

MONITORING WELL LOG: RW-01 LNAPL Monitoring and Recovery Well

PROJECT NO.: ENV-2026-121

SITE / RELEASE: Former Bulk Fuel Terminal - LNAPL Recovery Program

LOCATION: Kitchener, Ontario

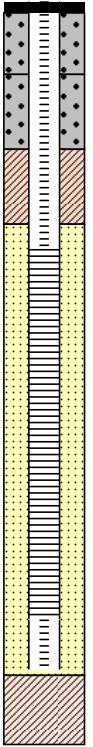
INSTALLATION DATE: 2026-08-27

CLIENT / OWNER: Brownfield Redevelopment Corporation

GROUND ELEVATION: 312.5

INSTALLATION CONTRACTOR: GeoProbe Environmental Services Ltd. DRILLING / INSTALLATION METHOD: Hollow Stem Auger

MONITORING DATE / ROUND: 08/28/2026 / Baseline

Depth (ft)	Graphic Log	Material Description	Monitoring Point Interval	Sample / Event ID	Depth to Water (ft)	Depth to Product (ft)	Apparent Product Thickness (ft)	Product Type / Phase	Recovery Method	Recovered Volume	Product Observations / Status	Recovery Well Construction
0.0		Ground Surface	RW-01 / 10-25 ft screen	RW01-0828	10.6	8.9	1.7	LNAPL / weathered gasoline	Disposable bailer; passive skimmer installed	6.4 L	Amber product; strong petroleum odour; sheen; recovery required	
1.0		ASPHALT CONCRETE; dense, intact, dark grey.}										
2.0		Dark grey										
3.0		None										
4.0		GRANULAR BASE; crushed limestone, dense, grey, dry to moist.}										
5.0		Grey										
6.0		None										
7.0		SAND AND GRAVEL FILL; compact, brown, moist, trace brick fragments; slight petroleum odour below 6 ft.}										
8.0		Brown										
9.0		Slight petroleum										
10.0		SILTY SAND; loose to compact, dark brown, moist to wet; petroleum-impacted with black staining from 8 to 12 ft.}										
11.0		Dark brown										
12.0		Strong petroleum										
13.0												
14.0												
15.0												
16.0		SANDY SILT TILL; dense, grey-brown, moist, with gravel and occasional cobbles.}										
17.0		Grey-brown										
18.0		None										
19.0												
20.0												
21.0												
22.0												
23.0												
24.0												
25.0												
26.0												
27.0												
28.0												
29.0												
30.0												

WELL / SCREEN / SURFACE COMPLETION: 2 in PVC riser; 10-25 ft 0.020 in slot screen; 25-27 ft sump; flush-mount cover set in concrete

REFERENCE DATUM / INTERFACE METHOD: Depths measured from surveyed top of casing with an electronic oil-water interface probe

PRODUCT RECOVERY METHOD / EQUIPMENT: Dedicated disposable bailer used for initial recovery; passive skimmer installed after gauging

FIELD INSTRUMENT / INTERFACE-PROBE CHECK: Interface probe cleaned and function-checked before and after gauging; audible and visual responses passed

RECOVERY TOTAL / PRODUCT DISPOSITION: 6.4 L LNAPL recovered; container labelled RW01-082826 and transferred to approved waste contractor

COMPLETION / FIELD NOTES: Amber weathered gasoline with strong odour and sheen; no DNAPL detected in 2 ft sump; well secured after monitoring