– Standard Sampling Procedures* (March 22, 2017). The methods that will be used for conducting a monitoring event, unless otherwise noted in the monitoring report, will include:

- The static water levels in the monitoring wells will be measured with respect to the top of each well casing. The elevation of the static water level will be based on an arbitrary datum established on-site during a vertical control survey that will be completed by Stantec on an annual basis. The survey will be performed during the summer after the seasonal frost layer thaws.
 - The monitoring wells will be purged of a minimum of three well bore volumes prior to collecting the water samples. A new, disposable, Teflon® bailer will be used to sample each well. The first bail of water removed from each well will be examined for petroleum odor, sheen, and any other unique physical features.
 - Water samples will be collected in laboratory-supplied sample containers. The samples will be delivered to an ADEC-approved laboratory in accordance with standard chain-of-custody procedures.
 - Additional water samples will be collected from the monitoring wells after the well has been purged, as described above, and tested in the field for chemical and physical intrinsic parameters listed in the 2025 Work Plan Schedule shown above.

If you have any questions or need additional information concerning this 2025 Corrective Action Work Plan, please contact us at (907) 227-9883.

Regards,

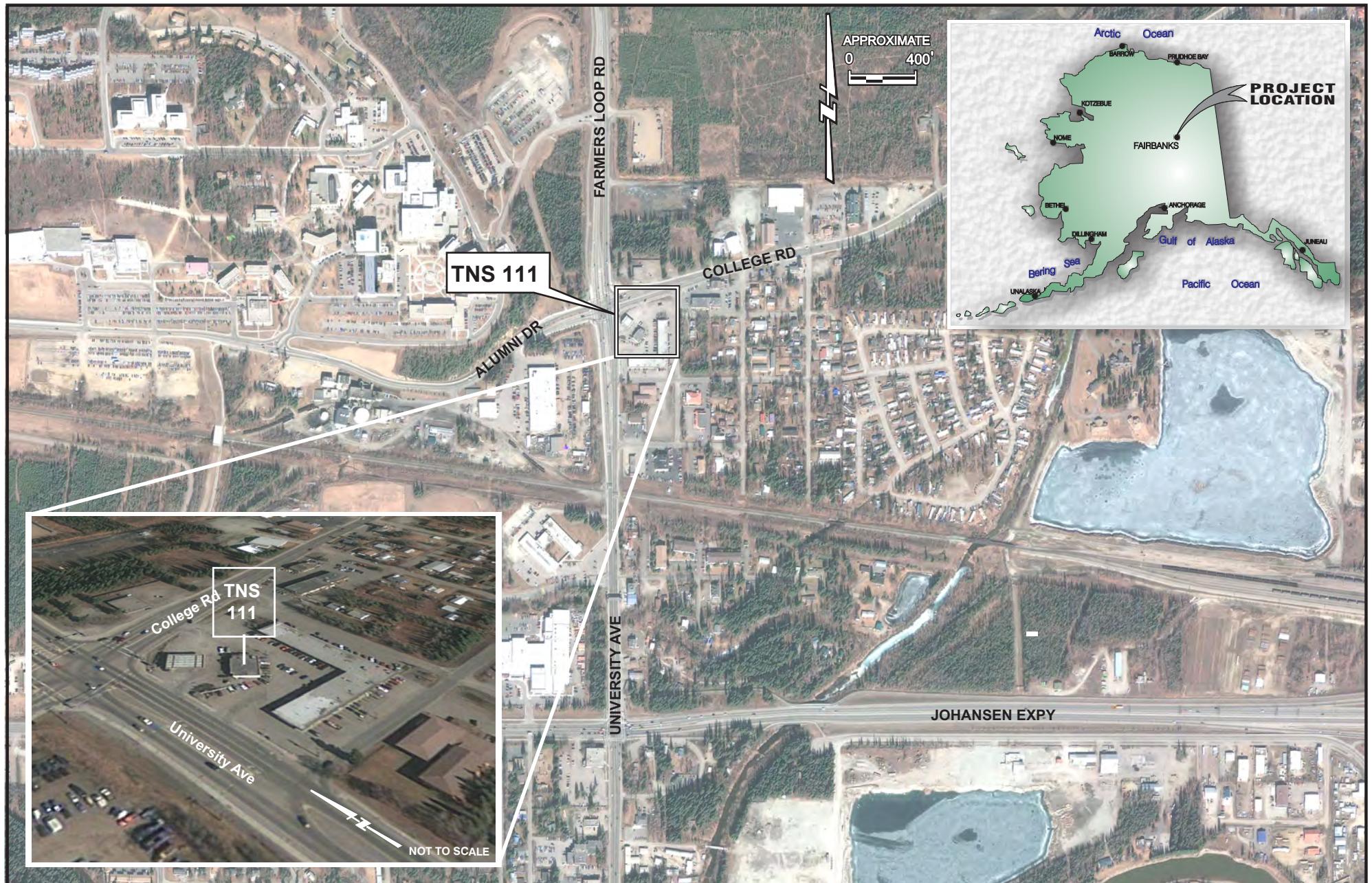
STANTEC CONSULTING SERVICES INC.

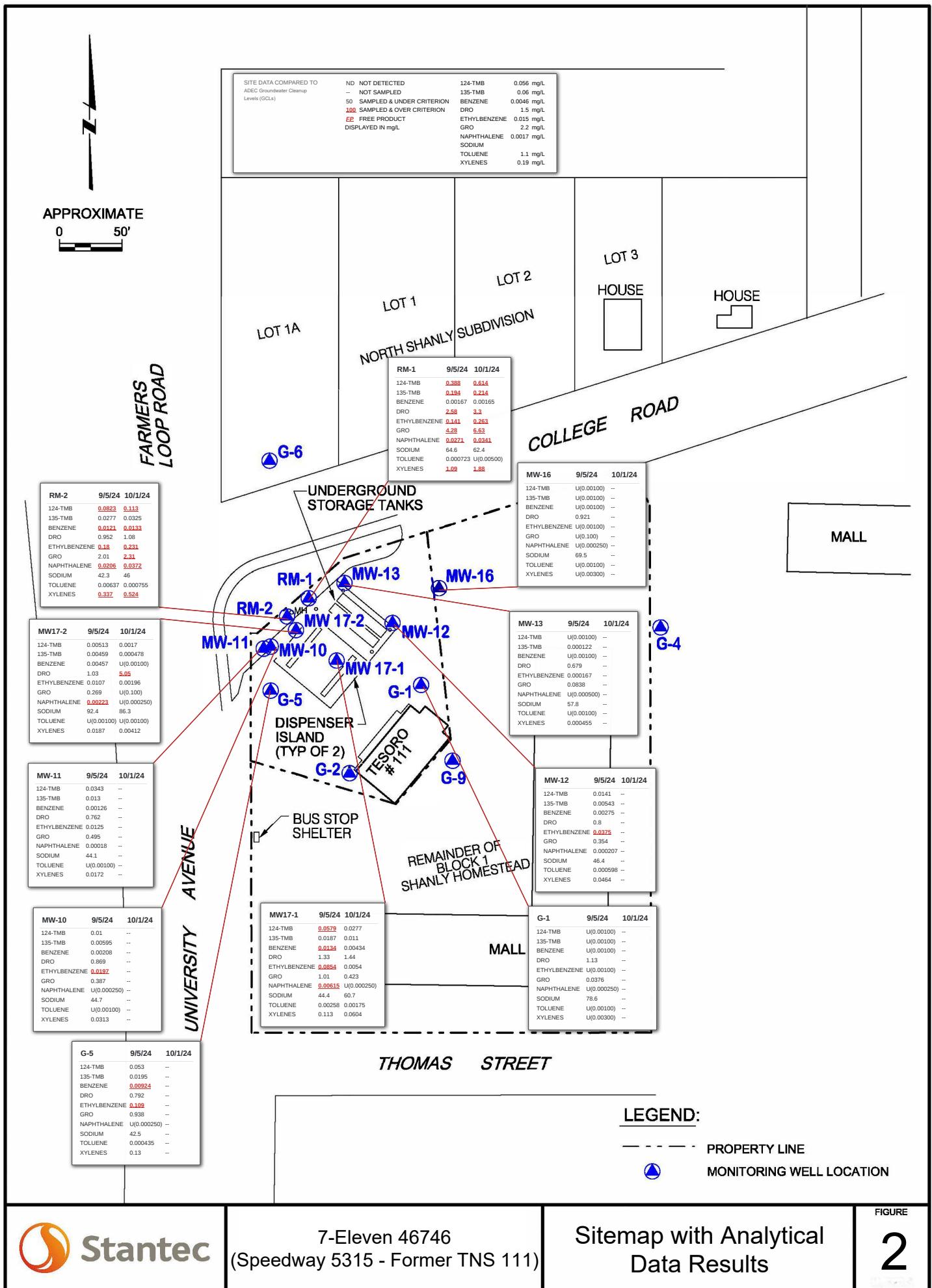
M. Z. dekk

Michael A. Zidek, PMP Project Manager

Bob Gilfillion

Robert (Bob) Gilfilian, P.E.
Project Technical Lead





7-Eleven 46746
 7-Eleven - Paula Sime 3679 College Rd
 Fairbanks, Alaska 99709

Data Table

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethybenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Xylenes</i>
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
G-1												
12/20/1995	--	414.48	—	—	<u>1.54</u>	—	<u>0.56</u>	—	—	—	<u>1.26</u>	<u>2.53</u>
05/16/1996	--	415.71	—	—	<u>5.90</u>	—	<u>1.80</u>	—	—	—	<u>3.90</u>	<u>8.20</u>
12/09/1996	--	--	—	—	<u>2.10</u>	—	<u>0.73</u>	—	—	—	<u>2.10</u>	<u>3.10</u>
03/20/1997	--	--	—	—	<u>2.10</u>	—	<u>0.81</u>	—	—	—	<u>2.50</u>	<u>4.30</u>
11/18/1997	--	415.22	—	—	<u>4.91</u>	—	<u>1.89</u>	—	—	—	<u>4.21</u>	<u>8.00</u>
05/01/1998	--	--	—	—	<u>4.83</u>	<u>5.03</u>	<u>2.18</u>	<u>60.0</u>	—	—	<u>6.67</u>	<u>10.13</u>
10/14/1998	--	416.35	—	—	<u>5.04</u>	<u>4.37</u>	<u>1.80</u>	<u>43.0</u>	—	—	<u>3.81</u>	<u>7.47</u>
05/27/1999	--	415.30	—	—	<u>4.34</u>	<u>5.46</u>	<u>1.94</u>	<u>43.0</u>	—	—	<u>5.02</u>	<u>8.89</u>
11/05/1999	--	415.48	—	—	<u>2.59</u>	<u>3.16</u>	<u>1.01</u>	<u>23.0</u>	—	—	<u>1.74</u>	<u>3.89</u>
04/17/2000	--	414.06	—	—	<u>3.12</u>	<u>5.90</u>	<u>1.64</u>	<u>46.0</u>	—	—	<u>3.77</u>	<u>7.14</u>
10/26/2000	--	417.48	—	—	<u>3.04</u>	<u>2.19</u>	<u>1.15</u>	<u>23.0</u>	—	—	0.596	<u>3.39</u>
05/30/2001	--	413.60	—	—	<u>1.59</u>	<u>2.61</u>	<u>0.727</u>	<u>17.0</u>	—	—	0.158	<u>1.87</u>
05/01/2002	--	414.52	—	—	<u>1.30</u>	<u>1.84</u>	<u>0.683</u>	<u>8.60</u>	—	—	0.03710	<u>1.51</u>
08/19/2002	--	417.79	—	—	<u>0.89</u>	1.41	<u>0.774</u>	<u>13.5</u>	—	—	0.05880	<u>1.465</u>
11/05/2002	--	417.06	—	—	<u>0.06160</u>	U (0.5)	0.0084500	0.787	—	—	U (0.002)	0.06660
03/19/2003	--	416.18	—	—	<u>0.0076500</u>	U (0.509)	U (0.002)	U (0.09)	—	—	U (0.002)	0.0024200
08/05/2003	--	418.33	—	—	<u>0.11</u>	U (0.32)	<u>0.101</u>	1.30	—	—	0.0020900	0.0620
03/08/2004	--	414.92	—	—	<u>0.0097900</u>	U (0.37)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.001)
09/15/2004	--	416.65	—	—	0.0020600	U (0.385)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
01/10/2005	--	414.58	—	—	<u>0.03270</u>	U (0.388)	0.000623000	0.134	—	—	U (0.0005)	U (0.0015)
07/15/2005	--	417.94	—	—	<u>0.06260</u>	U (0.391)	<u>0.04450</u>	0.426	—	—	U (0.0005)	0.0035400
02/16/2006	--	414.54	—	—	0.0040600	U (0.397)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
07/27/2006	--	417.37	—	—	<u>0.02220</u>	U (0.397)	0.01040	0.163	—	—	0.000805000	0.0021700
03/02/2007	--	414.59	—	—	0.0015900	U (0.424)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
10/17/2007	--	416.88	—	—	U (0.0005)	U (0.403)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
06/05/2008	--	415.81	—	—	<u>0.0061400</u>	0.877	U (0.0005)	0.0820	—	—	U (0.0005)	0.0037900
09/29/2008	--	417.21	—	—	U (0.0005)	U (0.435)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
02/25/2009	--	414.48	—	—	U (0.0005)	U (0.417)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
07/21/2009	--	416.75	—	—	<u>0.0060100</u>	U (0.397)	U (0.001)	0.09540	—	—	U (0.001)	0.0036300
03/17/2010	--	414.03	—	—	U (0.001)	U (0.431)	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.002)

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Data Table

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethylbenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Xylenes</i>	
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19	
09/15/2010	--	416.56	—	—	U (0.0005)	U (0.385)	0.0092600	0.15	—	—	U (0.0005)	0.06190	
03/22/2011	--	413.97	—	—	U (0.0005)	0.657	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
09/01/2011	--	417.44	—	—	0.002900	U (0.410)	U (0.0005)	0.07190	—	—	0.000601000	U (0.0015)	
03/13/2012	--	414.37	—	—	U (0.0005)	U (0.446)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
07/23/2012	--	417.01	—	—	0.01340	U (0.397)	U (0.0010)	0.263	—	—	U (0.0010)	U (0.0030)	
02/21/2013	--	414.26	—	—	U (0.0005)	U (0.431)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
08/13/2013	--	416.50	—	—	0.0062100	U (0.413)	U (0.0005)	U (0.05)	—	—	0.000688000	U (0.0015)	
03/18/2014	--	414.38	—	—	U (0.0005)	U (0.403)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
07/31/2014	--	419.66	—	—	0.002600	0.67	0.002200	0.0560	—	—	U (0.001)	U (0.001)	
03/03/2015	--	415.09	—	—	U (0.0005)	U (0.45)	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
07/27/2015	--	416.21	—	—	U (0.00054)	0.25	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
02/23/2016	--	415.25	—	—	U (0.001)	U (0.11)	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)	
10/06/2016	--	418.73	—	—	U (0.001)	0.24	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)	
03/16/2017	--	414.96	—	—	0.005800	0.60	U (0.003)	U (0.05)	—	—	U (0.002)	U (0.002)	
03/29/2018	--	414.63	—	—	0.004100	0.76	U (0.003)	U (1)	—	—	U (0.002)	U (0.002)	
09/07/2018	--	418.62	—	—	0.002400	0.28	U (0.001)	U (0.15)	—	—	U (0.001)	U (0.002)	
03/12/2019	--	415.23	—	—	U (0.003)	0.33	U (0.003)	9.40	—	—	U (0.002)	U (0.003)	
07/29/2019	--	416.29	—	—	U (0.003)	0.30	U (0.003)	U (0.25)	—	—	U (0.002)	U (0.003)	
08/03/2020	--	419.66	—	—	0.000817000	U (0.800)	U (0.001)	0.01090	—	—	U (0.001)	U (0.003)	
10/14/2020	--	418.84	—	—	0.01340	0.362	0.000186000	U (0.10)	—	—	0.000615000	0.000653000	
03/30/2021	--	415.54	—	—	0.0014100	0.256	U (0.001)	0.0194 BJ	—	—	U (0.001)	U (0.003)	
07/22/2021	--	—	—	—	U (0.0200)	2.78	0.608	10.2	—	—	0.124	3.43	
10/12/2021	--	417.96	—	—	0.0010200	0.704 J	U (0.001)	0.04270	—	—	U (0.001)	0.000267 J	
05/17/2022	--	418.00	0.0010600	0.0019200	0.0024200	0.586	0.0029300	0.08290	0.0017300	78.1	U (0.00100)	0.0010900	
09/21/2022	--	417.47	U(0.00100)	U(0.00100)	0.000813000	0.367	U(0.00100)	U(0.100)	0.000752000	78.5	U(0.00100)	U(0.00300)	
04/27/2023	--	—	U(0.00100)	U(0.00100)	0.0011400	0.566	U(0.00100)	U(0.500)	0.0042800	95.1	0.000317000	0.000210000	
07/25/2023	--	—	U(0.00100)	U(0.00100)	0.000779000	0.000952000	0.347	0.000257000	U(0.500)	—	84.4	U(0.00100)	0.000281000
10/24/2023	--	—	U(0.00100)	U(0.00100)	U(0.00100)	U(0.864)	U(0.00100)	U(0.100)	U(0.000250)	86.3	U(0.00100)	U(0.00100)	
09/05/2024	--	418.97	U(0.00100)	U(0.00100)	U(0.00100)	1.13	U(0.00100)	0.03760	U(0.000250)	78.6	U(0.00100)	U(0.00300)	
G-5													
05/30/2001	--	412.59	—	—	12.4	6.47	2.10	107	—	—	11.5	9.90	
12/13/2001	--	413.22	—	—	6.21	3.05	1.71	72.8	—	—	8.71	12.74	
05/01/2002	--	414.55	—	—	11.9	6.75	1.95	83.4	—	—	7.70	15.1	
08/19/2002	--	417.80	—	—	12.9	7.85	2.00	86.6	—	—	7.31	8.53	
11/05/2002	--	417.05	—	—	5.70	7.17	1.38	41.9	—	—	4.37	6.70	
03/19/2003	--	416.19	—	—	2.46	7.55	0.741	30.0	—	—	1.75	5.25	
08/05/2003	--	418.76	—	—	5.07	5.78	0.943	47.5	—	—	2.99	6.41	
03/08/2004	--	414.93	—	—	0.0025400	3.45	0.0010400	0.126	—	—	0.0049500	0.03270	
09/15/2004	--	416.64	—	—	0.0057700	1.84	0.000506000	0.0610	—	—	0.0012600	0.0046700	

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Data Table

	Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup				0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19	
01/10/2005	--	414.80	—	—	—	U (0.0005)	1.22	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
07/15/2005	--	417.83	—	—	—	U (0.0005)	1.19	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
02/16/2006	--	414.48	—	—	—	U (0.0005)	1.08	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
07/27/2006	--	417.09	—	—	—	U (0.0005)	0.865	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
03/02/2007	--	414.24	—	—	—	U (0.0005)	1.03	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
10/17/2007	--	416.22	—	—	0.000837000	3.44	U (0.0005)	U (0.05)	—	—	—	U (0.0005)	U (0.0015)	
06/05/2008	--	415.73	—	—	—	U (0.0005)	1.10	0.0045200	0.112	—	—	U (0.0005)	0.03160	
09/29/2008	--	417.20	—	—	—	U (0.0005)	1.66	0.0045800	0.07940	—	—	U (0.0005)	0.01030	
02/25/2009	--	414.45	—	—	—	0.00068000	1.30	0.05790	2.53	—	—	0.00053000	0.174	
07/21/2009	--	416.73	—	—	—	0.001800	1.27	U (0.001)	U (0.05)	—	—	U (0.0010)	U (0.003)	
03/17/2010	--	413.98	—	—	—	0.0130	0.961	0.19	4.40	—	—	0.001400	0.37	
09/15/2010	--	416.59	—	—	—	0.08490	1.10	0.0027900	0.287	—	—	0.000886000	0.01490	
03/22/2011	--	413.96	—	—	—	U (0.0005)	1.04	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
09/01/2011	--	417.44	—	—	—	0.0033100	0.898	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
03/13/2012	--	414.37	—	—	—	0.03070	1.02	0.113	3.63	—	—	0.0034600	0.23	
07/23/2012	--	416.90	—	—	—	0.0019900	0.571	U (0.0010)	U (0.05)	—	—	U (0.0010)	U (0.0030)	
08/13/2013	--	416.50	—	—	—	U (0.0005)	0.884	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)	
03/18/2014	--	414.36	—	—	—	0.0250	0.778	0.07390	2.44	—	—	0.0061200	0.161	
07/31/2014	--	419.24	—	—	—	0.49	1.40	0.0710	2.20	—	—	0.006400	0.21	
03/03/2015	--	414.58	—	—	—	U (0.0005)	0.43	U (0.0005)	U (0.05)	—	—	U (0.0005)	0.001500	
07/27/2015	--	416.18	—	—	—	0.92	1.40	0.59	10.0	—	—	0.57	1.10	
02/23/2016	--	415.19	—	—	—	U (0.001)	0.21	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)	
10/06/2016	--	418.75	—	—	—	U (0.001)	0.95	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)	
03/16/2017	--	414.93	—	—	—	0.27	1.30	0.56	7.90	—	—	0.36	1.91	
03/29/2018	--	414.68	—	—	—	0.38	1.60	0.72	14.0	—	—	0.30	2.27	
09/07/2018	--	418.68	—	—	—	0.61	2.40	0.51	7.40	—	—	0.91	1.92	
03/13/2019	--	415.24	—	—	—	0.11	1.20	0.39	5.80	—	—	0.0110	1.05	
07/30/2019	--	416.31	—	—	—	U (0.15)	1.20	0.18	2.90	—	—	U (0.1)	0.71	
08/04/2020	--	419.57	—	—	—	0.114	1.07	0.123	0.712	—	—	0.000683000	0.124	
10/14/2020	--	418.67	—	—	—	0.001600	2.16	0.01480	0.251	—	—	0.0051300	0.0790	
10/12/2021	--	419.21	—	—	—	0.0060700	1.42	0.06610	0.909	—	—	0.000300 J	0.09280	
05/17/2022	--	417.95	0.06810	0.0039900	0.04620	1.46	0.315	1.45	0.03970	66.8	0.178	0.258		
09/20/2022	--	417.59	0.122	0.04460	0.04760	1.05	0.266	2.89	0.03570	61.5	0.0200	0.666		
04/27/2023	--	—	0.285	0.02450	0.01910	1.21	0.232	1.23	0.03990	79.9	0.00088000	0.233		
07/25/2023	--	—	0.05670	0.03090	0.01730	0.677	0.187	1.36	0.02110	53.9	U(0.00500)	0.281		
10/24/2023	--	—	0.009500	0.0029700	0.0093400	0.424	0.05170	0.629	U(0.000250)	89.5	U(0.00100)	0.05120		
06/10/2024	--	416.46	0.12	0.03290	0.0052900	0.586	0.07750	1.06	U(0.000250)	63.4	0.004100	0.137		
09/05/2024	--	419.16	0.0530	0.01950	0.0092400	0.792	0.109	0.938	U(0.000250)	42.5	0.000435000	0.13		

MW17-1

7-Eleven 46746
7-Eleven - Paula Sime 3679 College Rd
Fairbanks, Alaska 99709

Data Table

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethylbenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Xylenes</i>
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
03/29/2018	--	--	—	—	2.90	6.00	1.20	U (100)	—	—	6.60	8.50
09/07/2018	--	--	—	—	0.18	4.80	3.30	80.0	—	—	26.0	18.0
03/14/2019	--	415.28	—	—	3.00	3.30	1.70	47.0	—	—	7.40	7.40
07/30/2019	--	416.35	—	—	0.36	3.90	3.40	88.0	—	—	9.20	14.9
08/04/2020	--	419.63	—	—	0.126	2.78	3.47	61.1	—	—	22.5	13.8
10/15/2020	--	418.92	—	—	0.0231 J	4.03	0.305	5.90	—	—	0.254 J	2.10
03/30/2021	--	415.86	—	—	0.000535 J	2.66	0.04010	2.59	—	—	U (0.001)	0.178
10/12/2021	--	417.63	—	—	1.61 Q	3.68	1.03 E	30.9	—	—	5.27 Q	3.69
05/17/2022	--	417.95	1.53	0.315	0.582	7.43	3.03	30.8	0.241	60.3	1.63	9.48
09/21/2022	--	417.52	0.761	0.172	0.36	4.20	1.41	15.0	0.138	117	0.313	4.20
10/26/2022	--	417.18	—	—	0.05850	4.44	0.603	6.34	0.06240	143	0.04040	1.62
04/27/2023	--	—	0.845	0.152	0.174	4.14	1.22	13.4	0.09230	81.9	0.157	3.20
07/25/2023	--	418.06	1.22	0.294	0.433	3.97	1.66	16.5	0.17	89.7	0.0930	4.34
08/16/2023	--	417.81	0.677	0.163	0.02190	4.34	0.606	8.10	0.08860	51.9	0.0027900	1.14
09/27/2023	--	417.93	0.03090	0.141	0.03120	2.44	0.193	6.54	0.05050	73.5	0.0012800	0.282
10/24/2023	--	—	0.27	0.06210	0.02150	2.44	0.337	4.61	0.01620	96.2	0.0052200	0.712
07/30/2024	--	417.93	—	—	0.01070	2.41	0.144	3.99	0.0310	45.8	0.0078700	0.787
09/05/2024	--	419.37	0.05790	0.01870	0.01340	1.33	0.08540	1.01	0.0061500	44.4	0.0025800	0.113
10/01/2024	--	418.88	0.02770	0.0110	0.0043400	1.44	0.005400	0.423	U(0.000250)	60.7	0.0017500	0.06040
MW17-2												
03/29/2018	--	--	—	—	U (0.30)	12.0	U (0.30)	22.0	—	—	2.70	2.11
09/07/2018	--	--	—	—	0.18	15.0	0.66	17.0	—	—	3.20	4.50
03/14/2019	--	415.28	—	—	0.0470	10.0	0.0940	4.20	—	—	0.94	1.49
07/29/2019	--	416.35	—	—	U (0.15)	8.50	0.50	16.0	—	—	1.80	3.90
08/04/2020	--	419.67	—	—	0.05050	20.5	0.236	5.03	—	—	0.477	415
10/15/2020	--	418.62	—	—	0.00395 J	8.25	0.05080	0.601	—	—	0.02350	0.218
03/30/2021	--	415.35	—	—	0.000952 J	7.78	0.01320	0.309	—	—	U (0.001)	0.02640
10/12/2021	--	418.57	—	—	0.00157 J	3.22	0.00324 J	0.0560 B,J	—	—	0.005900	0.0107 J
05/17/2022	--	418.02	0.241	0.06790	0.0032500	7.44	0.618	4.50	0.02690	70.9	0.0041700	1.50
09/21/2022	--	417.49	0.0020800	0.000324000	0.03270	3.13	0.0070200	0.194	0.000392000	206	0.001100	0.01980
10/26/2022	--	417.16	—	—	0.04850	1.76	0.0063800	0.227	U	146	0.000738000	0.01930
06/06/2023	--	417.83	0.04270	0.02320	0.06030	2.43	0.182	2.38	0.02070	133	0.0010700	0.447
07/25/2023	--	417.49	0.0031800	0.002300	0.0081500	0.866	0.003700	U(2.00)	0.0010400	90.4	U(0.00100)	0.0062100
08/16/2023	--	417.74	0.0056700	0.0039400	0.0042500	U(0.800)	0.0047700	0.168	0.0029800	71.8	U(0.00100)	0.007700
09/27/2023	--	417.95	0.000885000	0.0011300	0.0053900	0.628	0.000505000	0.222	0.000349000	69.4	U(0.00100)	0.0011300
10/24/2023	--	—	0.0021300	0.0025400	0.0060900	1.26	0.0015400	0.231	U(0.000250)	96.8	U(0.00100)	0.0032800
05/21/2024	--	416.16	0.01210	0.0091300	0.149	1.71	0.02720	0.54	0.0065400	94.1	0.000555000	0.04350
07/30/2024	--	417.52	—	—	0.03650	1.92	0.03020	0.54	0.0040200	75.6	0.000429000	0.06260
09/05/2024	--	418.84	0.0051300	0.0045900	0.0045700	1.03	0.01070	0.269	0.0022300	92.4	U(0.00100)	0.01870

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Data Table

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethylbenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Xylenes</i>
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
10/01/2024	--	418.69	0.001700	0.000478000	U(0.00100)	5.05	0.0019600	U(0.100)	U(0.000250)	86.3	U(0.00100)	0.0041200
MW-10												
03/10/1994	--	418.07	—	—	19.0	—	2.30	—	—	—	24.0	19.0
09/09/1994	--	419.89	—	—	15.2	—	0.90	—	—	—	18.0	14.9
12/12/1994	--	418.10	—	—	16.7	—	2.10	—	—	—	20.0	15.5
08/15/1997	--	415.92	—	—	8.30	—	1.16	77.0	—	—	14.4	9.35
05/27/1999	--	415.09	—	—	6.88	12.8	1.35	64.0	—	—	13.4	7.17
04/17/2000	--	413.89	—	—	1.86	5.84	0.887	35.0	—	—	7.06	3.47
10/26/2000	--	417.44	—	—	1.88	9.04	0.914	39.7	—	—	7.20	5.53
12/13/2001	--	413.14	—	—	2.70	10.1	1.59	53.8	—	—	9.60	7.73
05/01/2002	--	414.55	—	—	0.01220	1.96	0.01370	1.10	—	—	0.007400	0.117
08/19/2002	--	417.86	—	—	1.92	15.9	0.664	27.5	—	—	3.55	3.512
11/05/2002	--	417.06	—	—	0.04560	6.78	0.03680	1.70	—	—	0.0053300	0.1189
03/19/2003	--	416.21	—	—	0.477	12.9	0.319	8.80	—	—	0.313	1.404
08/05/2003	--	418.43	—	—	2.54	17.6	0.876	61.8	—	—	8.79	7.09
03/08/2004	--	414.92	—	—	0.198	10.3	U (0.025)	12.8	—	—	0.912	2.89
09/15/2004	--	416.64	—	—	0.08020	6.01	0.04970	2.06	—	—	0.0023400	0.446
07/15/2005	--	417.82	—	—	0.416	14.9	0.513	25.6	—	—	3.37	3.63
07/27/2006	--	417.06	—	—	0.413	16.3	0.714	32.5	—	—	5.30	4.88
03/02/2007	--	414.23	—	—	0.203	8.80	0.545	32.8	—	—	2.33	3.90
10/17/2007	--	416.47	—	—	0.0032400	6.43	0.01050	1.15	—	—	0.0010200	0.04060
06/05/2008	--	415.69	—	—	0.23	10.2	1.18	38.4	—	—	2.90	8.14
09/29/2008	--	417.20	—	—	0.0013900	3.67	0.0120	1.18	—	—	0.0040300	0.07770
02/25/2009	--	--	—	—	0.07780	30.3	1.18	43.4	—	—	2.70	8.89
07/21/2009	--	416.71	—	—	0.0140	11.8	1.26	47.3	—	—	1.77	12.2
03/17/2010	--	413.98	—	—	0.002700	16.2	1.20	92.0	—	—	1.50	9.50
09/15/2010	--	416.60	—	—	0.0063500	21.3	0.776	16.2	—	—	0.09020	4.06
03/22/2011	--	414.01	—	—	0.0042500	17.4	0.678	16.0	—	—	0.01950	3.15
09/01/2011	--	417.49	—	—	0.0067300	30.5	0.498	22.5	—	—	0.09080	3.00
03/13/2012	--	414.42	—	—	U (0.010)	10.3	0.118	4.24	—	—	U (0.010)	0.679
07/23/2012	--	416.97	—	—	0.0022600	2.57	0.0016100	0.32	—	—	0.001200	U (0.0030)
02/21/2013	--	414.24	—	—	0.000877000	4.55	0.0070200	2.69	—	—	0.0015600	0.166
08/13/2013	--	416.54	—	—	0.0024500	10.3	0.02160	1.59	—	—	0.0045500	0.07550
03/19/2014	--	414.30	—	—	0.000642000	7.82	0.01450	1.98	—	—	0.0040400	0.119
07/31/2014	--	419.65	—	—	0.0110	10.0	0.0470	5.00	—	—	0.002400	1.20
03/03/2015	--	414.98	—	—	0.00067000	3.20	0.00200	0.23	—	—	U (0.0005)	0.006300
07/27/2015	--	416.16	—	—	0.001200	4.00	0.003700	0.65	—	—	0.00200	0.0110
02/23/2016	--	415.20	—	—	U (0.001)	2.70	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)
10/06/2016	--	418.72	—	—	U (0.001)	2.30	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)

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Data Table

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethylbenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Xylenes</i>
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
03/16/2017	--	414.92	—	—	0.0110	6.70	0.16	3.70	—	—	0.002700	0.489
03/29/2018	--	414.60	—	—	0.0220	13.0	0.35	9.60	—	—	0.0100	1.30
09/07/2018	--	418.69	—	—	0.0270	13.0	0.27	5.20	—	—	0.005200	1.283
03/13/2019	--	415.23	—	—	0.0160	8.00	0.21	3.50	—	—	U (0.002)	0.726
07/29/2019	--	416.33	—	—	U (0.15)	13.0	0.20	5.60	—	—	U (0.1)	0.82
08/04/2020	--	419.74	—	—	0.05770	1.90	0.597	4.20	—	—	0.142	1.89
10/15/2020	--	418.63	—	—	0.0050600	1.74	0.06490	1.12	—	—	0.03870	0.198
10/12/2021	--	417.98	—	—	0.000209 J,Q	2.43	0.00142 J	0.280 B,J	—	—	U (0.005)	0.00214 J
05/17/2022	--	418.01	0.06940	0.01850	0.0014700	3.65	0.03180	0.858	0.0028600	68.8	0.00300	0.09130
09/20/2022	--	417.45	0.02010	0.0059600	0.002100	1.34	0.0095500	0.105	0.001500	111	0.000407000	0.0250
04/27/2023	--	--	0.02660	0.0071800	0.0072900	1.43	0.02070	0.568	0.0041500	80.5	0.000835000	0.04210
07/25/2023	--	417.87	0.02650	0.0086600	0.01410	1.88	U(0.00100)	0.556	0.0025700	62.6	U(0.00100)	0.03110
10/24/2023	--	--	0.04050	0.01380	0.0027100	0.354	0.02050	0.461	0.000436000	68.3	U(0.00100)	0.02760
06/10/2024	--	415.95	0.487	0.184	0.001300	1.33	0.04770	6.72	0.02570	55.4	0.000294000	0.09020
09/05/2024	--	419.04	0.0100	0.0059500	0.0020800	0.869	0.01970	0.387	U(0.000250)	44.7	U(0.00100)	0.03130
MW-11												
09/28/2012	--	416.27	—	—	0.235	19.4	0.873	40.3	—	—	0.594	5.52
02/21/2013	--	414.26	—	—	0.01770	5.72	1.61	41.1	—	—	0.0070700	7.20
08/13/2013	--	416.53	—	—	0.257	7.79	0.60	5.45	—	—	0.01520	1.15
03/19/2014	--	414.33	—	—	0.09330	14.1	0.915	22.1	—	—	0.05480	3.28
07/31/2014	--	419.65	—	—	0.0880	7.00	0.51	10.0	—	—	0.0320	2.00
03/03/2015	--	414.99	—	—	0.0380	3.00	0.60	17.0	—	—	0.0710	2.90
07/27/2015	--	416.2	—	—	0.46	13.0	1.50	34.0	—	—	0.16	6.60
02/23/2016	--	415.22	—	—	U (0.001)	1.20	U (0.001)	0.13	—	—	U (0.001)	0.002500
10/06/2016	--	418.74	—	—	U (0.001)	0.77	0.006800	0.20	—	—	U (0.001)	0.002500
03/16/2017	--	414.93	—	—	U (0.2)	6.20	0.89	14.0	—	—	0.48	3.99
07/07/2017	--	416.97	—	—	0.11	7.40	0.40	7.10	—	—	0.26	1.76
03/29/2018	--	414.62	—	—	U (0.15)	8.00	0.92	U (90)	—	—	0.71	6.10
09/07/2018	--	418.71	—	—	0.0680	3.20	0.57	7.80	—	—	0.0660	2.29
03/13/2019	--	415.23	—	—	0.10	9.90	0.85	19.0	—	—	0.30	5.00
07/29/2019	--	416.28	—	—	U (0.15)	9.80	0.67	15.0	—	—	0.16	4.96
08/04/2020	--	419.64	—	—	0.0570	3.51	0.434	5.63	—	—	0.0040300	1.75
10/15/2020	--	418.6	—	—	0.000929 J	1.06 J	0.01060	0.386 J	—	—	0.0012100	0.0810
10/12/2021	--	417.94	—	—	0.0010300	1.97	0.492 Q	5.40	—	—	0.000688 J	1.38
05/17/2022	--	418.05	0.531	0.126	0.0071200	3.70	1.29	6.62	0.161	72.1	0.0079300	2.19
09/20/2022	--	417.45	0.227	0.0610	0.0057800	1.63	0.315	2.53	0.04410	102	0.000431000	0.733
06/06/2023	--	417.79	0.263	0.01240	0.01740	1.46	0.479	1.80	0.07470	74.3	0.000332000	0.526
07/25/2023	--	417.75	0.182	0.07360	0.01650	0.553	0.129	1.85	0.01990	57.3	U(0.0200)	0.238
10/24/2023	--	--	0.188	0.0620	0.008200	0.60	0.07610	1.77	0.0091500	63.3	U(0.00100)	0.07860

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Data Table

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethylbenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Xylenes</i>
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
09/05/2024	--	418.92	0.03430	0.0130	0.0012600	0.762	0.01250	0.495	0.00018000	44.1	U(0.00100)	0.01720
MW-12												
09/28/2012	--	416.30	—	—	0.0043800	2.74	3.51	165	—	—	13.9	19.5
02/21/2013	--	414.30	—	—	0.0120	3.66	2.69	71.1	—	—	7.69	12.8
08/13/2013	--	416.54	—	—	0.03340	6.05	1.00	22.6	—	—	7.30	6.21
09/24/2013	--	--	—	—	0.0091300	7.11	0.344	8.35	—	—	1.65	1.72
11/19/2013	--	415.65	—	—	0.01170	11.7	0.527	13.5	—	—	1.83	2.19
03/19/2014	--	414.40	—	—	0.01280	11.4	0.663	27.9	—	—	2.24	5.34
07/31/2014	--	419.67	—	—	U (0.0005)	0.50	0.002700	0.18	—	—	0.006300	0.0150
03/03/2015	--	416.05	—	—	U (0.0005)	1.20	0.0220	6.80	—	—	0.0100	0.24
07/27/2015	--	416.21	—	—	0.00057000	0.99	0.0260	3.20	—	—	0.0110	0.19
02/23/2016	--	415.28	—	—	U (0.001)	0.32	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)
10/06/2016	--	418.79	—	—	U (0.001)	0.39	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)
03/16/2017	--	415.00	—	—	U (0.02)	1.50	0.30	3.80	—	—	U (0.02)	0.52
07/07/2017	--	417.04	—	—	U (0.002)	1.40	0.13	2.80	—	—	U (0.04)	0.38
03/29/2018	--	414.69	—	—	U (0.003)	0.58	U (0.003)	2.00	—	—	U (0.002)	U (0.002)
09/07/2018	--	418.78	—	—	U (0.0004)	0.56	0.0190	1.10	—	—	U (0.001)	0.0630
03/13/2019	--	415.30	—	—	U (0.003)	0.78	0.0100	1.30	—	—	U (0.002)	0.0550
07/30/2019	--	416.38	—	—	U (0.003)	0.47	U (0.003)	0.26	—	—	U (0.002)	0.003900
08/03/2020	--	422.58	—	—	0.000353000	0.852	0.05380	1.23	—	—	0.03640	0.487
10/14/2020	--	418.68	—	—	0.01920	0.658 J	0.123	1.08	—	—	0.000817 J	0.425
03/30/2021	--	415.36	—	—	0.000395 J	1.26	0.02210	2.30	—	—	0.000853 J	0.06760
10/12/2021	--	418.00	—	—	0.000217 J	0.989	0.07220	1.93	—	—	0.0021500	0.50
05/17/2022	--	418.03	0.116	0.0250	0.000342000	0.745	0.01840	0.547	0.000545000	66.9	0.000613000	0.0940
09/21/2022	--	417.55	0.05720	0.02380	0.0240	0.787	0.0980	0.528	0.005800	66.5	0.0024300	0.188
04/27/2023	--	--	0.04830	0.04420	U(0.00100)	0.614	0.01980	0.662	0.0073700	56.0	0.000298000	0.02720
07/25/2023	--	417.81	0.01680	0.01040	0.0079600	0.336	0.06610	0.43	0.0039700	56.3	U(0.00100)	0.118
10/24/2023	--	--	U(0.00100)	0.0010900	0.0054300	U(0.840)	0.02920	0.196	0.000731000	110	0.0013400	0.0083800
06/10/2024	--	416.44	0.000641000	U(0.00100)	0.000214000	0.231	0.01240	0.574	0.000763000	108	0.001600	0.02570
09/05/2024	--	418.93	0.01410	0.0054300	0.0027500	0.80	0.03750	0.354	0.000207000	46.4	0.000598000	0.04640
MW-13												
09/28/2012	--	416.31	—	—	U (0.0005)	0.738	0.02630	8.11	—	—	0.03160	0.609
02/21/2013	--	414.31	—	—	0.001300	1.90	0.01250	0.649	—	—	U (0.0005)	0.167
08/13/2013	--	416.55	—	—	U (0.0005)	0.839	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
09/24/2013	--	--	—	—	U (0.0005)	0.736	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
11/19/2013	--	415.48	—	—	U (0.0005)	0.478	U (0.0005)	U (0.05)	—	—	0.000751000	0.0016800
03/18/2014	--	414.42	—	—	0.000671000	1.13	U (0.0005)	0.05930	—	—	0.000846000	0.0020800
07/31/2014	--	419.67	—	—	U (0.0005)	U (0.42)	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)

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Data Table

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethylbenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Xylenes</i>
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
03/03/2015	--	415.04	—	—	0.0200	0.62	0.0280	0.82	—	—	U (0.0005)	0.13
07/27/2015	--	416.24	—	—	U (0.0005)	0.58	0.001400	U (0.05)	—	—	U (0.0005)	0.004600
02/23/2016	--	415.31	—	—	U (0.001)	2.30	0.009600	1.00	—	—	U (0.001)	0.0730
10/06/2016	--	418.80	—	—	U (0.001)	0.65	U (0.001)	U (0.05)	—	—	U (0.001)	0.005800
03/16/2017	--	415.02	—	—	U (0.002)	0.44	U (0.0053)	0.15	—	—	U (0.002)	0.0130
07/07/2017	--	417.06	—	—	U (0.002)	0.32	U (0.003)	U (1.0)	—	—	U (0.002)	U (0.002)
03/29/2018	--	414.70	—	—	U (0.003)	0.45	U (0.003)	U (1)	—	—	U (0.002)	U (0.002)
09/07/2018	--	418.76	—	—	U (0.0004)	0.43	U (0.001)	U (0.15)	—	—	U (0.001)	U (0.002)
03/13/2019	--	415.34	—	—	U (0.003)	0.36	0.007200	U (1.3)	—	—	U (0.002)	0.009400
07/29/2019	--	416.37	—	—	U (0.003)	1.10	0.008500	0.45	—	—	U (0.002)	0.02140
08/03/2020	--	419.57	—	—	0.000323000	0.554	0.04390	1.01	—	—	0.03510	0.454
10/14/2020	--	418.67	—	—	0.0180	1.30	0.155	1.86	—	—	0.01080	0.63
03/30/2021	--	415.41	—	—	0.00019 J	0.341 J	0.0036100	0.139 B	—	—	U (0.001)	0.0070500
10/12/2021	--	418.00	—	—	U (0.001)	0.538 J	0.000274 J	0.0684 B,J	—	—	U (0.001)	0.0076900
09/21/2022	--	417.54	0.01530	0.0074900	0.0079700	0.569	0.03090	0.293	U(0.000250)	64.1	0.001200	0.07240
06/06/2023	--	417.91	0.000842000	0.00014000	0.000573000	0.659	0.0120	0.218	0.0013400	85.2	U(0.00100)	0.01010
07/25/2023	--	416.86	0.0034300	0.0022400	0.0022500	0.356	0.01640	0.20	U(0.000250)	55.2	U(0.00100)	0.02290
10/24/2023	--	--	0.0064400	0.0036700	0.0029900	U(0.840)	0.01570	0.111	U(0.000250)	140	0.000576000	0.02250
06/10/2024	--	416.37	0.0011900	0.00059000	0.000235000	0.451	0.0026300	0.442	U(0.000250)	91.9	0.000302000	0.0042600
09/05/2024	--	418.97	U(0.00100)	0.000122000	U(0.00100)	0.679	0.000167000	0.08380	U(0.000500)	57.8	U(0.00100)	0.000455000
MW-16												
02/26/1992	--	418.29	—	—	0.00400	—	U	—	—	U	U	
06/04/1992	--	418.41	—	—	0.00300	—	U	—	—	U	0.00700	
11/30/1992	--	416.60	—	—	0.51	—	0.0560	—	—	—	0.0940	0.15
02/24/1993	--	418.13	—	—	0.41	—	0.0360	—	—	—	0.0330	0.0840
08/18/1993	--	420.26	—	—	0.0990	—	U	—	—	—	U	0.0140
11/23/1993	--	419.59	—	—	0.0390	—	U	—	—	—	U	0.00400
03/10/1994	--	418.28	—	—	0.00500	—	U	—	—	—	0.00100	U
06/01/1994	--	418.82	—	—	0.0220	—	0.00300	—	—	—	U	0.00300
09/08/1994	--	420.22	—	—	U	—	U	—	—	—	U	U
12/14/1994	--	418.22	—	—	0.0120	—	0.00100	—	—	—	U	U
12/20/1995	--	414.53	—	—	0.0550	—	U	—	—	—	U	0.00300
05/16/1996	--	415.78	—	—	0.00700	—	U	—	—	—	U	U
08/15/1996	--	416.58	—	—	U	—	U	—	—	—	U	U
12/09/1996	--	415.43	—	—	0.007100	—	U	—	—	—	U	U
03/20/1997	--	414.40	—	—	0.005600	—	U	—	—	—	U	U
11/18/1997	--	415.22	—	—	0.0013400	—	U	—	—	—	0.0010100	0.0013500
05/01/1998	--	414.38	—	—	0.0056700	0.534	0.0019300	0.0890	—	—	0.0030800	0.0073900
10/14/1998	--	416.59	—	—	U	0.281	U	U	—	—	U	0.0022200

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Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
05/27/1999	--	415.29	—	—	0.0020300	2.64	U	U	—	—	U	U
11/05/1999	--	415.51	—	—	—	13.0	U	U	—	—	U	U
04/17/2000	--	414.15	—	—	0.0030500	3.66	U	U	—	—	U	U
10/26/2000	--	417.47	—	—	0.0018600	3.98	U	U	—	—	0.0026100	0.00300
05/30/2001	--	413.63	—	—	0.0007000	6.65	U	U	—	—	U	U
12/13/2001	--	413.23	—	—	0.0480	5.29	0.01090	0.90	—	—	0.302	0.05540
08/19/2002	--	417.85	—	—	U (0.0005)	U (0.5)	U (0.002)	U (0.09)	—	—	U (0.002)	0.0089600
11/05/2002	--	417.07	—	—	0.000589000	0.595	U (0.002)	U (0.09)	—	—	U (0.002)	0.0023400
03/19/2003	--	416.23	—	—	0.000531000	1.10	U (0.002)	U (0.09)	—	—	0.0065300	0.0046900
03/08/2004	--	414.95	—	—	U (0.0005)	2.85	U (0.0005)	0.0720	—	—	0.02880	U (0.001)
09/15/2004	--	416.65	—	—	0.0006000	1.36	U (0.0005)	0.05210	—	—	0.01430	U (0.0015)
01/10/2005	--	414.70	—	—	0.000648000	1.24	U (0.0005)	0.175	—	—	0.08860	0.0022100
07/15/2005	--	417.99	—	—	0.0007000	1.06	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
02/16/2006	--	414.58	—	—	U (0.0005)	2.09	U (0.0005)	0.06410	—	—	0.02250	U (0.0015)
07/27/2006	--	417.08	—	—	0.000638000	1.06	U (0.0005)	U (0.05)	—	—	0.01080	U (0.0015)
03/02/2007	--	414.25	—	—	U (0.0005)	1.95	U (0.0005)	U (0.05)	—	—	0.0020600	U (0.0015)
10/17/2007	--	416.62	—	—	U (0.0025)	6.53	U (0.0025)	U (0.25)	—	—	0.0031800	U (0.0075)
06/05/2008	--	415.88	—	—	U (0.0005)	4.40	U (0.0005)	0.07610	—	—	0.01170	U (0.0015)
09/29/2008	--	417.26	—	—	U (0.0005)	2.69	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
02/25/2009	--	414.49	—	—	U (0.0005)	3.44	U (0.0005)	0.06330	—	—	0.01350	U (0.0015)
07/21/2009	--	416.76	—	—	U (0.0005)	0.564	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.003)
03/17/2010	--	413.98	—	—	U (0.001)	0.586	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.002)
09/15/2010	--	416.52	—	—	U (0.0005)	2.35	0.000796000	U (0.05)	—	—	U (0.0005)	0.0050800
03/22/2011	--	413.98	—	—	U (0.0005)	2.82	U (0.0005)	0.221	—	—	0.08520	U (0.0015)
09/01/2011	--	417.42	—	—	U (0.0005)	2.38	U (0.0005)	U (0.05)	—	—	U (0.0005)	U (0.0015)
03/13/2012	--	414.39	—	—	U (0.0005)	4.18	U (0.0005)	0.241	—	—	0.08450	U (0.0015)
07/23/2012	--	417.64	—	—	U (0.0005)	1.04	U (0.0010)	U (0.05)	—	—	U (0.0010)	U (0.0030)
02/21/2013	--	414.34	—	—	U (0.0005)	1.38	U (0.0005)	0.182	—	—	0.0660	U (0.0015)
08/13/2013	--	416.56	—	—	U (0.0005)	3.61	U (0.0005)	U (0.05)	—	—	0.0014300	U (0.0015)
03/18/2014	--	414.51	—	—	U (0.0005)	3.17	U (0.0005)	0.178	—	—	0.06940	U (0.0015)
07/31/2014	--	419.70	—	—	U (0.0005)	2.30	U (0.001)	U (0.05)	—	—	U (0.001)	U (0.001)
03/03/2015	--	415.20	—	—	0.0150	1.30	0.007300	0.74	—	—	0.0390	0.13
07/27/2015	--	416.22	—	—	0.006800	0.81	0.005700	0.42	—	—	0.001600	0.0710
02/23/2016	--	415.26	—	—	U (0.001)	0.40	U (0.001)	U (0.05)	—	—	U (0.001)	0.005800
10/06/2016	--	418.77	—	—	U (0.001)	0.35	U (0.001)	U (0.05)	—	—	U (0.001)	0.002400
03/16/2017	--	414.98	—	—	U (0.002)	0.88	U (0.003)	U (0.05)	—	—	U (0.002)	U (0.002)
07/07/2017	--	417.02	—	—	U (0.002)	3.70	U (0.003)	U (1.0)	—	—	U (0.002)	U (0.003)
09/07/2018	--	418.73	—	—	U (0.0004)	0.34	U (0.001)	U (0.15)	—	—	U (0.001)	U (0.002)
03/13/2019	--	415.27	—	—	U (0.003)	1.90	U (0.003)	U (1.3)	—	—	U (0.002)	U (0.003)

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Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
07/30/2019	--	415.37	—	—	U (0.003)	0.39	U (0.003)	U (0.25)	—	—	U (0.002)	0.00300
10/14/2020	--	418.63	—	—	0.01440	0.918	0.000399 J	0.0468 J	—	—	0.000556 J	0.02410
03/30/2021	--	415.38	—	—	U (0.001)	0.97	U (0.001)	0.0233 BJ	—	—	U (0.001)	0.000994 J
10/12/2021	--	418.00	—	—	U (0.001)	1.57	U (0.001)	U (0.1)	—	—	U (0.001)	0.000223 J
05/17/2022	--	418.08	0.000654000	0.000128000	U(0.00100)	0.967	U(0.00100)	0.02970	U(0.000250)	40.4	U(0.00100)	0.000339000
09/20/2022	FP	417.51	FP	FP	FP	FP	FP	FP	FP	FP	FP	FP
04/27/2023	--	--	U(0.00100)	U(0.00100)	0.000111000	3.48	U(0.00100)	0.03310	U(0.000250)	48.8	0.00072000	U(0.00300)
07/25/2023	--	417.94	U(0.00100)	U(0.00100)	U(0.00100)	0.84	U(0.00100)	U(0.100)	U(0.000250)	63.7	U(0.00100)	U(0.00100)
10/24/2023	--	--	U(0.00100)	U(0.00100)	U(0.00100)	0.497	U(0.00100)	U(0.100)	U(0.000250)	43.5	U(0.00100)	U(0.00100)
06/10/2024	--	416.38	U(0.00100)	U(0.00100)	U(0.00100)	0.854	U(0.00100)	U(0.100)	U(0.000250)	43.0	U(0.00100)	U(0.00100)
09/05/2024	--	418.83	U(0.00100)	U(0.00100)	U(0.00100)	0.921	U(0.00100)	U(0.100)	U(0.000250)	69.5	U(0.00100)	U(0.00300)
RM-1												
10/10/2012	--	416.29	—	—	0.04250	1.40	0.0840	7.60	—	—	6.09	1.80
02/21/2013	--	414.27	—	—	0.000539000	0.92	0.942	9.80	—	—	15.4	0.51
08/13/2013	--	416.55	—	—	0.00072000	1.30	3.08	1.80	—	—	0.09220	6.83
09/24/2013	--	--	—	—	0.006700	1.70	0.131	27.2	—	—	0.23	16.7
11/19/2013	--	415.53	—	—	0.0550	12.6	0.20	175	—	—	0.33	1.32
03/19/2014	--	414.37	—	—	0.02130	10.8	U (0.001)	2.81	—	—	0.68	2.06
07/31/2014	--	419.58	—	—	0.02510	1.23	0.0960	4.70	—	—	2.83	0.71
03/03/2015	--	402.63	—	—	0.00261 J	1.20	0.593	3.50	—	—	7.25	1.60
07/27/2015	--	--	—	—	U (0.15)	0.74	2.14	8.40	—	—	0.137	5.09
02/23/2016	--	414.75	—	—	0.008700	1.50	0.246	14.7	—	—	0.40	11.3
10/06/2016	--	417.91	—	—	0.0840	17.5	0.23	69.9	—	—	0.69	1.89
07/07/2017	--	417.04	—	—	0.02680	10.7	0.45	4.26	—	—	0.77	1.55
09/06/2017	--	--	—	—	0.04320	2.31	0.36	6.10	—	—	0.201	2.73
09/07/2018	--	413.04	—	—	0.000358 J	1.10	0.568	12.0	—	—	12.2	2.90
07/30/2019	--	415.38	—	—	(0.003) U	3.30	1.80	12.0	—	—	0.000503 J	2.55
10/24/2019	--	--	—	—	0.00500	5.20	0.142	11.9	—	—	0.0380	10.4
08/04/2020	--	417.00	—	—	U (0.001)	13.2	0.15	39.9	—	—	0.74	1.25
10/15/2020	--	--	—	—	U (0.0005)	9.27	0.27	5.34	—	—	0.93	1.49
10/12/2021	--	417.82	—	—	0.02460	2.22	0.20	4.30	—	—	0.15	2.00
09/20/2022	--	417.43	0.826	0.32	0.000939000	3.32	0.266	7.88	0.06990	62.8	0.002600	1.98
06/06/2023	--	--	0.795	0.331	0.0011200	4.11	0.281	6.84	0.06060	58.6	0.0013900	2.15
07/25/2023	--	417.93	0.805	0.349	0.0011800	3.18	0.331	6.52	0.09420	81.6	0.0014300	2.59
08/16/2023	--	417.70	0.597	0.235	U(0.0200)	1.52	0.163	5.03	0.06130	66.1	U(0.00200)	1.25
10/24/2023	--	--	0.477	0.266	0.0026600	2.35	0.186	5.53	0.03950	85.6	U(0.00100)	1.22
05/21/2024	--	416.18	0.696	0.31	0.0046300	3.25	0.19	5.52	0.06810	64.7	0.0019800	1.59
07/30/2024	--	--	—	—	0.0044400	3.30	0.164	7.53	0.08020	71.2	0.0016600	1.72
09/05/2024	--	419.02	0.388	0.194	0.0016700	2.58	0.141	4.28	0.02710	64.6	0.000723000	1.09

7-Eleven 46746
 7-Eleven - Paula Sime 3679 College Rd
 Fairbanks, Alaska 99709

Data Table

	<i>Well Screen Interval</i>	<i>Ground Water Elevation</i>	<i>124-TMB</i>	<i>135-TMB</i>	<i>Benzene</i>	<i>DRO</i>	<i>Ethylbenzene</i>	<i>GRO</i>	<i>Naphthalene</i>	<i>Sodium</i>	<i>Toluene</i>	<i>Xylenes</i>
Unit	ft	ft	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
GW Human Health Cleanup			0.056	0.06	0.0046	1.5	0.015	2.2	0.0017		1.1	0.19
10/01/2024	--	418.59	0.614	0.214	0.0016500	3.30	0.263	6.63	0.03410	62.4	U(0.00500)	1.88
RM-2												
08/29/2019	--	--	—	—	0.0017900	0.384 J	0.01570	0.479	—	—	0.0020900	0.06660
10/24/2019	--	--	—	—	0.004600	0.45	0.0890	2.00	—	—	0.0580	0.342
08/04/2020	--	--	—	—	U (0.001)	U (0.800)	0.000505000	0.01350	—	—	U (0.001)	0.000565000
10/15/2020	--	--	—	—	0.02260	1.49	0.274	3.98	—	—	0.413	1.24
03/30/2021	--	--	—	—	0.02970	1.21	0.352	4.16	—	—	0.05410	0.74
10/12/2021	--	417.79	—	—	0.000496 J	0.650 J	0.04010	0.645	—	—	U (0.001)	0.06170
05/17/2022	--	418.05	0.0014900	0.000547000	0.000133000	U(0.840)	0.004900	0.133	0.000327000	25.8	U(0.00100)	0.0018300
09/20/2022	--	--	0.147	0.05490	0.04840	0.95	0.286	2.96	0.03740	60.4	0.02710	0.756
04/27/2023	--	--	0.05360	0.03510	0.0086100	0.739	0.199	1.88	0.03130	51.4	0.000523000	0.331
06/06/2023	--	--	0.05470	0.02860	0.0029400	0.824	0.154	1.15	0.01820	58.5	0.000349000	0.395
07/25/2023	--	417.51	0.06850	0.03750	0.02290	0.417	0.204	1.80	0.03050	54.6	0.000486000	0.443
08/16/2023	--	417.31	0.05940	0.03060	0.01890	U(0.800)	0.183	1.82	0.02560	47.9	0.0010700	0.365
09/27/2023	--	--	0.06070	0.02580	0.01120	0.869	0.193	1.38	0.01830	54.0	U(0.00100)	0.309
10/24/2023	--	--	0.05510	0.02710	0.0130	0.903	0.197	1.60	0.01850	56.0	U(0.00100)	0.283
05/21/2024	--	--	0.05190	0.01630	0.01310	0.529	0.132	1.15	0.02340	39.4	0.0065200	0.211
07/30/2024	--	416.86	—	—	0.01190	0.667	0.143	1.63	0.03160	42.3	0.02960	0.196
09/05/2024	--	417.66	0.08230	0.02770	0.01210	0.952	0.18	2.01	0.02060	42.3	0.0063700	0.337
10/01/2024	--	418.16	0.113	0.03250	0.01330	1.08	0.231	2.31	0.03720	46.0	0.000755000	0.524