

March 2026
Monthly Progress Update
Former Circle K 1461, Seattle, WA

Purpose.

To provide monthly progress updates under Contract: C2400059 to the State of Washington, Department of Ecology on work progress, upcoming activities, schedule updates, and deliverable status.

This Monthly Progress Update Report for the period covering 01 March 2026 through 31 March 2026 for the Former Circle K 1461 Site in Seattle, WA.

Summary of operations, monitoring, and maintenance activities performed during the reporting period.

- ERRG continued operation, monitoring, and maintenance of the system under Phase 1 conditions.
- The extraction wells active for the duration of the reporting period were RW-3, RW-6, RW-7, and SW-2.
- ERRG performed monitoring and sampling as follows:
 - Task 3, Subtask 3B – monthly vapor monitoring for VOCs with PID at vapor treatment system (Vapor GAC) influent, midpoint and effluent on March 12, 2026, and March 26, 2026.
 - Task 3, Subtask 3B – monthly vapor monitoring for VOCs with PID at active extraction wells on February 20, 2026.
 - Task 3, Subtask 3C – monthly water treatment sampling performed at midpoint of liquid GAC vessel trains for BTEX.

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Summary of system performance:

- System flows range 55 to 64.6 cfm.
- Approximately 19,825 gallons of treated water was discharged.
- System vapor concentrations presented in table below.

Analyte	Inlet Concentration	Effluent Concentration	Control Efficiency ¹	Influent Emission	Influent Rates to Operate without Controls	Effluent Emissions	SQER	Di Minimis
PID calibrated to isobutylene (x 3.4 hexane conversion factor) – Vapor GAC March 13, 2026	21.0 ppm x 3.4 = 71.4 ppm	0.0 ppm x 3.4 = 0.0 ppm	100%	N/A	N/A	N/A	N/A	N/A
PID calibrated to isobutylene (x 3.4 hexane conversion factor) – Vapor GAC March 26, 2026	20.3 ppm x 3.4 = 69.02 ppm	0.0 ppm x 3.4 = 0.0 ppm	100%	N/A	N/A	N/A	N/A	N/A

Notes:

1. The control efficiency of the MPE system abatement device shall meet the following requirements, as applicable:

- ≥97% if inlet TPH ≥ 200 ppmv, measured as hexane or its equivalent; or,
- ≥90% if inlet TPH < 200 ppmv, measured as hexane or its equivalent; or
- ≤10 ppmv at the outlet of the control device, measured as hexane or its equivalent.

MPE = multiphase extraction

PID = photoionization device

ppm = parts per million

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Summary of operations, monitoring, and maintenance activities to be performed in the next month.

- ERRG to continue operation of system and perform monitoring and sampling as follows:
 - Task 1 – perform monthly and as-needed O&M activities for Phase 1 operation with Vapor GAC treatment.
 - Task 1 – perform Vapor GAC changeout if needed.
 - Task 3, Subtask 3B – monthly vapor monitoring for VOCs with PID at vapor treatment system (Vapor GAC) influent, midpoint and effluent and active extraction wells.
 - Task 3, Subtask 3B – as-needed vapor sampling of SSD wells and vapor pins for VOCs using Summa canisters.
 - Task 3, Subtask 3C – quarterly water treatment sampling performed at influent, midpoint, and effluent of liquid GAC vessel trains for BTEX, GRO, FOG, and select CVOCs.
- ERRG to submit the following deliverables:
 - March 2026 Monthly progress update
 - KCIW Self-Monitoring Report on April 20, 2026

Comparison of work completed to scheduled activities.

- Operation, monitoring, and maintenance activities completed as required when system was active.

Potential problems identified and suggested resolutions.

- Limited extraction to maintain adequate vacuum (approximately 15 inHg) and manage influent concentrations to vapor GAC vessels to extend life of carbon.
- Evaluate May 2026 groundwater results to assess transition to Phase 2.

Deliverables submitted during the reporting period.

- February 2026 Monthly Progress Update on March 13, 2026.
- Fourth Quarter 2025/Annual 2025 on March 4, 2026.

EIM field and laboratory analytical results submitted during the reporting period.

- EIM data uploaded: None
- Laboratory results submitted:
 - 2026 first groundwater sampling analytical results



King County

Industrial Waste Quarterly Self-Monitoring Report

Send to: King County Industrial Waste Program
201 S. Jackson Street, Suite 513
Seattle, WA 98104-3855
Phone 206-477-5300 / FAX 206-263-3001
Email: info.KCIW@kingcounty.gov

Company Name: **Jay's Cleaners - Circle K 1461 Treatment System**This form is available at www.kingcounty.gov/industrialwaste.Please specify year: **2026****QUARTER 1**Sample Site No.: **IW1594A**Permit/DA No.: **4614-01**

All units are mg/l unless otherwise noted. Note: Write in self-monitoring parameters, if not provided, e.g. Silver (Ag); delete or ignore FOG or SS, if not required.

Month	Sample Date	Sample Type C (Composite) G (Grab) BC (Batch)	Benzene, Ethylbenzene, Toluene	Total Xylenes	Cis-1,2- dichloroethene, Trans-1,2- dichloroethene	Trichloroethene, Tetrachloroethene, Vinyl chloride	Non-Polar fats, oils & grease (FOG) (Record average only)	Discharge Volume on sample day (gallons)	Total Monthly Flow (gallons)
January	01/13/26	G	ND<1.00 µg/L	ND<3.00 µg/L	ND<1.00 µg/L	ND<1.00 µg/L	ND<5.96		
	Total volume discharged for January								6,545
February									
	Total volume discharged for February								9,545
March									
	Total volume discharged for March								19,825

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested


 Signature of Principal Executive or Authorized Agent

04/20/2026
 Date

—► Maximum daily flow from this quarter: 775 gallons. Date on which maximum daily flow occurred: 03-14-26 to 03-31-26

Due Date: Fourth Quarter Report is due by January 15 of each year.

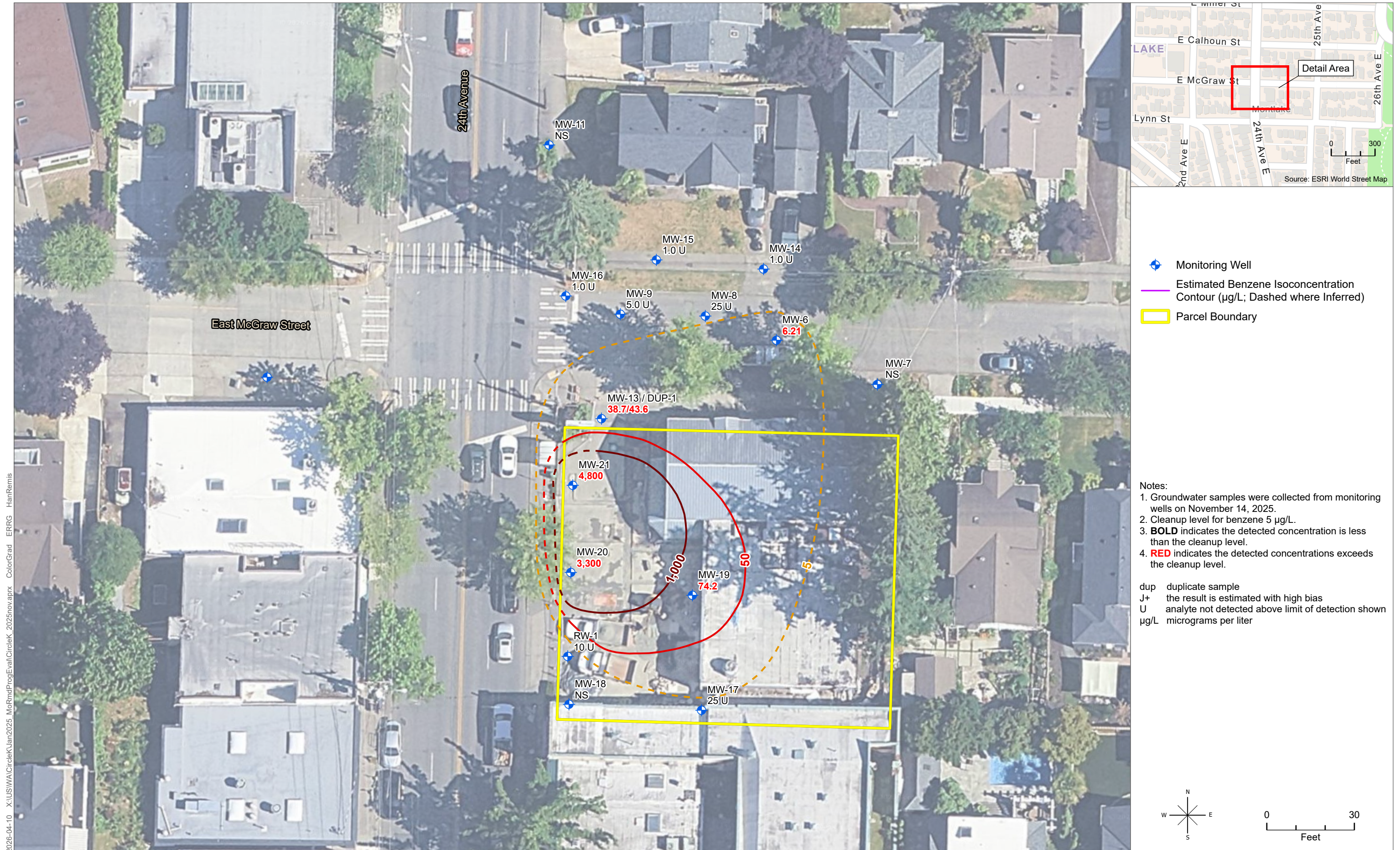


Figure 17. Groundwater Benzene Concentration Contours, November 2025
Fourth Quarter 2025 and Annual 2025 Remedial Progress Evaluation Report for Former Circle K 1461
Seattle, WA

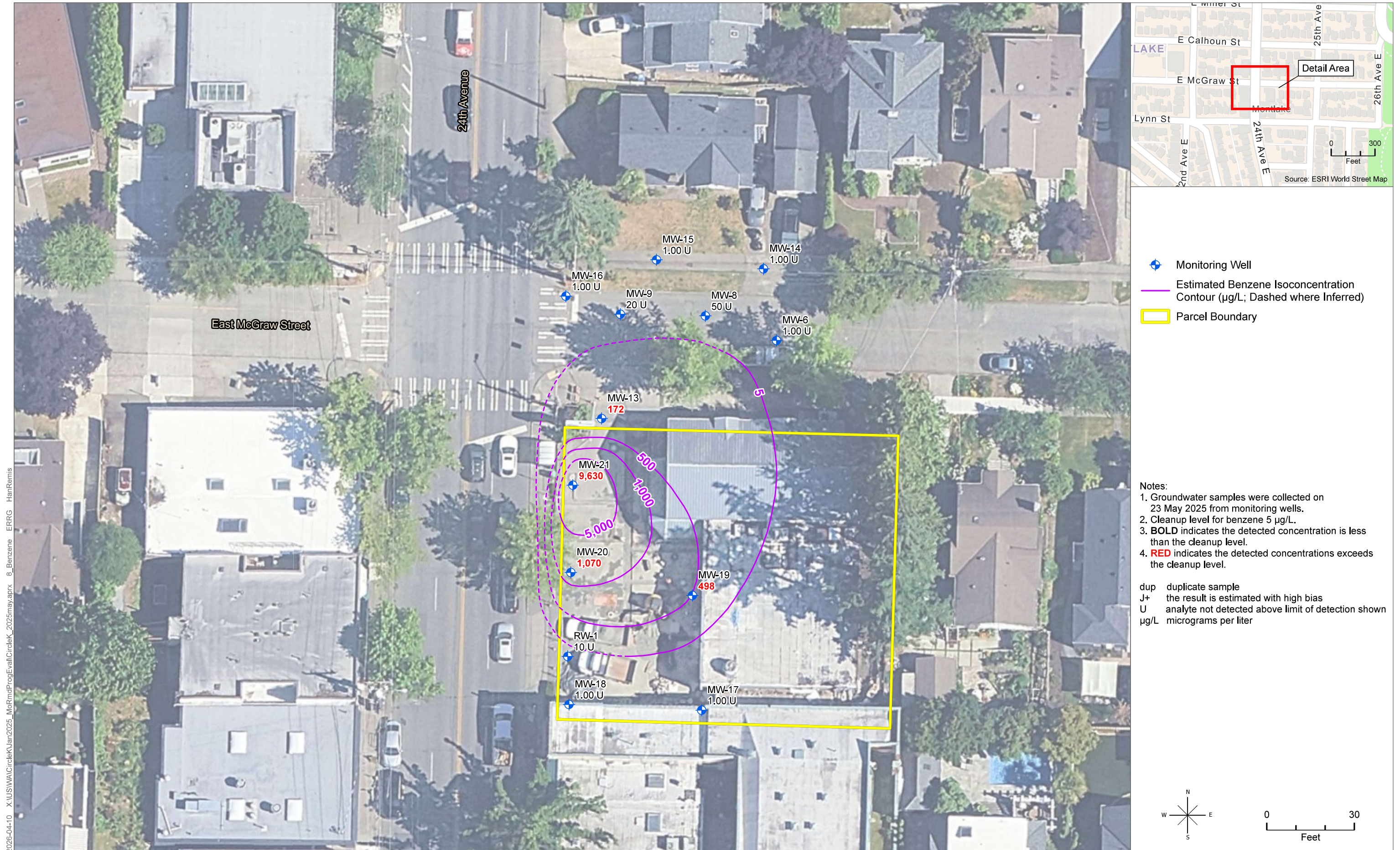


Figure 15. Groundwater Benzene Concentration Contours, May 2025
 Fourth Quarter 2025 and Annual 2025 Remedial Progress Evaluation Report for Former Circle K 1461
 Seattle, WA

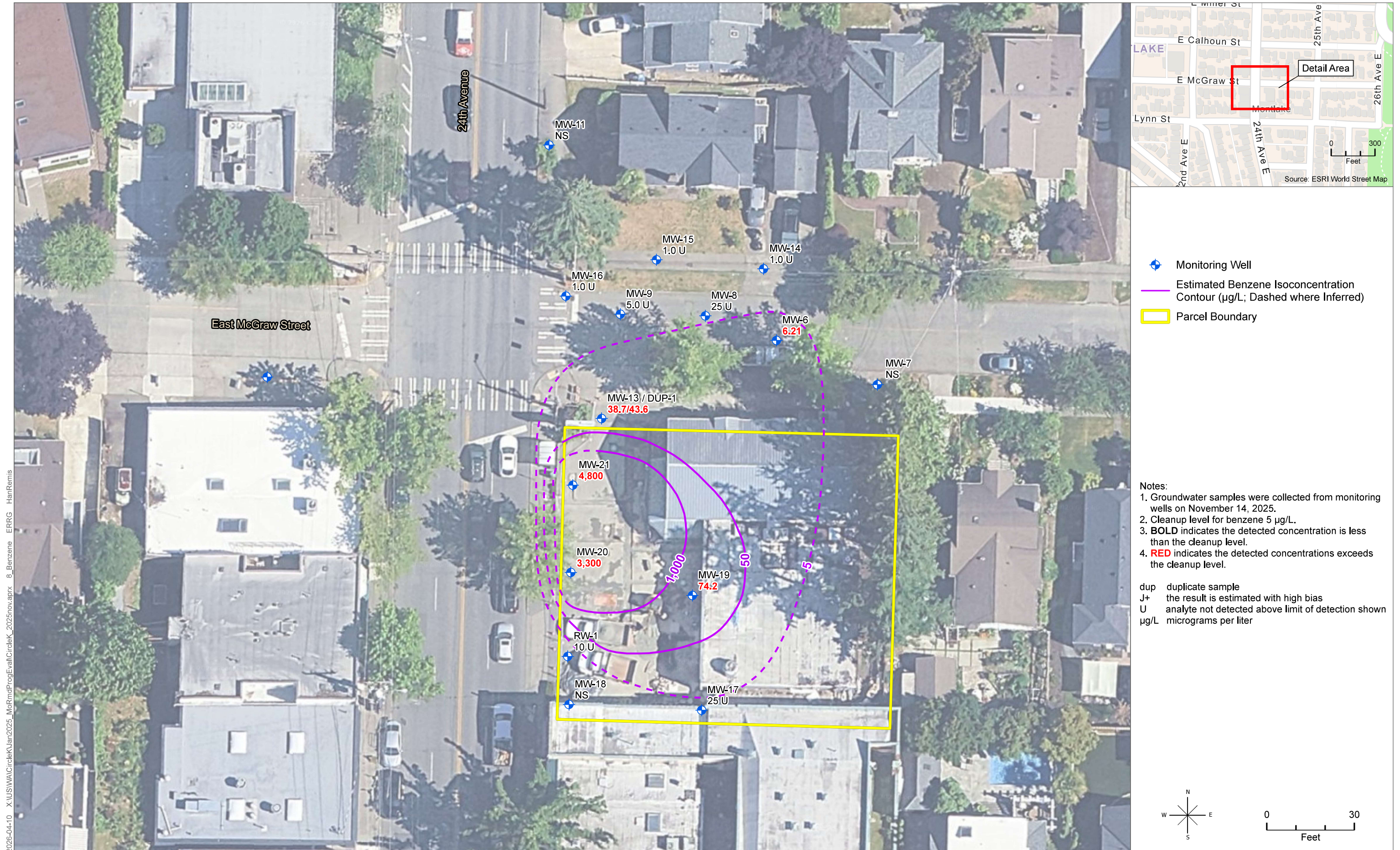


Figure 17. Groundwater Benzene Concentration Contours, November 2025
Fourth Quarter 2025 and Annual 2025 Remedial Progress Evaluation Report for Former Circle K 1461
Seattle, WA

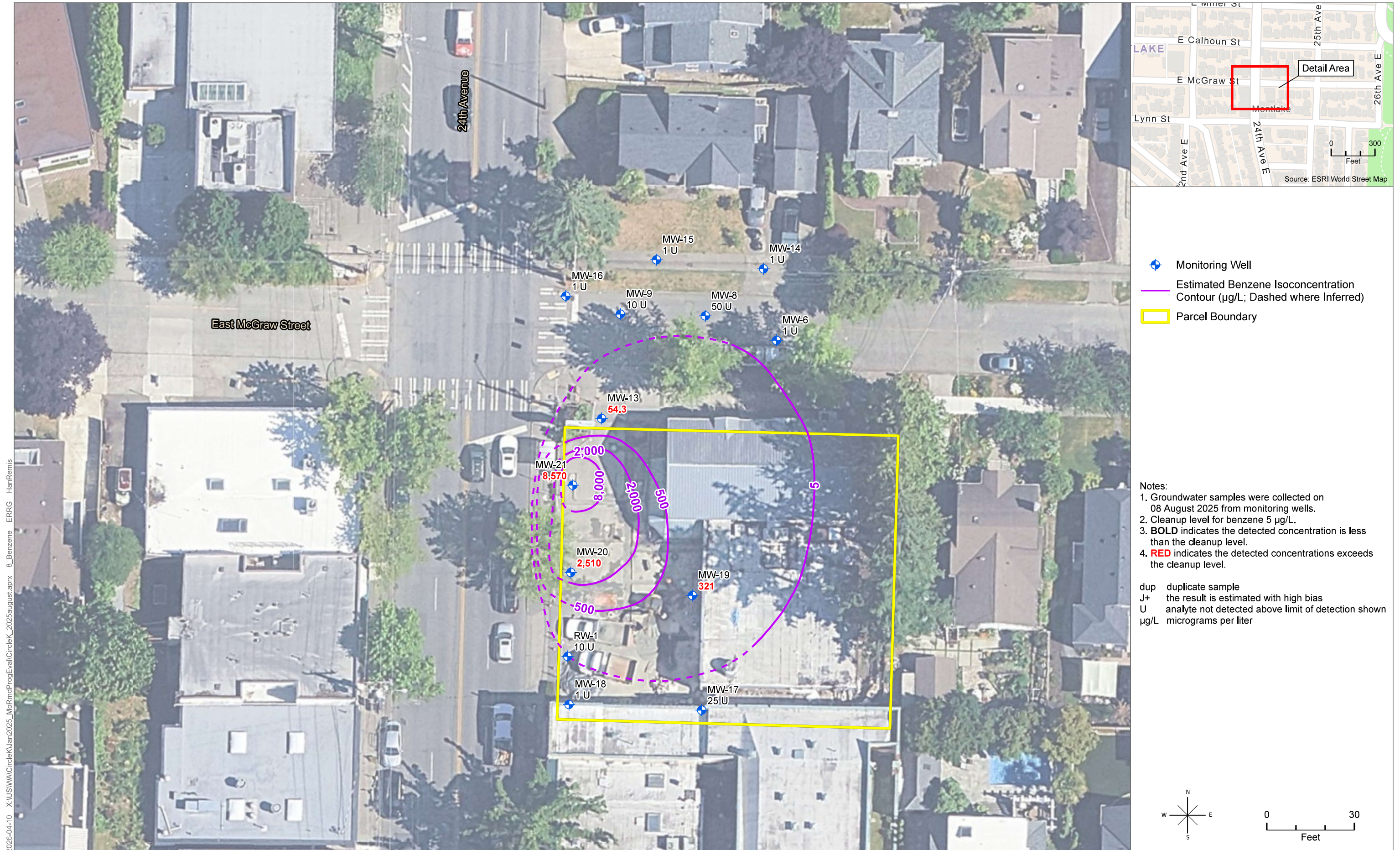


Figure 16. Groundwater Benzene Concentration Contours, August 2025
 Fourth Quarter 2025 and Annual 2025 Remedial Progress Evaluation Report for Former Circle K 1461
 Seattle, WA

Monitoring Well ID No.	Sample Date	Chemicals of Concern				
		GRO by Method NWTPHGX	VOCs by EPA Method 8260D			
			GRO	Benzene	Toluene	Ethylbenzene
Cleanup Level ¹ (µg/L):		800	5	1,000	700	1,000
RW-1	1/17/2025	167 J+	1 U	1 U	1 U	3 U
	2/21/2025	223	1 U	1 U	1 U	3 U
	3/28/2025	128 J+	1 U	1 U	1 U	3 U
	4/25/2025	122 J+	10 U	10 U	10 U	30 U
	5/23/2025	147	10 U	10 U	10 U	30 U
	8/8/2025	100 U	10 U	10 U	10 U	30 U
	11/14/2025	143	10 U	10 U	10 U	30 U
MW-6 ²	1/17/2025	263 J+	46.2	1.67	5.28	3 U
	2/21/2025	109 U	22.7	1 U	1.38	3 U
	3/28/2025	100 U	19.1	1 U	1.22	3 U
	3/28/2025	100 U	10 U	10 U	10 U	30 U
	4/25/2025	100 U	2.28	1 U	1 U	3 U
	4/25/2025	100 U	5.91	1 U	1 U	3 U
	5/23/2025	100 U	1 U	1 U	1 U	3 U
	8/8/2025	100 U	1 U	1 U	1 U	3 U
	11/14/2025	100 U	6.21	1 U	1 U	3 U
MW-8	1/17/2025	18,300	50 U	188	1,270	4,920
	2/21/2025	23,400	50 U	178	1,070	4,060
	2/21/2025	23,500	10 U	1,140	186	4,210
MW-8 (cont.)	3/28/2025	16,200	50 U	72.5	570	2,440
	4/25/2025	19,900 J+	50 UJ	210	1,390	4,880
	5/23/2025	19,100	50 U	143	1,130	3,490
	8/8/2025	8,660 J+	50 U	50 U	546	1,340
	11/14/2025	8,640	25 U	25 U	96.3	1,120
MW-9 ⁴	1/17/2025	3,850	20 U	20 U	156	203
	1/17/2025	5,270	25 U	25 U	198	247
	2/21/2025	9,020	20 U	32.5	351	665
	3/28/2025	5,000	20 U	20.4	271	508
	4/25/2025	8,030 J+	20 U	44.1	530	1,110
	5/23/2025	12,700	20 U	35.1	607	1,450
	8/8/2025	4,810	10 U	10 U	184	288
	8/8/2025	6,160 J-	1 UJ	4.78 J-	198 J-	338 J-
	11/14/2025	1,770	5 U	5 U	55.4	92.9
	1/17/2025	16,100	380	847	712	7,430
	2/21/2025	14,100	352	580	409	5,140

MW-13 ⁵	3/28/2025	8,290	180	138	61.3	1,360
	4/25/2025	8,000	211	1,160	252	3,690
	5/23/2025	9,920	173	973	121	2,840
MW-13 ⁵ (cont.)	8/8/2025	2,720 J+	54.3	2.3	1 U	187
	11/14/2025	1,170 J	38.7	1.39 J	3.01 J	30.2
	11/14/2025	1,710 J	43.6	2.21 J	5.95 J	22.8
MW-14	1/17/2025	100 U	1 U	1 U	1 U	3 U
	2/21/2025	100 U	1 U	1 U	1 U	3 U
	3/28/2025	100 U	1 U	1 U	1 U	3 U
	4/25/2025	100 U	1 U	5.02	1 U	3 U
	5/23/2025	100 U	1 U	21.3	1 U	3 U
	8/8/2025	100 U	1 U	3.79	1 U	3 U
	11/14/2025	100 U	1 U	1 U	1 U	3 U
MW-15 ³	1/17/2025	100 U	1 U	1 U	1 U	3 U
	2/21/2025	100 U	1 U	1 U	1 U	3 U
	3/28/2025	100 U	1 U	1 U	1 U	3 U
	4/25/2025	100 U	1 U	1 U	1 U	3 U
	5/23/2025	100 U	1 U	1 U	1 U	3 U
	5/23/2025	100 U	1 U	1 U	1 U	3 U
	8/8/2025	100 U	1 U	1 U	1 U	3 U
	11/14/2025	100 U	1 U	1 U	1 U	3 U
MW-16	1/17/2025	100 U	1 U	1 U	1 U	3 U
	2/21/2025	112	1 U	1 U	1 U	3 U
	3/28/2025	100 U	1 U	1 U	1 U	3 U
	4/25/2025	100 U	1 U	1 U	1 U	3 U
	5/23/2025	100 U	1 U	1 U	1 U	3 U
	8/8/2025	100 U	1 U	1 U	1 U	3 U
	11/14/2025	100 U	1 U	1 U	1 U	3 U
MW-17	1/17/2025	300 J+	1 U	1 U	1 U	3 U
	2/21/2025	323	1 U	1 U	1 U	3 U
	3/28/2025	276	1 U	1 U	1 U	3 U
	4/25/2025	392 J+	1 U	1 U	1 U	3 U
	5/23/2025	429	1 U	1 U	1 U	3 U
	8/8/2025	566 J+	25 U	25 U	25 U	25 U
	11/14/2025	499	25 U	25 U	25 U	75 U
MW-18	1/17/2025	117 J+	1 U	1 U	1 U	3 U
	2/21/2025	110	1 U	1 U	1 U	3 U
	3/28/2025	100 U	1 U	1 U	1 U	3 U
	4/25/2025	100 U	1 U	1 U	1 U	3 U
MW-18 (cont.)	5/23/2025	100 U	1 U	1 U	1 U	3 U
	8/8/2025	100 U	1 U	1 U	1 U	3 U
	1/17/2025	14,800	402	669	684	4,490
	2/21/2025	17,100	336	933	718	3,820

MW-19	3/28/2025	13,500	122	802	725	3,430
	4/25/2025	38,600 J+	5,670	8,970	1,080	5,780
	5/23/2025	17,400	498	2,220	511	2,670
	8/8/2025	18,500 J+	321	1,640	929	3,650
	11/14/2025	10,600	74.2	725	527	1,990
MW-20	1/17/2025	8,950	861	250 U	712	2,880
	2/21/2025	41,600	7,730	7,970	920	4,940
	3/28/2025	25,400	2,420	3,070	886	4,620
	4/25/2025	12,600	2,240	828	859	4,360
	5/23/2025	17,500	1,070	781	657	3,400
	8/8/2025	21,500 J+	2,510	811	918	5,040
	11/14/2025	27,900	3,300	1,340	1,590	8,110
MW-21	1/17/2025	12,000	3,130	1,780	500 U	2,820
	2/21/2025	69,000	16,400	14,700	970	6,390
	3/28/2025	47,200	9,270	8,460	1,540	7,400
MW-21 (cont.)	4/25/2025	47,000 J+	10,800	9,830	1,450	8,030
	5/23/2025	67,000	9,630	15,200	1,660	10,200
	8/8/2025	43,200 J+	8,570	6,520	1,340	7,090
	11/14/2025	35,300	4,800	4,850	827	6,830