



Groundwater & Environmental Services, Inc.

313 Oswalt Avenue
Batavia, IL 60510

T. 866.455.2419

September 1, 2022

Binyoti Amungwafor
Wisconsin Department of Natural Resources
Remediation and Redevelopment
1027 W. Saint Paul Avenue
Milwaukee, WI 53233

**Re: Incomplete Site Investigation Response
CITGO Milwaukee Terminal
9235 North 107th Street
Milwaukee, Wisconsin
BRRTS No. 03-41-001622**

Dear Binyoti:

Groundwater Environmental Services, Inc., (GES) has conducted a vapor pathway assessment for the above-referenced BRRTS case (the Site), pursuant to the DNRs request in a letter dated May 2, 2022 to Mr. Scott Buckner, CITGO Petroleum Corporation (CITGO).

The likelihood of vapor intrusion occurring at the Site was assessed based on current site data and Wisconsin DNR Publication RR-800, *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin, PVOG Vapor Intrusion Screening Guidelines, January 2018* (the guidance document). The following situations where a vapor investigation is recommended due to the potential for vapor intrusion, per Figure 3b, *PVOG Vapor Intrusion Screening Guidelines* of the guidance document and a comparison to Site conditions is provided below:

- **NAPL Indicators:** NAPL has not been detected at the Site during investigation and monitoring activities. The maximum concentration of benzene detected in groundwater and soil was 0.460 milligrams per liter (mg/L) and 5.8 milligrams per kilogram (mg/kg), respectively (Table A.1 and A.2). These concentrations are below the soil and groundwater NAPL indicator concentrations of 5 mg/L and 10 mg/kg, respectively, per the guidance document.
- **Near Source:** The source of contamination, former USTs, were located greater than 15 feet from any occupied buildings (Figures B.2.b). The USTs were removed in 1991, the pit was over-excavated to the extent possible, and clean fill was used for backfill.



- **Utility with PVOC Vapors:** All underground utilities serving occupied buildings run along the northern boundary of the property and are not located within the soil and groundwater plumes (Figures B.2.b and B.3.b).
- **Benzene greater than/equal to Preventative Action Limit (PAL):** Based on site investigations, the benzene plume is isolated to the southern central portion of the Site at piezometer PZ-1, where there are no occupied buildings. Additionally, benzene was not detected in groundwater monitoring wells MW-103 and MW-105 at concentrations exceeding its PAL. These wells are located near other Site buildings (Table A.1 and Figure B.3.b)
- **Benzene greater than/equal to 1 milligram per liter within 5 feet of building foundation:** Benzene has not been detected in Site groundwater samples at concentrations equal to or exceeding 1 mg/L (Table A.1).
- **PVOC impacted soil with potential for off-gassing within 5 feet of a building:** PVOCs have not been detected within 5 vertical and horizontal feet of the Site buildings. Potential PVOC off-gassing appears to be limited to the area around soil borings GP-1, SB-102, and SB-103, which are located in an area where there are no occupied buildings (Table A.2 and Figure B.2.b).

Based on the above comparison of site conditions to the guidance document, there is a low likelihood of vapor intrusion occurring at any of the occupied Site buildings.

On June 28, 2022, CITGO made notification to the County of Milwaukee concerning the groundwater exceedance of the benzene enforcement standard and soil exceeding the Residual Contaminant Levels (RCLs) that extend into the ROW, 107th Street. A copy of the notification is attached as reference. To date, no objections have been received.

The soil (\$300.00) and groundwater (\$350.00) database fees and review fee (\$1,050.00) in association with BRRTS 02-41-00700 and the closure packet are being submitted under a separate cover.

Sincerely,
Groundwater & Environmental Services, Inc.

A handwritten signature in black ink that reads "Amber Sheldon Verbick".

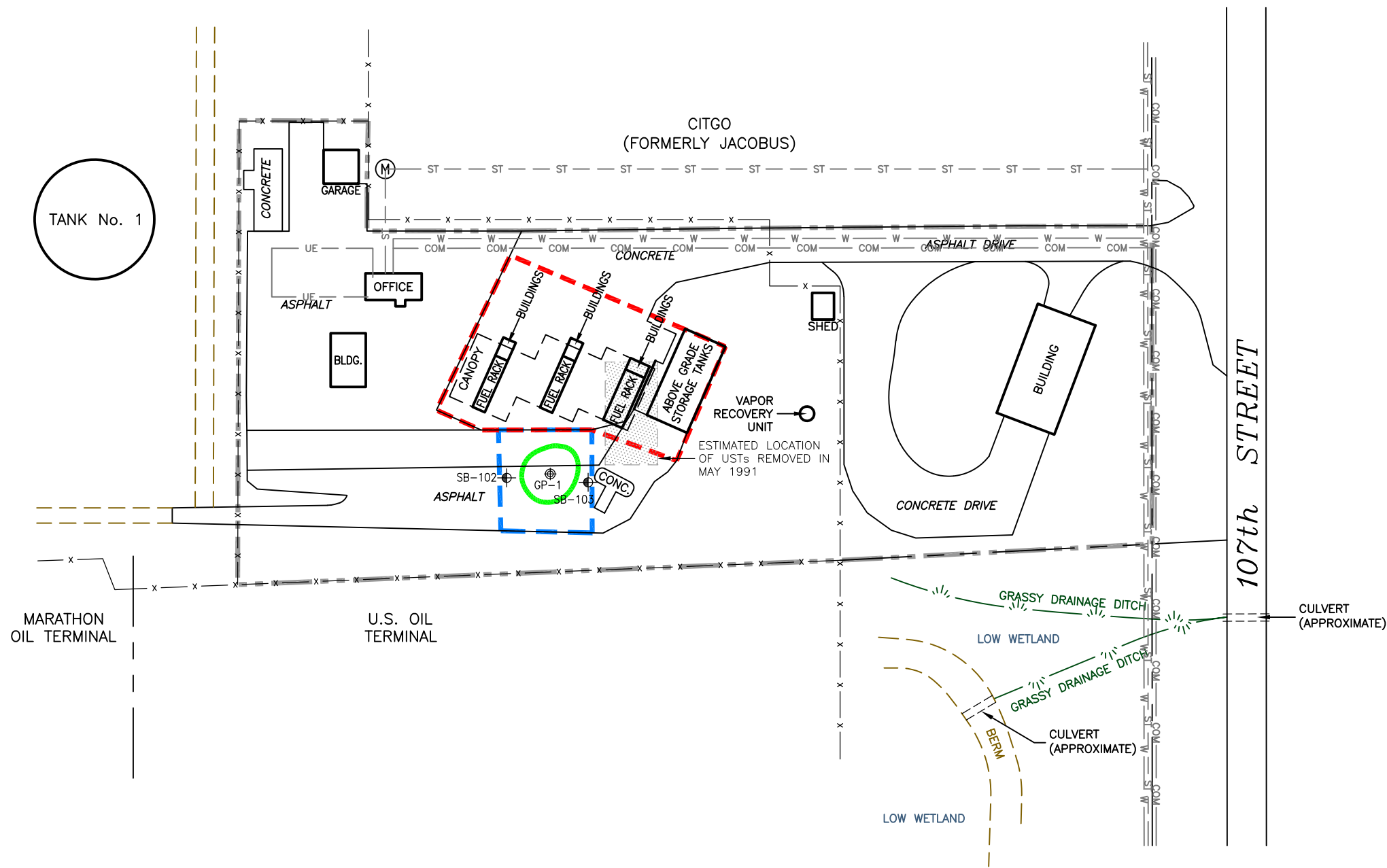
Amber Sheldon Verbick
Senior Project Manager

A handwritten signature in blue ink that reads "Gregory L. Waggle".

Gregory L. Waggle, PG
Senior Geologist


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Source: Aerostar Environment Services, Inc. Dec. 2009.



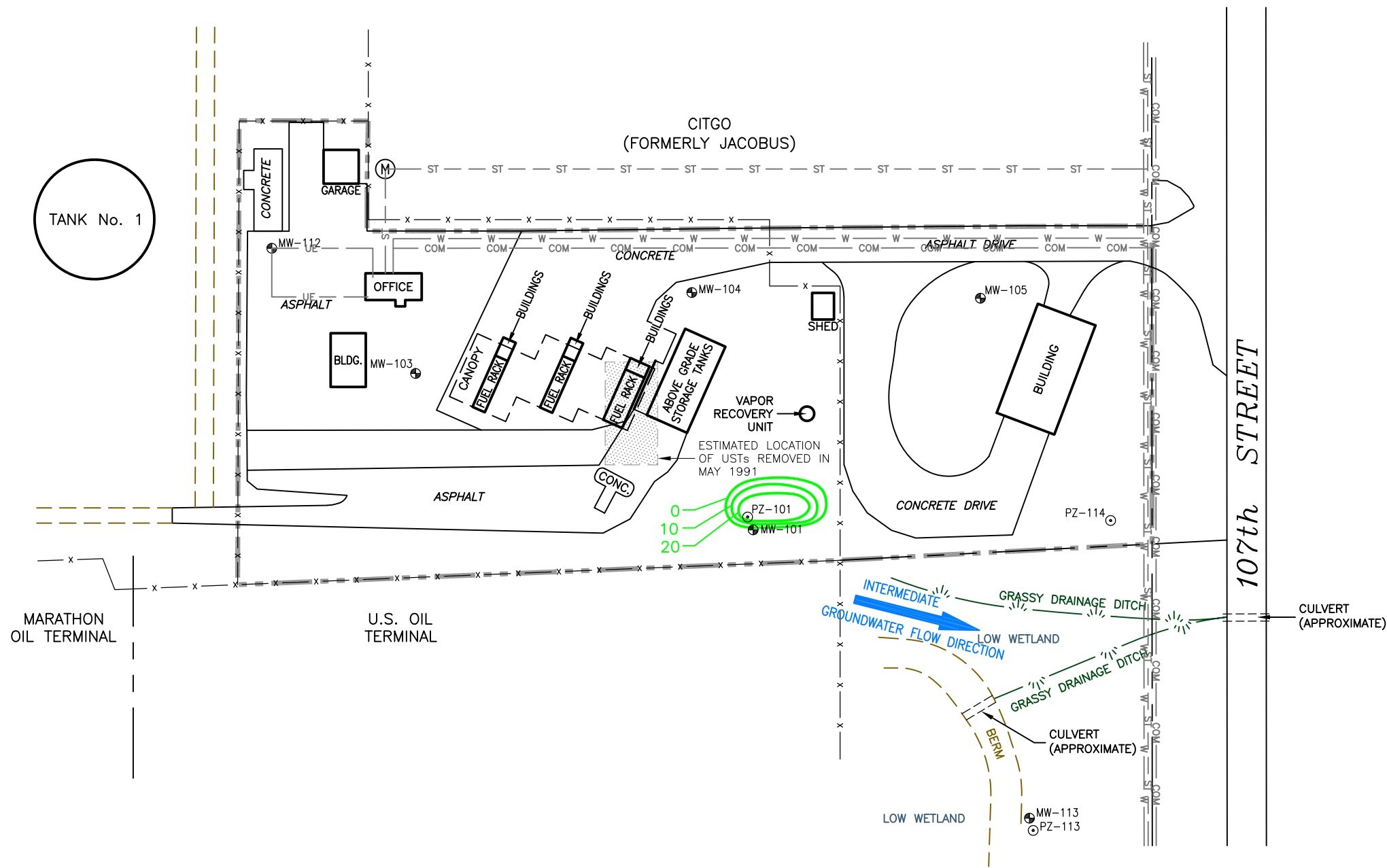
LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- x - CHAIN LINK FENCE
- ⊕ GEOPROBE BORING
- ⊙ SOIL BORING
- COM - ABOVE GROUND ELECTRIC & COMMUNICATION
- UE - UNDERGROUND ELECTRIC & CABLE
- W - UNDERGROUND WATER LINE
- ST - UNDERGROUND SEWER LINE
- EXTENT OF HORIZONTAL CONTAMINATION
- ▭ AREA COVERED BY BARRIER FOR CONTINUING OBLIGATIONS
- ▭ STRUCTURAL IMPEDIMENT

Residual Soil Containment	
Citgo Petroleum Corporation Milwaukee Terminal 9235 N 107th Street Milwaukee, Wisconsin	
Drawn E.V. Designed Approved	Date 06/10/22 Figure B.2.b.
	
Scale In Feet (Approximate) 	
 Groundwater & Environmental Services, Inc.	

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Source: Aerostar Environment Services, Inc. Dec. 2009.



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- x — CHAIN LINK FENCE
- ⊕ MONITORING WELL
- ⊙ PIEZOMETER
- COM — ABOVE GROUND ELECTRIC & COMMUNICATION
- UE — UNDERGROUND ELECTRIC & CABLE
- W — UNDERGROUND WATER LINE
- ST — UNDERGROUND SEWER LINE
- BENZENE ISOCONTOUR (µg/L)
- µg/L MICROGRAMS PER LITER

Groundwater Isoconcentration Map	
Citgo Petroleum Corporation Milwaukee Terminal 9235 N 107th Street Milwaukee, Wisconsin	
Drawn E.V. Designed Approved	Date 06/10/22 Figure B.3.b.
Scale In Feet (Approximate) 	
 Groundwater & Environmental Services, Inc.	



Table A.1
 Groundwater Analytical Data

Sample ID	Date	Sample Type	Top of Casing (feet)	Depth to Water (feet)	GW Elevation (feet)	Adjusted GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Trimethylbenzene (µg/L)
NR 140 Enforcement Standard							5	1,000	700	10,000	60	480
NR 140 Preventive Action Limit							0.5	200	140	1,000	12	96
MW-101	08/25/1995		733.23	14.47	718.76	718.76	<2	<2	<2	<2	30	-
	09/21/1995		733.23	NG	NG	NG	ND	ND	ND	ND	66	-
	10/16/1995		733.23	5.68	727.55	727.55	NS	NS	NS	NS	NS	NS
	06/12/1996		733.23	4.56	728.67	728.67	<1	<1	<1	<1	29	<1
	01/02/1998		733.23	6.70	726.53	726.53	NS	NS	NS	NS	NS	NS
	03/02/1998		733.23	3.91	729.32	729.32	<1	<1	<1	<1	<1	<2
	09/10/1998		733.23	6.49	726.74	726.74	<1	<1	<1	<1	23	<2
	06/01/1999		733.23	5.30	727.93	727.93	<1	<1	<1	<1	<10	<2
	12/08/1999		733.23	6.83	726.40	726.40	<0.13	<0.2	<0.22	<0.23	17	<0.51
	05/26/2000		733.23	5.20	728.03	728.03	<0.1	<0.1	<0.25	<0.25	14	<0.2
	07/26/2000		733.23	5.72	727.51	727.51	NS	NS	NS	NS	NS	NS
	06/10/2002		733.23	4.67	728.56	728.56	<0.45	<0.68	<0.82	<1.7	10	<0.94
	11/05/2003		733.23	5.35	727.88	727.88	<0.3	<0.58	<0.6	<1.2	2.7	<0.66
	11/29/2004		733.23	6.19	727.04	727.04	<0.14	<0.36	<0.4	<0.74	16	<0.4
	10/28/2005		733.23	6.52	726.71	726.71	<0.14	<0.36	<0.4	<0.74	0.41Q	<0.4
	10/19/2006		733.23	5.33	727.90	727.90	<0.25	<0.11	<0.22	<0.39	0.39	<0.25
	11/01/2007		733.23	5.64	727.59	727.59	<0.25	0.14 J	<0.22	<0.39	0.33 J	<0.25
	11/18/2008		733.23	5.53	727.70	727.70	<0.25	<0.25	<0.22	<0.39	0.37 J	<0.25
	12/04/2009		733.23	5.93	727.30	727.30	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/10/2010		733.23	6.65	726.58	726.58	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
11/30/2011		733.23	5.75	727.48	727.48	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83	
11/07/2012		733.23	6.46	726.77	726.77	<0.5	<0.5	<0.5	<1	<1	<1	
11/04/2013		733.23	6.27	726.96	726.96	<0.5	<0.5	<0.5	<1	<1	<1	
11/06/2014		733.23	5.97	727.26	727.26	<0.5	<0.5	<0.5	<1	<1	<1	
09/26/2016		733.23	5.30	727.93	727.93	<0.5	<0.5	<0.5	<1	<1	<1	
09/21/2017		733.23	6.27	726.96	726.96	<0.5	<0.5	<0.5	<1.5	0.21 J	<1	
MW-102	08/25/1995		731.14	2.63	728.51	728.51	<2	<2	<2	<2	130	-
	09/21/1995		731.14	NG	NG	NG	ND	ND	ND	ND	94	-
	10/16/1995		731.14	2.59	728.55	728.55	NS	NS	NS	NS	NS	NS
	06/13/1996		731.14	1.49	729.65	729.65	<1	<1	<1	<1	35	<1
	01/02/1998		731.14	3.30	727.84	727.84	NS	NS	NS	NS	NS	NS
	03/02/1998		731.14	1.15	729.99	729.99	3	<1	4	2	<1	2
	09/10/1998		731.14	5.10	726.04	726.04	<1	<1	<1	<1	<1	<2
	06/01/1999		731.14	3.28	727.86	727.86	<1	<1	<1	<1	36	<2
	12/08/1999		731.14	3.68	727.46	727.46	<0.13	<0.2	<0.22	<0.23	54	<0.51
	05/26/2000		731.14	3.38	727.76	727.76	<0.1	<0.1	<0.25	<0.25	26	<0.2
	07/26/2000		731.14	3.58	727.56	727.56	NS	NS	NS	NS	NS	NS
	06/10/2002		731.14	2.77	728.37	728.37	<0.45	<0.68	<0.82	<1.7	57	<0.94
	11/05/2003		731.14	NG	NG	NG						
11/29/2004		731.14	NG	NG	NG							

Well buried under street bond
 Well abandoned in July 2004 during parking lot pavement



Table A.1
 Groundwater Analytical Data

Sample ID	Date	Sample Type	Top of Casing (feet)	Depth to Water (feet)	GW Elevation (feet)	Adjusted GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Trimethylbenzene (µg/L)
NR 140 Enforcement Standard							5	1,000	700	10,000	60	480
NR 140 Preventive Action Limit							0.5	200	140	1,000	12	96
MW-103	08/25/1995		732.44	2.49	729.95	729.95	<2	<2	<2	<2	140	-
	08/25/1995	DUP	732.44	NG	NG	NG	<2	<2	<2	<2	<8	-
	09/21/1995		732.44	NG	NG	NG	ND	ND	ND	ND	80	-
	10/16/1995		732.44	2.50	729.94	729.94	NS	NS	NS	NS	NS	NS
	06/12/1996		732.44	1.16	731.28	731.28	<1	<1	<1	<1	46	<1
	01/02/1998		732.44	4.80	727.64	727.64	NS	NS	NS	NS	NS	NS
	03/02/1998		732.44	1.18	731.26	731.26	<1	<1	<1	<1	<1	<2
	09/10/1995		732.44	2.92	729.52	729.52	<1	<1	<1	<1	<1	<2
	06/01/1999		732.44	1.85	730.59	730.59	<1	<1	<1	<1	130	<2
	06/01/1999	DUP	732.44	NG	NG	NG	<1	<1	<1	<1	220	<2
	12/08/1999		732.44	3.54	728.90	728.90	<0.83	<0.2	<0.22	<0.23	310	<0.51
	05/26/2000		732.44	2.00	730.44	730.44	<0.5	<0.5	<1.2	<1.2	380	<0.51
	07/26/2000		732.44	2.41	730.03	730.03	NS	NS	NS	NS	NS	NS
	06/10/2002		732.44	2.27	730.17	730.17	<2.2	<3.4	<4.1	<8.5	580	<4.7
	06/10/2002	DUP	732.44	NG	NG	NG	<2.2	<3.4	<4.1	<8.5	570	<4.7
	11/05/2003		732.44	3.25	729.19	729.19	<1.5	<2.9	<3	<6	600	<3.3
	11/05/2003	DUP	732.44	NG	NG	NG	<1.5	<2.9	<3	<6	600	<3.3
	11/29/2004		732.44	2.30	730.14	730.14	<0.55	<1.4	<1.6	<3	550	<1.6
	11/29/2004	DUP	732.44	NG	NG	NG	<0.55	<1.4	<1.6	<3	550	<1.6
	10/28/2005		732.44	3.36	729.08	729.08	<0.14	<0.36	<0.4	<0.74	390	<0.4
	10/19/2006		732.44	2.00	730.44	730.44	<1.2	<0.55	<1.1	<2	420	<1.2
	10/19/2006	DUP	732.44	NG	NG	NG	<1.2	<0.55	<1.1	<2	420	<1.2
	11/01/2007		732.44	2.16	730.28	730.28	<2.5	<1.1	<2.2	<3.9	400	<2.5
	11/18/2008		732.44	2.69	729.75	729.75	<10 RL3	<1	<0.88	<1.6	310	<1
	12/04/2009		732.44	1.67	730.77	730.77	<0.39	<0.42	<0.41	<1.25	289	<0.83
	12/04/2009	DUP	732.44	NG	NG	NG	<0.39	<0.42	<0.41	<1.25	286	<0.83
	11/10/2010		732.44	3.51	728.93	728.93	<0.39	<0.42	<0.41	<1.25	254	<0.83
	11/30/2011		732.44	1.85	730.59	730.59	<0.39	<0.42	<0.41	<1.25	43.8	<0.83
	11/30/2011	DUP	732.44	NG	NG	NG	<0.39	<0.42	<0.41	<1.25	43.7	<0.83
	11/07/2012		732.44	2.61	729.83	729.83	<0.5	<0.5	<0.5	<1	8.9	<1
11/07/2012	DUP	732.44	NG	NG	NG	<0.5	<0.5	<0.5	<1	8.7	<1	
11/04/2013		732.44	2.64	729.80	729.80	<0.5	<0.5	<0.5	<1	13	<1	
11/04/2013	DUP	732.44	NG	NG	NG	<0.5	<0.5	<0.5	<1	16	<1	
11/06/2014		732.44	2.57	729.87	729.87	<0.5	<0.5	<0.5	<1	9.5	<1	
11/06/2014	DUP	732.44	NG	NG	NG	<0.5	<0.5	<0.5	<1	9.3	<1	
09/26/2016		732.44	1.79	730.65	730.65	<0.5	<0.5	<0.5	<1	19	<1	
09/26/2016	DUP	732.44	NG	NG	NG	<0.5	<0.5	<0.5	<1	12	<1	
09/21/2017		732.44	2.63	729.81	729.81	<0.5	<0.5	<0.5	<1.5	43.6	<1	
09/21/2017	DUP	732.44	NG	NG	NG	<0.5	<0.5	<0.5	<1.5	43.5	<1	
MW-104	08/25/1995		735.06	10.57	724.49	724.49	<2	<2	<2	<2	<8	-
	10/16/1995		735.06	4.92	730.14	730.14	NS	NS	NS	NS	NS	NS
	06/12/1996		735.06	3.82	731.24	731.24	<1	<1	<1	<1	<1	<1
	01/02/1998		735.06	5.62	729.44	729.44	NS	NS	NS	NS	NS	NS
	03/02/1998		735.06	4.08	730.98	730.98	<1	<1	<1	<1	<1	<2
	09/11/1998		735.06	5.38	729.68	729.68	<1	<1	<1	<1	<1	<2
	06/01/1999		735.06	4.75	730.31	730.31	<1	<1	<1	<1	<1	<2
	12/08/1999		735.06	5.09	729.97	729.97	<0.13	<0.2	<0.22	<0.23	0.39	<0.51
	05/26/2000		735.06	4.36	730.70	730.70	NS	NS	NS	NS	NS	NS
	07/26/2000		735.06	5.08	729.98	729.98	NS	NS	NS	NS	NS	NS
	06/10/2002		735.06	4.19	730.87	730.87	<0.45	<0.68	<0.82	<1.7	<0.43	<0.94
	11/05/2003		735.06	4.36	730.70	730.70	<0.3	<0.58	<0.6	<1.2	<0.58	<0.66
	11/29/2004		735.06	4.72	730.34	730.34	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/28/2005		735.06	5.16	729.90	729.90	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/28/2005	DUP	735.06	NG	NG	NG	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/19/2006		735.06	4.16	730.90	730.90	<0.25	0.13	<0.22	<0.39	<0.23	<0.25
	11/01/2007		735.06	4.97	730.09	730.09	<0.25	<0.11	<0.22	<0.39	<0.23	<0.25
	11/18/2008		735.06	5.02	730.04	730.04	<25	<0.25	<0.22	<0.39	<0.23	<0.25
	12/04/2009		735.06	4.62	730.44	730.44	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/10/2010		735.06	5.28	729.78	729.78	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/10/2010	DUP	735.06	NG	NG	NG	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/30/2010		735.06	NG	NG	NG	<0.39	<0.42	<0.41	<1.27	<0.38	<0.83
	11/30/2011		735.06	4.55	730.51	730.51	<0.39	<0.42	<0.41	<1.28	<0.38	<0.83
	11/07/2012		735.06	5.13	729.93	729.93	<0.5	<0.5	<0.5	<1	<1	<1
	11/04/2013		735.06	4.58	730.48	730.48	<0.5	<0.5	<0.5	<1	<1	<1
	11/06/2014		735.06	4.62	730.44	730.44	<0.5	<0.5	<0.5	<1	<1	<1
	09/26/2016		735.06	3.90	731.16	731.16	<0.5	<0.5	<0.5	<1	<1	<1
09/21/2017		735.06	5.30	729.76	729.76	<0.5	<0.5	<0.5	<1.5	<0.17	<1	



Table A.1
 Groundwater Analytical Data

Sample ID	Date	Sample Type	Top of Casing (feet)	Depth to Water (feet)	GW Elevation (feet)	Adjusted GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Trimethylbenzene (µg/L)
NR 140 Enforcement Standard							5	1,000	700	10,000	60	480
NR 140 Preventive Action Limit							0.5	200	140	1,000	12	96
MW-105	08/25/1995		729.88	10.11	719.77	719.77	<2	<2	<2	<2	<8	-
	10/16/1995		729.88	2.90	726.98	726.98	NS	NS	NS	NS	NS	NS
	01/02/1998		729.88	5.79	724.09	724.09	NS	NS	NS	NS	NS	NS
	03/02/1998		729.88	3.19	726.69	726.69	<1	<1	<1	<1	<1	<1
	09/10/1998		729.88	4.80	725.08	725.08	<1	<1	<1	<1	<1	<1
	06/01/1999		729.88	3.28	726.60	726.60	<1	<1	<1	<1	<1	<1
	12/08/1999		729.88	4.23	725.65	725.65	<0.13	<0.2	<0.22	<0.23	<0.16	<0.51
	05/26/2000		729.88	2.61	727.27	727.27	NS	NS	NS	NS	NS	NS
	07/26/2000		729.88	4.41	725.47	725.47	NS	NS	NS	NS	NS	NS
	06/10/2002		729.88	3.59	726.29	726.29	<0.45	<0.68	<0.82	<1.7	<0.43	<0.94
	11/05/2003		729.88	2.95	726.93	726.93	<0.3	<0.58	<0.6	<1.2	<0.58	<0.66
	11/29/2004		729.88	3.59	726.29	726.29	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/28/2005		729.88	4.36	725.52	725.52	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/19/2006		729.88	2.00	727.88	727.88	<0.25	<0.11	<0.22	<0.39	<0.23	<0.25
	11/01/2007		729.88	4.56	725.32	725.32	<0.25	<0.25	<0.22	<0.39	<0.23	<0.25
	11/18/2008		729.88	3.87	726.01	726.01	<0.25	<0.25	<0.22	<0.39	<0.23	<0.25
	12/04/2009		729.88	3.56	726.32	726.32	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/10/2010		729.88	4.66	725.22	725.22	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/30/2011		729.88	3.04	726.84	726.84	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/07/2012		729.88	3.63	726.25	726.25	<0.5	<0.5	<0.5	<1	<1	<1
11/04/2013		729.88	3.53	726.35	726.35	<0.5	<0.5	<0.5	<1	<1	<1	
11/06/2014		729.88	4.53	725.35	725.35	<0.5	<0.5	<0.5	<1	<1	<1	
09/26/2016		729.88	3.68	726.20	726.20	<0.5	<0.5	<0.5	<1	<1	<1	
09/21/2017		729.88	5.10	724.78	724.78	<0.5	1.9	<0.5	<1.5	<0.17	<1	
MW-112	08/28/1995		732.62	3.64	728.98	728.98	<2	<2	<2	<2	<8	<2
	10/16/1995		732.62	3.58	729.04	729.04	NS	NS	NS	NS	NS	NS
	01/02/1998		732.62	4.90	727.72	727.72	NS	NS	NS	NS	NS	NS
	03/02/1998		732.62	2.32	730.30	730.30	<1	<1	<1	<1	<1	<1
	03/02/1998	DUP	NG	NG	NG	NG	<1	<1	<1	<1	<1	<1
	09/10/1998		732.62	6.80	725.82	725.82	<1	<1	<1	<1	<1	<1
	09/10/1998	DUP	NG	NG	NG	NG	<1	<1	<1	<1	<1	<1
	06/01/1999		732.62	3.32	729.30	729.30	<1	<1	<1	<1	<1	<1
	12/08/1999		732.62	5.68	726.94	726.94	<0.13	<0.2	<0.22	<0.23	<0.16	<0.51
	05/26/2000		732.62	4.34	728.28	728.28	<0.1	<0.1	<0.25	<0.25	<0.25	<0.2
	07/26/2000		732.62	4.12	728.50	728.50	NS	NS	NS	NS	NS	NS
	06/10/2002		732.62	2.49	730.13	730.13	3.9	<0.68	<0.82	<1.7	<0.43	<0.94
	11/05/2003		732.62	3.28	729.34	729.34	0.58 Q	<0.58	<0.6	<1.2	<0.58	<0.66
	11/29/2004		732.62	4.60	728.02	728.02	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/28/2005		732.62	6.46	726.16	726.16	1.8	<0.36	<0.4	<0.74	<0.36	<0.4
	10/19/2006		732.62	3.18	729.44	729.44	<0.25	0.24	<0.22	<0.39	<0.23	<0.25
	11/01/2007		732.62	4.32	728.30	728.30	<0.25	0.24 J	<0.22	<0.39	<0.23	<0.25
	11/18/2008		732.62	5.20	727.42	727.42	<0.25	0.25	<0.22	<0.39	<0.23	<0.25
	12/04/2009		732.62	3.74	728.88	728.88	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/09/2010		732.62	5.86	726.76	726.76	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
11/30/2011		732.62	3.20	729.42	729.42	2.2	<0.42	<0.41	<1.25	<0.38	<0.83	
11/07/2012		732.62	5.14	727.48	727.48	<0.5	<0.5	<0.5	<1	<1	<1	
11/04/2013		732.62	4.63	727.99	727.99	<0.5	<0.5	<0.5	<1	<1	<1	
11/06/2014		732.62	4.33	728.29	728.29	<0.5	<0.5	<0.5	<1	<1	<1	
09/26/2016		732.62	2.70	729.92	729.92	<0.5	<0.5	<0.5	<1	<1	<1	
09/21/2017		732.62	4.97	727.65	727.65	<0.5	<0.5	<0.5	<1.5	<0.17	<1	



Table A.1
Groundwater Analytical Data

Sample ID	Date	Sample Type	Top of Casing (feet)	Depth to Water (feet)	GW Elevation (feet)	Adjusted GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Trimethylbenzene (µg/L)
NR 140 Enforcement Standard							5	1,000	700	10,000	60	480
NR 140 Preventive Action Limit							0.5	200	140	1,000	12	96
MW-113	06/12/1996		732.3	6.36	725.94	725.94	<2	<2	2	10	<2	37
	01/02/1998		732.3	6.06	726.24	726.24	NS	NS	NS	NS	NS	NS
	03/02/1998		732.3	6.19	726.11	726.11	9	<1	<1	<1	4	<2
	09/10/1998		732.3	6.96	725.34	725.34	<1	<1	<1	<1	<1	<2
	06/01/1999		732.3	6.21	726.09	726.09	<1	<1	<1	<1	<1	<2
	12/08/1999		732.3	6.97	725.33	725.33	<0.13	3.5	<0.22	<0.23	<0.16	0.3
	05/26/2000		732.3	6.60	725.70	725.70	NS	NS	NS	NS	NS	NS
	07/26/2000		732.3	7.80	724.50	724.50	NS	NS	NS	NS	NS	NS
	06/10/2002		732.3	6.50	725.80	725.80	<0.45	<0.68	<0.82	<1.7	<0.43	<0.94
	11/05/2003		732.3	5.55	726.75	726.75	<0.3	<0.58	<0.6	<1.2	<0.58	<0.66
	11/29/2004		732.3	7.00	725.30	725.30	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/28/2005		732.3	9.21	723.09	723.09	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/19/2006		732.3	5.55	726.75	726.75	<0.25	<0.11	<0.22	<0.39	<0.23	<0.25
	11/01/2007		732.3	7.64	724.66	724.66	<0.25	1.2	<0.22	<0.39	<0.23	<0.25
	11/18/2008		732.3	7.04	725.26	725.26	<0.25	<0.11	<0.22	<0.39	<0.23	<0.25
	12/04/2009		732.3	5.58	726.72	726.72	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/09/2010		732.3	7.72	724.58	724.58	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/29/2011		732.3	5.99	726.31	726.31	<0.39	<0.42	<0.41	<1.25	<0.38	<0.83
	11/07/2012		732.3	7.60	724.70	724.70	<0.5	<0.5	<0.5	<1	<1	<1
	11/04/2013		732.3	6.35	725.95	725.95	<0.5	<0.5	<0.5	<1	<1	<1
11/06/2014		732.3	6.76	725.54	725.54	<0.5	<0.5	<0.5	<1	<1	<1	
09/26/2016		732.3	6.28	726.02	726.02	<0.5	<0.5	<0.5	<1	<1	<1	
09/21/2017		732.3	9.27	723.03	723.03	<0.5	<0.5	<0.5	<1.5	<0.17	<1	
PZ-101	08/25/1995		733.4	5.38	728.02	728.02	55	<2	<2	<2	<8	<2
	09/21/1995		733.4	NG	NG	NG	230	ND	ND	ND	1000	-
	10/16/1995		733.4	5.32	728.08	728.08	NS	NS	NS	NS	NS	NS
	06/12/1996		733.4	3.82	729.58	729.58	140	<5	<5	<5	490	<5
	06/12/1996	DUP	733.4	NG	NG	NG	140	ND	ND	4	490	4
	01/02/1998		733.4	6.36	727.04	727.04	NS	NS	NS	NS	NS	NS
	03/02/1998		733.4	3.85	729.55	729.55	430	1	26	9	210	7
	09/10/1998		733.4	7.33	726.07	726.07	240	<1	23	<1	<1	7
	06/01/1999		733.4	4.65	728.75	728.75	130	<1	8	<1	66	2
	12/08/1999		733.4	7.20	726.20	726.20	130	1	11	1.3	100	2.8
	05/26/2000		733.4	4.40	729.00	729.00	52	0.58	4.8	<0.5	70	1
	07/26/2000		733.4	5.65	727.75	727.75	NS	NS	NS	NS	NS	NS
	06/10/2002		733.4	4.01	729.39	729.39	84	0.73	24	<1.7	58	<0.94
	11/05/2003		733.4	5.23	728.17	728.17	460	2.2	2.8	<1.2	60	<0.66
	11/29/2004		733.4	6.69	726.71	726.71	330	0.98	1.5	0.93	57	<0.4
	10/28/2005		733.4	7.96	725.44	725.44	260	1.5	2.1	1.5 Q	91	0.41
	10/19/2006		733.4	4.78	728.62	728.62	140	0.87	<0.22	1.3	54	0.37
	11/01/2007		733.4	5.53	727.87	727.87	0.29 J	0.42	<0.22	<0.39	3.8	<0.25
	11/18/2008		733.4	6.92	726.48	726.48	1.1	<0.25	<0.22	<0.39	3.4	<0.25
	12/04/2009		733.4	5.08	728.32	728.32	101	0.92 J	<0.41	<1.26 J	15.3	<0.83
11/10/2010		733.4	7.19	726.21	726.21	67	0.78 J	<0.41	1.2 J	10	<0.83	
11/30/2011		733.4	4.81	728.59	728.59	30.7	0.47 J	<0.41	<1.25	10.2	<0.83	
11/07/2012		733.4	6.62	726.78	726.78	5.5	<0.5	<0.5	<1	6.6	<1	
11/04/2013		733.4	6.38	727.02	727.02	21	<0.5	<0.5	<1	8.1	<1	
11/06/2014		733.4	5.62	727.78	727.78	25	<0.5	<0.5	<1	8.6	<1	
09/26/2016		733.4	4.73	728.67	728.67	41	0.51	<0.5	<1	6.1	<1	
09/21/2017		733.4	6.47	726.93	726.93	24.5	<0.5	<0.5	<1.5	6.3	<1	
PZ-102	08/28/1995		731.21	2.9	728.31	728.31	<2	<2	<2	<2	<8	-
	10/16/1995		731.21	2.72	728.49	728.49	NS	NS	NS	NS	NS	NS
	06/13/1996		731.21	1.29	729.92	729.92	<1	<1	<1	<1	<1	<1
	01/02/1998		731.21	4.00	727.21	727.21	NS	NS	NS	NS	NS	NS
	03/02/1998		731.21	1.36	729.85	729.85	10	2	2	4	<1	2
	09/10/1998		731.21	4.85	726.36	726.36	<1	<1	<1	<1	<1	<2
	06/01/1999		731.21	2.22	728.99	728.99	<1	<1	<1	<1	<1	<2
	12/08/1999		731.21	4.82	726.39	726.39	<0.13	<0.2	<0.22	<0.23	<0.16	<0.51
	05/26/2000		731.21	2.86	728.35	728.35	<0.1	<0.1	<0.25	<0.25	0.49	<0.2
	07/26/2000		731.21	2.64	728.57	728.57	NS	NS	NS	NS	NS	NS
	06/10/2002		731.21	1.67	729.54	729.54	<0.45	<0.68	<0.82	<1.7	<0.43	<0.94
	11/05/2003		731.21	NG	NG	NG	Well Buried under street bond					
	11/29/2004		731.21	NG	NG	NG	Well abandoned in July 2004 during parking lot pavement					



Table A.1
Groundwater Analytical Data

Sample ID	Date	Sample Type	Top of Casing (feet)	Depth to Water (feet)	GW Elevation (feet)	Adjusted GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Trimethylbenzene (µg/L)
NR 140 Enforcement Standard							5	1,000	700	10,000	60	480
NR 140 Preventive Action Limit							0.5	200	140	1,000	12	96
PZ-113	06/12/1996		732.54	3.31	729.23	729.23	<1	<1	<1	<1	<1	<1
	01/02/1998		732.54	5.89	726.65	726.65	NS	NS	NS	NS	NS	NS
	03/02/1998		732.54	3.36	729.18	729.18	<1	<1	<1	<1	<1	<2
	09/10/1998		732.54	6.82	725.72	725.72	<1	<1	<1	<1	<1	<2
	06/01/1999		732.54	4.10	728.44	728.44	<1	<1	<1	<1	<1	<2
	12/08/1999		732.54	6.69	725.85	725.85	<0.13	<0.2	<0.22	<0.23	<0.16	<0.51
	05/26/2000		732.54	3.96	728.58	728.58	<0.1	<0.1	<0.25	<0.25	<0.25	<0.2
	07/26/2000		732.54	5.13	727.41	727.41	NS	NS	NS	NS	NS	NS
	06/10/2002		732.54	3.46	729.08	729.08	<0.45	<0.68	<0.82	<1.7	<0.43	<0.94
	11/05/2003		732.54	5.02	727.52	727.52	<0.3	<0.58	<0.6	<1.2	<0.58	<0.66
	11/29/2004		732.54	6.18	726.36	726.36	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/28/2005		732.54	7.35	725.19	725.19	<0.14	<0.36	<0.4	<0.74	<0.36	<0.4
	10/19/2006		732.54	4.38	728.16	728.16	<0.25	<0.11	<0.22	<0.39	<0.23	<0.25
	11/01/2007		732.54	5.19	727.35	727.35	<0.25	<0.11	<0.22	<0.39	<0.23	<0.25
	11/18/2008		732.54	6.26	726.28	726.28	<0.25	<0.25	<0.22	<0.39	<0.23	<0.25
	12/04/2009		732.54	4.60	727.94	727.94	<0.39	<0.42	<0.41	<1.25	<0.39	<0.83
	11/09/2010		732.54	6.61	725.93	725.93	<0.39	<0.42	<0.41	<1.25	<0.39	<0.83
	11/30/2011		732.54	4.51	728.03	728.03	<0.39	<0.42	<0.41	<1.25	<0.39	<0.83
	11/07/2012		732.54	6.17	726.37	726.37	<0.5	<0.5	<0.5	<1	<1	<1
	11/04/2013		732.54	5.88	726.66	726.66	<0.5	<0.5	<0.5	<1	<1	<1
11/06/2014		732.54	5.26	727.28	727.28	<0.5	<0.5	<0.5	<1	<1	<1	
09/26/2016		732.54	4.24	728.30	728.30	<0.5	<0.5	<0.5	<1	<1	<1	
09/21/2017		732.54	5.97	726.57	726.57	<0.5	<0.5	<0.5	<1.5	<0.17	<1	
PZ-114	04/14/2000		727.98	NG	NG	NG	<0.5	<1	<1	<1	46	<2
	05/26/2000		727.98	0.00	727.98	727.98	<0.1	<0.1	<0.25	<0.25	16	<0.2
	07/26/2000		727.98	0.08	727.90	727.90	NS	NS	NS	NS	NS	NS
	06/10/2002		727.98	0.00	727.98	727.98	<0.45	<0.68	<0.82	<1.7	25	<0.94
	11/05/2003		727.98	0.62	727.36	727.36	<0.3	<0.58	<0.6	<1.2	41	<0.66
	11/29/2004		727.98	1.66	726.32	726.32	<0.14	<0.36	<0.4	<0.74	45	<0.4
	10/28/2005		727.98	2.90	725.08	725.08	<0.14	<0.36	<0.4	<0.74	52	<0.4
	10/19/2006		727.98	0.24	727.74	727.74	<0.25	<0.11	<0.22	<0.39	34	<0.25
	11/01/2007		727.98	0.84	727.14	727.14	<0.25	<0.11	<0.22	<0.39	33	<0.25
	11/18/2008		727.98	1.87	726.11	726.11	<0.25	<0.25	<0.22	<0.39	17	<0.25
	12/04/2009		727.98	0.35	727.63	727.63	<0.39	<0.42	<0.41	<1.25	54.8	<0.83
	11/09/2010		727.98	2.26	725.72	725.72	<0.39	<0.42	<0.41	<1.25	52	<0.83
	11/30/2011		727.98	0.00	727.98	727.98	<0.39	<0.42	<0.41	<1.25	40.2	<0.83
	11/07/2012		727.98	1.70	726.28	726.28	<0.5	<0.5	<0.5	<1	48	<1
	11/04/2013		727.98	1.52	726.46	726.46	<0.5	<0.5	<0.5	<1	39	<1
	11/06/2014		727.98	0.79	727.19	727.19	<0.5	<0.5	<0.5	<1	33	<1
	09/26/2016		727.98	0.00	727.98	727.98	<0.5	<0.5	<0.5	<1	36	<1
09/21/2017		727.98	1.74	726.24	726.24	<0.5	<0.5	<0.5	<1.5	47.2	<1	

MTBE = Methyl tertiary butyl ether
 µg/L = micrograms/Liter
 <# = less than the method detection limit of #
 Italic = concentration exceeds the NR 140 PAL
 - = not analyzed
 NG = not gauged
 ND = not detected, the values for this event were not included in the original report, so exact values for the PQL cannot be listed.
 NS = not sampled
 Q = analyte detected between the limit of detection and the limit of quantitation
 J = estimated Concentration
 Bold = concentration exceeds the NR 140 ES
 DUP = duplicate
 NA = not available or not analyzed for that specific compound



Table A.2
Soil Analytical Data

Sampling Event	Sample ID	Depth (feet)	Sample Date	Soil Condition	Benzene (µg/kg)	Toluene (µg/kg)	Ethylbenzene (µg/kg)	Total Xylenes (µg/kg)	MTBE (µg/kg)	1,2,4-Trimethylbenzene (µg/kg)	1,3,5-Trimethylbenzene (µg/kg)	GRO (µg/kg)	DRO (µg/kg)
NR 720 Generic Residual Contaminant Levels					5.5	1,500	2,900	4,100	NA	NA	NA	100,000	100,000
NR 746 Table 1 Values					8,500	38,00	4,600	42,000	NA	83,000	11,000	NA	NA
NR 746 Table 2 Values					1,100	NA	NA	NA	NA	NA	NA	NA	NA
UST and AST Site Investigation	GP-1	2-4	6/7/1995	Unsaturated	5,800	18,000	48,000	87,000	890	45,000	14,000	670	120
	SB-102	2.5-4.5	8/18/1995	Unsaturated	110	<10	<10	<10	<40	<2.5	<1	24,000	11,000
	SB-103	2.5-4.5	8/18/1995	Unsaturated	170	64	490	1,683	<40	2,200	950	130,000	120,000
	MW-101	2-4	8/18/1995	Unsaturated	<10	<10	<10	<10	<40	<2.5	<1	<5,000	<2,900
	MW-102	2-4	8/16/1995	Unsaturated	<10	<10	<10	<10	<40	<2.5	<1	<5,000	<2,900
	MW-103	2-4	8/17/1995	Unsaturated	<10	<10	<10	<10	<40	<2.5	<1	7,000	6,000
	MW-104	2.5-4.5	8/18/1995	Unsaturated	<10	<10	<10	<10	<40	<2.5	<1	14,000	6,000
	MW-105	2-4	8/16/1995	Unsaturated	<10	<10	<10	<10	<40	<2.5	<1	<5,000	<2,900
	MW-106	2.5-4.5	8/25/1995	Unsaturated	<1	<1	<1	<1	<8	<1	<1	-	-
	MW-107	2.5-4.5	8/25/1995	Unsaturated	<1	<1	<1	<1	<8	<1	<1	-	-
	MW-108	2.5-4.5	8/25/1995	Unsaturated	<1	<1	<1	<1	<8	<1	<1	-	-
	MW-109	2.5-4.5	8/25/1995	Unsaturated	<1	<1	<1	<1	<8	<1	<1	-	-
	MW-110	2.5-4.5	8/23/1995	Unsaturated	<1	<1	<1	<1	<8	<1	<1	-	-
	MW-111	2.5-4.5	8/24/1995	Unsaturated	<1	<1	<1	<1	<8	<1	<1	-	-
MW-112	2.5-4.5	8/18/1995	Unsaturated	<1	<1	<1	<1	<8	8	2	-	-	
GP-1B	2-4	11/4/2013	Unsaturated	<34	36	41,000	29,000	<270		130,000	7,400	-	-

µg/kg = micrograms/kilogram
 MTBE = Methyl tertiary butyl ether
 Bold = concentration exceeds NR720 RCL
 <# = less than the method detection limit of #



CITGO Petroleum Corporation
2316 Terminal Drive
Arlington Heights, IL 60005

June 28, 2022

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Andrea Weddle-Henning, PE
Director of Transportation Engineering
Milwaukee County Department of Transportation Services
10320 W Watertown Plank Road, 2nd Floor
Wauwatosa, WI 53226

RE: Notification of Residual Contamination related to BRRTS # 03-41-001622
CTH F (107th Street) between Brown Deer Road and County Line Road, Milwaukee, WI
CITGO Milwaukee Terminal, 9235 N 107th Street, Milwaukee, WI 53224

Dear Ms. Weddle-Henning:

Please accept this notification of the potential for groundwater exceeding preventive action limits (PAL) that may extend from our property into the Highway Right-of-Way along the Western side of County F (107th Street) in Milwaukee, Wisconsin. This notice is meant to comply with the requirements set forth in NR 291.12 (4) Notification of Residual Contamination. Attached to this cover letter is a completed Wisconsin DNR Form 4400-286 as well as an iso-concentration map that displays the most recent MTBE concentration in well PZ-114 adjacent to the Highway Right-of-way. Levels of MTBE in this well have varied from 16 to 54.8 ug/L over the course of 20 years of sampling. CITGO has completed a request for closure of the above referenced BRRTS case and the WDNR Project Manager identified that a notification to you would be required as part of our request for closure and subsequent listing on the Wisconsin GIS Registry.

Should you have any questions regarding this notice or if further information is necessary please do not hesitate to contact me.

Best Regards,



Scott Buckner, CHMM
Regional EHSS Manager
CITGO Petroleum Corporation
2316 Terminal Drive
Arlington Heights, IL 60005
p: 847.867.2420
e: SBuckne@citgo.com

**Notification of Continuing Obligations
and Residual Contamination**

The affected property is:

- the source property (the source of the hazardous substance discharge), but the property is not owned by the person who conducted the cleanup (a deeded property)
- a deeded property affected by contamination from the source property
- a right-of-way (ROW)
- a Department of Transportation (DOT) ROW

Include this completed page as an attachment with all notifications provided under sections A and B.

Contact Information

Responsible Party: The person responsible for sending this form, and for conducting the environmental investigation and cleanup is:

Responsible Party Name CITGO Petroleum Corporation

Contact Person Last Name Buckner	First Scott	MI B	Phone Number (include area code) (847) 867-2420
Address 1161 Waterford Cut	City Crystal Lake	State IL	ZIP Code 60014
E-mail <u>sbuckne@citgo.com</u>			

Name of Party Receiving Notification:

Business Name, if applicable: Milwaukee County Department of Transportation Services

Title Ms.	Last Name Weddle-Henning	First Andrea	MI	Phone Number (include area code) (414) 257-5910
Address 10320 W. Watertown Plank Road, 2nd Floor	City Wauwatosa	State WI	ZIP Code 53226	

Site Name and Source Property Information:

Site (Activity) Name CITGO OIL TERMINAL

Address 9235 N. 107th Street	City Milwaukee	State WI	ZIP Code 53224
DNR ID # (BRRTS#) 03-41-001622	(DATCP) ID #		

Contacts for Questions:

If you have any questions regarding the cleanup or about this notification, please contact the Responsible Party identified above, or contact:

Environmental Consultant: Groundwater and Environmental Services, Inc.

Contact Person Last Name Verbick	First Amber	MI	Phone Number (include area code) (866) 455-2914
Address 1050 Corporate Blvd., Suite C	City Aurora	State IL	ZIP Code 60505
E-mail <u>averbick@gesonline.com</u>			

Department Contact:

To review the Department's case file, or for questions on cleanups or closure requirements, contact:

Department of: Natural Resources (DNR) **Office:** Milwaukee

Address 2300 North Martin Luther King Drive	City Milwaukee	State WI	ZIP Code 53212
Contact Person Last Name Amungwafor	First Binyoti	MI	Phone Number (include area code) (414) 208-5874
E-mail (Firstname.Lastname@wisconsin.gov) <u>Binyoti.Amungwafor@wisconsin.gov</u>			

**Notification of Continuing Obligations
and Residual Contamination**

Section B: ROW Notification: Residual Contamination and/or Continuing Obligations - Non-DOT ROWs

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

10320 W. Watertown Plank Road, 2nd Floor
Wauwatosa, WI, 53226

Dear Ms. Weddle-Henning:

I am providing this notification to inform you of the location and extent of contamination remaining in a right-of-way for which you are responsible, and of certain long-term responsibilities (continuing obligations) for which county of Milwaukee County DOT Services may become responsible. I investigated a release of:

petroleum products

on 9235 N. 107th Street, Milwaukee, WI, 53224 that has shown that contamination

has migrated into the right-of-way for which Milwaukee County DOT is responsible.

I have responded to the release, and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

You have 30 days to comment on the proposed closure request:

The DNR will not review my closure request for at least 30 days after the date of this letter. As an affected right-of-way holder, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the DNR that is relevant to this closure request, you should mail that information to the DNR contact: 2300 North Martin Luther King Drive, Milwaukee, WI, 53212, or at Binyoti.Amungwafor@wisconsin.gov.

Residual Contamination:

Groundwater Contamination:

Groundwater contamination originated at the property located at: 9235 N. 107th Street, Milwaukee, WI, 53224 .

Contaminated groundwater has migrated onto your property at:

CTH F (107th Street) between Brown Deer Road and W County Line Road

The levels of

MTBE

contamination in the groundwater on your property are above the state groundwater preventive action limits found in ch. NR 140, Wis. Adm. Code.

If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If you or any other person plan to conduct utility or building construction for which dewatering will be necessary, you or that person must contact the DNR's Water Quality Program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>.

Continuing Obligations on the Right-of-Way (ROW) : As part of the response actions, I am proposing that the following continuing obligations be used at the affected ROW. If my closure request is approved, you will be responsible for the following continuing obligations:

**UTILITY OR BUILDING CONSTRUCTION DEWATERING MAY REQUIRE A GENERAL PERMIT
FOR DISCHARGE OF CONTAMINATED GROUNDWATER FROM REMEDIAL ACTION
OPERATIONS**


**Notification of Continuing Obligations
and Residual Contamination**

Well Construction Requirements:

If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at <https://dnr.wi.gov/topic/Brownfields/WRRD.html>. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary to protect the well from the remaining contamination. The property owner needs to first obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. A well driller can help complete this form. The well construction application, form 3300-254, is on the internet at <https://dnr.wi.gov/files/PDF/forms/3300/3300-254.pdf>

If you have any questions regarding this notification, I can be reached at: (847) 867-2420
sbuckne@citgo.com

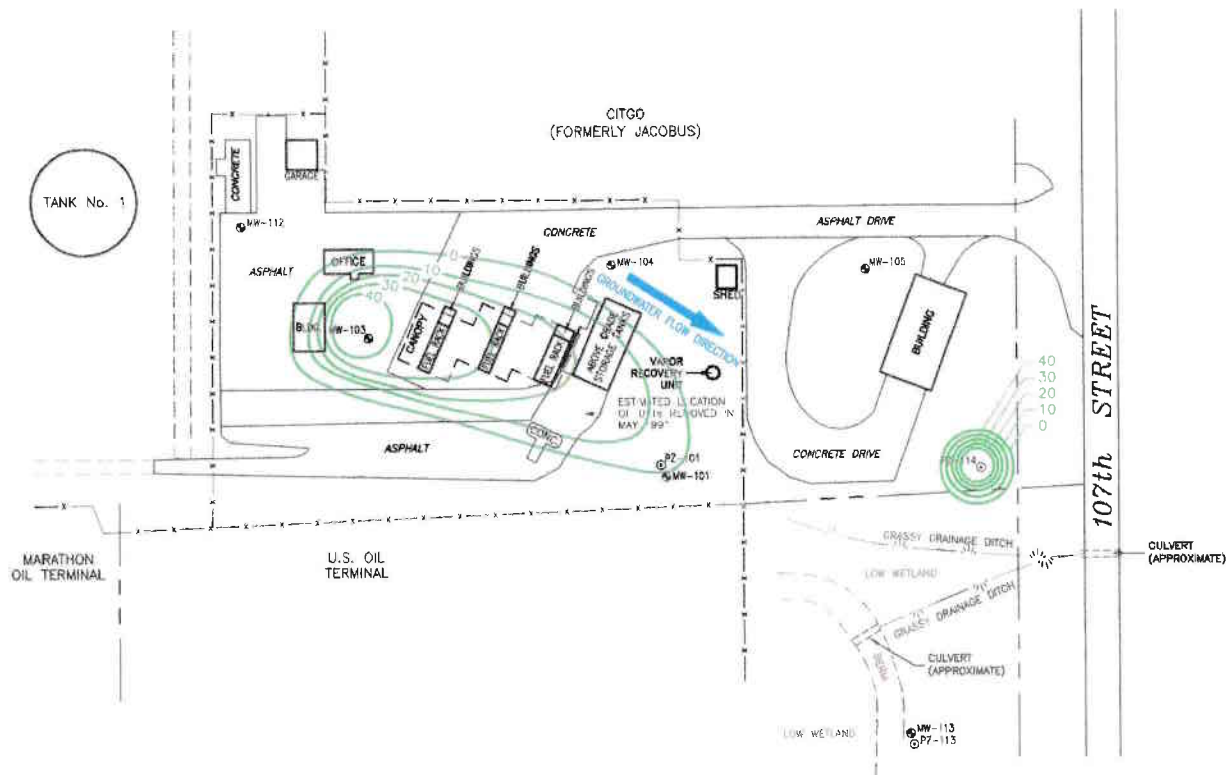
<i>Signature of responsible party/environmental consultant for the responsible party</i> 	Date Signed 6-28-2022
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Attachments

Contact Information

Legal Description for each Parcel:

CERTIFIED SURVEY MAP NO 4965 IN NE 1/4 SEC 6-8-21 PARCEL 2 AND
PARCEL1 SUBJ TO ACCESS EASEMENT AND PARCEL 2 IN CSM 6195 IN SD NE
1/4 SEC 6-8-21



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- x- CHAIN LINK FENCE
- ⊕ MONITORING WELL
- ⊙ PIEZOMETER
- ~ MTBE ISOCONTOUR (µg/L)
- MTBE METHYL *tert*-BUTYL ETHER
- µg/L MICROGRAMS PER LITER

Groundwater Isoconcentration

Citgo Petroleum Corporation
 Milwaukee Terminal
 9235 N 107th Street
 Milwaukee, Wisconsin

Drawn: E.V. Date: 08/01/19
 Checked: [Signature] [Signature]
 Approved: [Signature] B.3.b

