

# HYDROGEOLOGICAL INVESTIGATION REPORT

Proposed Development,  
261 Buena Vista Road,  
Ottawa, Ontario

CO680.02

REPORT

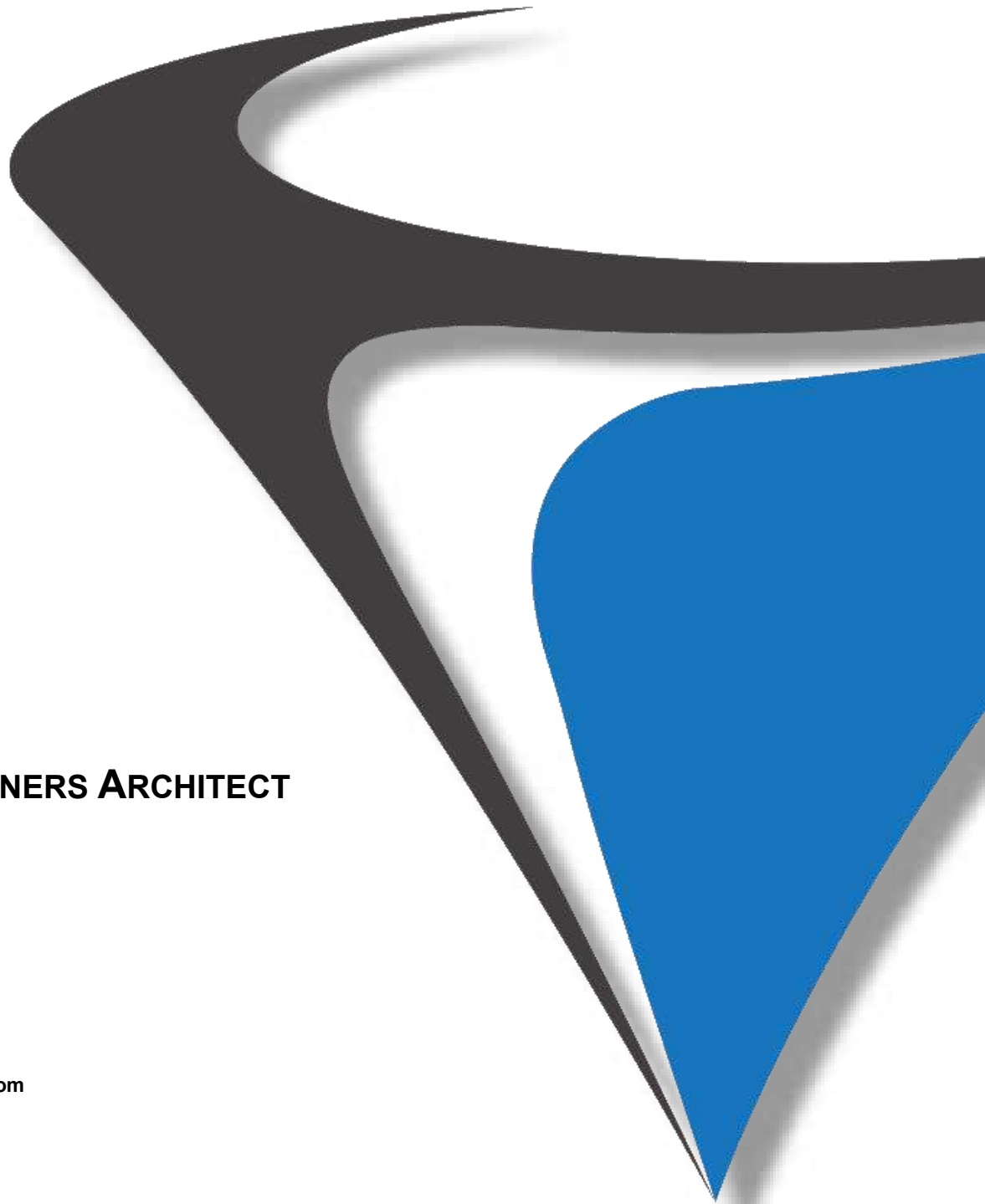
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*Prepared for:*

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## 1.0 BACKGROUND

Terrapex Environmental Ltd. (Terrapex) was retained by Farrow Partners Architect to conduct a hydrogeological investigation for the proposed addition to the existing Elmwood Senior School Building located at 261 Buena Vista Road, Ottawa, Ontario (hereafter referred to as the “Site”). Authorization to proceed with this study was provided by Christopher Blackwell of Farrow Partners Architect (FPA) on behalf of Elmwood School Incorporated.

The purpose of this hydrogeological investigation was to characterize subsurface groundwater conditions and the volume estimate of groundwater requiring control during construction. This assessment is required to support applications for a Private Water Discharge Agreement (PWDA), an Environmental Activity Sector Registry (EASR), and/or a Permit to Take Water (PTTW), as applicable.

This report has been prepared in accordance with the Ontario Water Resources Act, Ontario Regulation 387/04 (“Water Taking Regulation”) issued by the Ministry of the Environment, Conservation and Parks (MECP), and the City of Ottawa Sewer Use Bylaw for Sanitary and Combined Sewers.

This document is intended solely for the guidance of the client and the project’s design architects or engineers. It is assumed that all design work will comply with applicable building codes and standards.

## 2.0 LOCATION AND SETTING

### 2.1 LOCATION AND PROPERTY DIMENSIONS

The Site is located at 261 Buena Vista Road, within the Rockcliffe Park neighbourhood of Ottawa, Ontario. The property is rectangular in shape and has an approximate area of 18,320 m<sup>2</sup>. The municipal address is 261 Buena Vista Road, Ottawa, Ontario, K1M 0V9.

The general location is mapped on **Figure 1**.

### 2.2 PRESENT LAND USE

The Site is currently occupied by Elmwood School, an institutional educational facility. The Site includes a large institutional building (Senior School) located in the south-eastern portion of the property and a smaller institutional building (Junior School) situated in the north-western portion. A residential building (Headmistress's Residence) is also located in the south-eastern portion of the Site. The remainder of the Site consists of grass-covered fields, play structures, a tennis court, and a paved parking lot.

The Site is bounded by the following land uses:

- **South:** Buena Vista Road
- **East:** Springfield Road
- **North:** Hillcrest Road
- **West:** Residential properties

The surrounding area is primarily residential, consistent with the Rockcliffe Park neighbourhood, with institutional land use at the Site.

### 2.3 PROPOSED DEVELOPMENT

It's understood that the proposed project consists of an addition to the existing Elmwood Senior School building, which will be physically connected to the current structure. Based on the information provided by the Client and project consultants, the proposed addition will include a single basement level, along with ground and second floors. It is noted that the north wall of the underground will be 'walk-out' (ie. 'raised ranch style'). It's also understood that the property will be municipally serviced for both sanitary sewers and water supply.

### 2.4 SITE TOPOGRAPHY

Based on available survey data, ground surface elevations across the Site range from approximately 75 metres above sea level (masl) in the western portion of the Site, increase to approximately 78 masl in the central portion, and decrease to approximately 76.3 masl toward

the eastern portion. Overall, the Site exhibits gently varying topography with modest relief, and no major topographic features have been identified.

## 2.5 DRAINAGE

No watercourses, ponds, or other surface water features are located on the Site. The nearest waterbody, the Ottawa River, is located approximately 580 m north of the Site (Google Earth Imagery; accessed 2026).

Surface water drainage from the Site, excluding flows captured by catch basins and the piped municipal storm sewer system, is expected to ultimately discharge toward the Ottawa River River.

## 2.6 REGIONAL GEOLOGY

Available mapping indicates that the site is underlain by glaciomarine deposits composed typically of silt and clay, with minor amounts of sand and gravel (MRD128, 2010). It is noted that overburden in the region is very shallow.

Beneath the overburden, the bedrock is reported to consist of limestone, dolostone, shale, arkose, and sandstone (MRD126, 2011). Bedrock was encountered during this investigation.

## 2.7 REGULATORY CONTEXT

The site is understood to be within the purview of the Rideau Valley Conservation Authority (RVCA) and the Rideau Source Protection Area (SPA).

Available MECP mapping indicates that the Site is not located over a Highly Vulnerable Aquifer.

## 2.8 GROUNDWATER SUPPLY WELLS

A review of the available well records shows that there are 18 reported wells within approximately 500 m of the site. Of the known wells, 2 were reported to be for water supply use (2 domestics). The wells were drilled between November 1970 and October 2015 and no record exists of their decommissioning. The location of the wells on site and located within 500 m of the site are provided on **Figure 2**, and a summary of the MECP Well Records report is provided in **Appendix I**.

It is noted that older wells may no longer be operational, and that historically there was not a requirement to register dug wells with the MECP; as such, they can be under-represented in the water well record database.

### 3.0 DRILLING

Drilling operations were conducted by Terrapex from 9 March to 19 March, 2026, in conjunction with the geotechnical and environmental investigations. A total of fourteen (14) boreholes were advanced across the Site. Of these, five (5) boreholes (MW201, MW202, MW203, MW204, and MW208) were completed as groundwater monitoring wells, while the remaining nine (9) boreholes (BH205, BH206, BH207, and BH209 through BH214) were advanced as geotechnical boreholes. Boreholes were generally advanced to depths sufficient to characterize subsurface conditions and assess groundwater conditions at the Site.

Groundwater monitoring wells were installed in accordance with industry-standard practices and applicable guidelines. Detailed borehole logs and monitoring well construction details are appended to this report.

Standard Penetration Testing (SPT) was performed at regular depth intervals using conventional split-spoon sampling equipment with a nominal internal diameter of 35 mm, and soil samples were collected for visual classification. Subsurface conditions generally consisted of fill materials overlying native soils, which were observed to range from stiff to hard, based on field observations and SPT N-values.

Soil conditions were logged in the field by a qualified technician, and soil descriptions were subsequently reviewed and confirmed by a Professional Geologist at Terrapex's facilities. Drilling services were provided by Profile Drilling Inc

#### 3.1 GROUNDWATER MONITORING WELL CONSTRUCTION

Monitoring wells at five (5) borehole locations: MW201, MW202, MW203, MW204, and MW208 were used for the monitoring program, shown on **Figure 3**. The locations provide broad distribution across the site.

The groundwater monitoring wells were screened from depths of 1.1 mbg to 2.6 mbg (MW201), from 1.0 mbg to 2.0 mbg (MW202), from 1.9 mbg to 4.9 mbg (MW203), from 2.3 mbg to 5.4 mbg (MW204), and from 3.1 mbg to 6.1 mbg (MW208) generally adjacent to zones of shale and limestone bedrock.

A summary of well construction details is presented in **Table 1**, below.

Groundwater monitoring wells are reported to have been constructed using environmental grade, 50 mm diameter, Schedule 40 PVC piping with machine slotted (10 slot) screens at the bottom. Each well was installed under a protective flush-mount casing.

The well locations and elevations were measured using a Trimble DA2 CATALYST global navigation satellite system (GNSS) Receiver.

**TABLE 1: SUMMARY OF GROUNDWATER MONITORING CONDITIONS**

Well ID	Date of Construction	Approximate Location <sup>1</sup> (UTM Zone 17T)		Approximate Ground Surface Elevation <sup>1</sup>	Screened Interval	Soils at Screened Interval	SPT N- Value at Screened Interval
		metres east	metres north	masl	mbg		
MW201	12-Mar-2026	-	-	-	1.1 to 2.6 (-)	Bedrock	-
MW202	13-Mar-2026	446808.64	5033310.29	78.34	1.0 to 2.0 (77.34 to 76.34)	Bedrock	-
MW203	11-Mar-2026	446732.13	5033298.64	75.08	1.9 to 4.9 (73.18 to 70.18)	Silty sand / Bedrock	-
MW204	09-Mar-2026	446859.92	5033361.41	76.34	2.3 to 5.4 (74.04 to 70.94)	Bedrock	-
MW208	10-Mar-2026	446797.23	5033351.81	75.42	3.1 to 6.1 (46.32 to 69.32)	Bedrock	-

*masl = metres above ground*

*mbg = metres below ground*

*<sup>1</sup> locations and elevations measured with Trimble DA2 CATALYST GNSS Receiver*

Monitoring wells, when no longer useful, must eventually be abandoned by a licensed water well contractor. Abandonment must proceed in accordance with Regulation 903 and amendments issued under the Ontario Water Resources Act. The monitoring wells should remain until the time of construction to be available for observing groundwater conditions closer to the time of construction for dewatering planning.

### 3.2 SUBSURFACE MATERIALS AND HYDROSTRATIGRAPHY

The subsurface conditions encountered at each borehole are shown in detail on the borehole records provided in **Appendix II**. Review of the borehole reports indicate that the encountered native soils primarily consist of weathered shale and limestone bedrock. The soil across the Site is overlain by fill materials made up of medium dense to very dense silty sand. Bedrock was encountered in this investigation.

## 4.0 CHARACTERIZATION OF SUBJECT AREA

### 4.1 WATER LEVEL MONITORING

#### 4.1.1 Methodology

Groundwater measurement events were manually measured at each monitoring well location during three monitoring events conducted from 20 March to 15 April 2026. Groundwater levels in the monitoring well network were measured using an electric sounder device with graduated tape.

#### 4.1.2 Results

The recorded water levels for the monitoring events are provided in **Table 2**, below. These water levels reflect the groundwater conditions on the dates they were measured.

**TABLE 2: MEASURED GROUNDWATER LEVELS**

Location ID	Top of Pipe	Screened Interval	Ground Surface Elevation	Groundwater Measurements		
				2026		
				Mar 20	Mar 27	Apr 15
	mag	mbg	masl	mbg (masl)	mbg (masl)	mbg (masl)
MW201 <sup>1</sup>	-0.10	1.1 to 2.6 (-)	-	1.40 (-)	1.53 (-)	0.84 (-)
MW202 <sup>1</sup>	-0.10	1.0 to 2.0 (77.34 to 76.34)	-	1.48 (-)	1.60 (-)	<b>1.17</b> (-)
MW203	0.07	1.9 to 4.9 (73.18 to 70.18)	75.08	2.89 (46.19)	<b>3.26</b> <b>(71.82)</b>	2.05 (73.03)
MW204	0.10	2.3 to 5.4 (74.04 to 70.94)	76.34	NA (snowcover)	2.77 (73.47)	1.98 (74.36)
MW208	0.07	3.1 to 6.1 (46.32 to 69.32)	75.42	NA (snowcover)	2.10 (73.32)	1.32 (74.1)

<sup>1</sup> Interior well was not surveyed, so masl's are estimates  
Elevations measured by Trimble DA2 CATALYST GNSS Receiver  
masl = metres above sea level  
mbg = metres below ground  
mag = metres above ground  
NA = No Access  
Bold numbers indicate high/low values.

As summarized in **Table 2**, *in-situ* measurements of the static groundwater level ranged from approximately 1.17 mbg to 3.26 mbg, water table elevations ranging from 75.47 masl to 71.82 masl.

It should be noted that groundwater levels are subject to seasonal fluctuations. A higher groundwater level condition will likely develop during the spring freshet period or following significant rainfall events.

## 4.2 HYDRAULIC CONDUCTIVITY TESTING

### 4.2.1 Methodology

Hydraulic conductivity is a parameter for quantifying the ability of a soil unit to transmit water. This parameter is necessary for predicting the rate of seepage into excavations to be intercepted or collected by dewatering efforts during construction.

*In-situ* single well response tests (commonly referred to as “slug tests”) were performed on monitoring well locations MW204 and MW208 to assess the hydraulic conductivity of adjacent formations. The tests were carried out by rapidly removing a volume of water from the well and monitoring the subsequent water level recovery to previous conditions. Field measurements were taken initially using a manual instrument and by Solinst brand levelloggers over the test period. The loggers recorded at 1 second intervals.

Test data were analyzed with the Aqtesolv software package using the Bouwer and Rice (1976) unconfined solution method.

### 4.2.2 Results

A summary of the single well response tests is presented below in **Table 3**. Analysis curves from the single well response tests are provided in **Appendix III**.

**TABLE 3: HYDRAULIC CONDUCTIVITY**

Location Identification	Description of Soil Moisture Conditions	Soils at Screened Interval	Screened Interval	SPT N-Value at Screened Interval	Estimated Hydraulic Conductivity
			mbg (masl)		K (m/s)
MW204	Saturated	Bedrock	2.3 to 5.4 (74.04 to 70.94)	-	$1.34 \times 10^{-5}$
MW208	Saturated	Bedrock	3.1 to 6.1 (46.32 to 69.32)	-	$2.08 \times 10^{-5}$

*mbg*– indicates ‘metres below ground.

*masl*– indicates ‘metres above sea level.

As summarized in **Table 3**, hydraulic conductivities ranged from approximately  $2.08 \times 10^{-5}$  m/s to  $1.34 \times 10^{-5}$  m/s in the location tested. These results are consistent with fractured bedrock.

### 4.3 INTERPRETED GROUNDWATER FLOW DIRECTION

Groundwater flow directions were estimated using manual piezometric head measurements recorded on 27 March 2026. As shown on **Figure 4**, groundwater was interpreted to be flowing in a generally northwest direction. This agrees with general site topography.

### 4.4 HYDROCHEMICAL ANALYSES

#### 4.4.1 Methodology

Analytical laboratory investigations were carried out to characterize the hydrochemical conditions of the groundwater at the Site for the purposes of temporary dewatering and long-term foundation drainage operations. One representative non-filtered groundwater sample was collected at location MW204 on 27 March 2026 using low flow draw methods and sent to Bureau Veritas Laboratory (BV) in Mississauga, Ontario under contract with Terrapex. BV is accredited by Standards Council of Canada (SCC) to International Standard ISO/IEC 17025:2005, General Requirement for the Competence of Testing and Calibration Laboratories.

A parallel sample was field filtered with a 10-micron filter and submitted for analysis of TSS, turbidity, and metals for the purposes of estimating a turbidity/TSS filtration coefficient and to ultimately assess whether filtration would be a suitable treatment in the event that the unfiltered sample does not meet the discharge criteria for storm sewer.

#### 4.4.2 Results

Based on the preliminary analytical laboratory findings, the tested parameters for the sample obtained from MW204 complied with the criteria of the City of Ottawa Sewer Use Bylaw for Sanitary and Combined Sewers. Laboratory Reports for the results are provided in **Appendix IV**. **Please note that final laboratory results are pending, and the report will be updated once they are received.**

## 5.0 DEWATERING ASSESSMENT

Groundwater will move toward the construction excavation so it must be controlled to provide dry and safe working conditions. Disposal of accumulated water generated by incident precipitation will occasionally be required as well.

The dewatering calculations are limited to the excavation and information contained in drawings A303, and A600 of the provided draft architectural plans (Architectural Package – Farrow Partners Architect, December 2025).

The planned development may require buried municipal infrastructure, such as piped sanitary sewer, storm sewer and other utilities. The depths of excavation trenches associated with the construction of that infrastructure are presently not determined. Where below the water table, seepage management should be anticipated for installing of this infrastructure under dry and safer working conditions.

### 5.1 BUILDING GEOMETRY AND HYDROGEOLOGY

It is understood that the proposed basement floor of the institutional building will extend to a single subsurface level (A303; Architectural Package – Farrow Partners Architect, December 2025). The proposed basement elevation (FFE) is understood to be 75.78 masl.

As summarized in **Table 2**, *in-situ* measurements of the static groundwater level ranged from approximately 1.17 mbg to 3.26 mbg, water table elevations ranging from 75.47 masl to 71.82 masl. Groundsurfaces for location MW201 and location MW202 were not surveyed. The highest measured water level for MW208 was used (1.32 mbg; 74.1 masl), which is located within the planned excavation area.

While detailed structural drawings were not available at the time of this assessment, the Terrapex Geotechnical report recommends a slab-on-grade foundation system for the proposed development, supported on engineered fill with appropriate sub-slab drainage provisions. A thickness of 0.3 m below the planned FFE was used for the calculations.

Based on a water table of 74.1 masl, and a bottom of excavation of 75.48, it is understood that the bottom of excavation will be approximately 0.38 m above the highest measured water level (measured 15 April 2026). As such, the excavation and foundation works are not expected to extend into the saturated zone. Permanent dewatering is not anticipated, and only limited, short-term groundwater management may be required during construction, if any.

**\* Because of the difference between the measured groundwater table and the planned bottom of foundation is very small, it is recommended that a long-term monitoring study be carried out using automated water level loggers at 30 minute intervals, to identify periods where the groundwater may temporarily fluctuate above the bottom of foundation.**

Groundwater measurements were carried out in March and April, however, foundations should consider short periods of higher groundwater as part of their design.

## 5.2 ESTIMATED CONSTRUCTION DEWATERING VOLUMES

Hydraulic conductivity values derived from soils on site were used to estimate a worst-case scenario for temporary construction dewatering rates for the proposed building. Dewatering estimates were carried out with the understanding that the basement dimensions are approximately 29.25 m x 15.04 m for Excavation (west building) and 14.53 m x 5.22 m for Excavation 2 (east building) on the east portion of the site, based on drawings by Farrow Partners Architects, December 2025.

To estimate the steady state dewatering rate, the modified Jacob's equation was applied, as presented in Powers et. al. (2007), using the groundwater conditions summarized above. Calculations are based on anticipation of response similar to an unconfined hydraulic aquifer.

Based on interpretation of groundwater levels in the vicinity of the proposed construction areas, groundwater elevations beneath both excavation zones are anticipated to remain below the proposed foundation elevations. As a result, calculated groundwater seepage rates to the excavations are negligible, and potential dewatering requirements are expected to be driven primarily by incident precipitation entering the excavation footprints during construction.

TABLE 4 – SUMMARY OF ESTIMATED CONSTRUCTION DEWATERING VOLUMES FOR CONCEPT DEVELOPMENT

Dewatering Concept <sup>2</sup>	Dimensions  (L x W x drawdown)	(A)	(B)	(C)	(D)	(E)	Zone of Influence (ZOI)  (m radius)
		Estimated Dewatering Volume	Incident PPTN <sup>1</sup>	Total Dewatering Volume	Design Dewatering Volume <sup>3</sup> (A x 2) + B	Dewatering Volume without PPTN <sup>4</sup> (A x 2)	
		(L/day)	(L/day)	(L/day)	(L/day)	(L/day)	
<b>Excavation 1 (west building)</b>	29.25 m x 15.04 m x 2.67 m	0	10,998	10,998	10,998	0	-
<b>Excavation 2 (east building)</b>	14.53 m x 5.22 m x 2.67 m	0	1,896	1,896	1,896	0	-
<b>Total</b>		0	12,894	12,894	12,894	0	-

<sup>1</sup> Based on a precipitation event of 25 mm

<sup>2</sup> Based on drawings A303, and A600 (Architectural Package – Farrow Partners Architect, December 2025).

<sup>3</sup> used to determine if EASR is required.

<sup>4</sup> used to determine if PTTW is required.

Incident precipitation volumes were estimated assuming a 25 mm rainfall event over the excavation areas. The resulting estimated construction dewatering volumes, including contributions from groundwater seepage and precipitation, are summarized in **Table 4** above. Detailed calculation worksheets are provided in **Appendix III**.

### 5.3 ESTIMATED CONSTRUCTION DEWATERING ZONE OF INFLUENCE (ZOI)

The radius of influence is the distance range beyond which the drawdown on groundwater caused by dewatering is not expected to be detectable. The dewatering zone of influence was estimated for the excavation area using the groundwater elevations and hydraulic conductivities provided above and using the empirical Sichart and Kyrieleis relationship described in Powers (2007).

Based on the hydraulic conductivity and proposed excavation dimensions with consideration for one basement level, the dewatering operations for the proposed townhomes are estimated to have a Zone of Influence (ZOI) equivalent to a 0-metre radius from the dewatering locations. The estimated ZOI is provided in **Table 4**, above, and as part of the analyses provided in **Appendix III**.

### 5.4 INCIDENT PRECIPITATION

Open excavations will capture incident precipitation. The volume produced by a relatively large storm was estimated using the excavation area and a precipitation event of 25 mm. As summarized in **Table 4**, the combined excavations will collect approximately **12,894** litres per event. Such precipitation events statistically recur four to five times per year. Obviously, larger precipitation events would produce larger amounts to manage, although occurring less frequently. Stormwater runoff from adjacent lands to excavations should be prevented by means of temporary surface grades, berms or ditches to the extent possible.

### 5.5 TOTAL CONSTRUCTION DEWATERING RATE FOR CONCEPT DIMENSIONS

As summarized in **Table 4**, based on the conditions encountered during the hydrogeological field investigations, the excavations are anticipated to require temporary construction dewatering (inclusive of incident precipitation and with a Factor of Safety (FOS) of 2 for groundwater contributions) equivalent to a Design Dewatering Volume of approximately **12,894 L/day**.

As shown in **Table 4**, this is principally due to precipitation periodically entering the mouth of the excavation.

### 5.6 TOTAL PERMANENT DEWATERING RATE FOR CONCEPT DIMENSIONS

It is assumed that incident precipitation will be directed away from the foundation, and that groundwater approaching the walls will be wicked to foundation drainage sump pumps. **No permanent dewatering is anticipated for the proposed development**, as the approximate base-of-foundation elevation of the proposed basement level is above the highest groundwater level observed during the investigation.

It is recommended that the south-facing wall of the foundation is designed as impermeable, and to direct water to the north of the building.

## 5.7 ANTICIPATED PERMITTING NEEDS

As of 1 July 2025, volumetric restrictions for construction dewatering activities have been removed by the Ontario Ministry of Environment, Conservation and Parks (MECP) and only require a self-registration process under the online Environmental Activity and Sector Registry (EASR) regardless of the volume of water taking. Additionally, foundation drainage systems used primarily for residential purposes will be exempt from requiring approval or self-registration for takings of up to 379,000 L/day. A Category 3 Permit to Take Water (PTTW) is still required where permanent dewatering volumes exceed 379,000 L/day.

The volumes summarized in **Table 4** above indicate that a PTTW would be required during construction for the excavations. The temporary construction dewatering rate is anticipated to be less than 50,000 L/day and therefore no permitting would be anticipated during construction for the concept excavation dimensions. It is noted that dewatering operations will need to draw the groundwater to at least one meter below the trench floor (CFEM 2006).

It is noted that any discharge of construction dewatering effluent to municipal sewers will require a Private Water Discharge Agreement with the City of Ottawa, in accordance with municipal requirements.

## 6.0 LOW IMPACT DEVELOPMENT (LID) MEASURES

### 6.1 ACCOMMODATION SPACE

In general principles, precipitation incident to a pervious soil surface may infiltrate downward to move through the unsaturated zone, to then recharge the shallow groundwater aquifer. From there, shallow groundwater moves toward a watercourse to contribute to baseflow or percolates downward to replenish deeper aquifers. Impervious surfaces, such as buildings or paving, prevent infiltration and so precipitation instead becomes runoff that, in urban settings, is typically directed to storm water sewers.

Low impact development (LID) measures promote infiltration by providing space for precipitation to infiltrate downward through the unsaturated zone. LIDs generally require there to be at least one metre of soil above the seasonal high groundwater level or bedrock interface, and should generally reside lower than the understood frost depth (OPSD3090.101 Rev#1 Nov2010). LID infiltration measures should not be located above or within 4 m from the footprint of the basement (Ontario Building Code, 2024).

As summarized in **Table 2**, above, *in-situ* measurements of static groundwater levels ranged from approximately 1.17 m below grade (mbg) to 3.26 mbg. Based on these measurements, the available separation between the seasonal high groundwater level, maximum frost depth, and proposed infiltration depth varies across the Site. In certain areas, limited separation presents challenges for accommodating LID infiltration measures, while other areas may provide sufficient accommodation space.

Bedrock was generally encountered at a depth of less than 1 metres below grade. The thickest encountered overburden thickness was found at location MW203 (overburden thickness =1.2 m).

Overall, based on observed groundwater conditions, soil characteristics, and available accommodation space, conditions at the Site are challenging for the implementation of LID infiltration measures. It is noted that seasonal fluctuations in groundwater levels may further reduce available infiltration accommodation space during wetter periods of the year.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

The following summarizes the information above, obtained during the review of the Site:

- **The subsurface stratigraphy** consists of fill materials comprised of medium dense to very dense silty sand, overlying weathered shale and limestone bedrock. Bedrock was encountered during the investigation.
- *In-situ* measurements of **the static groundwater** level ranged from approximately 1.17 mbg to 3.26 mbg. Groundwater elevations ranged between 74.1 masl and 71.82 masl.
- **Hydraulic conductivities** ranged from approximately  $1.34 \times 10^{-5}$  m/s to  $2.08 \times 10^{-5}$  m/s in the locations tested.
- **Groundwater flow directions** were estimated using manual piezometric head measurements. Groundwater was interpreted to be flowing in a generally northwest direction across the site.
- **Preliminary analytical hydrochemical analyses** indicate that tested groundwater from MW204 comply with the **City of Ottawa Sewer Use Bylaw** criteria for sanitary and combined sewer discharge. **Please note that final laboratory results are pending, and the report will be updated at a later date once the results are received.**
- **Temporary groundwater dewatering** - While detailed structural drawings were not available at the time of this assessment, the Terrapex Geotechnical report recommends a slab-on-grade foundation system. This foundation configuration further supports the conclusion that the proposed excavation and foundation works are not expected to extend into the saturated zone.

**Dewatering infrastructure should be sized and available to handle approximately 12,894 L/day, to accommodate a 25 mm precipitation event, when the excavations are open.**

- **Permanent dewatering** is not anticipated for the proposed development. Based on the proposed foundation elevations and measured groundwater conditions, no permanent groundwater inflow is anticipated.
- The estimated **Zone of Influence (ZOI)** associated with construction dewatering is expected to be limited to the excavation footprint, with no measurable groundwater drawdown anticipated beyond the excavation limits.
- Based on measured groundwater levels, shallow bedrock conditions, and frost considerations, accommodation space for **Low Impact Development (LID)** infiltration measures is challenging across the Site.

## 8.0 CLOSURE

This report has been completed in accordance with the terms of reference for this project as agreed upon by Christopher Blackwell of Farrow Partners Architect (FPA) on behalf Elmwood School Incorporated and Terrapex Environmental Ltd. (Terrapex) and generally accepted hydrogeological consulting practices in this area.

The reported information is believed to provide a reasonable representation of the general hydrogeological conditions at the site; however, studies of this nature have inherent limitations. The data were collected at specific locations and conditions may vary at other locations, or with the passage of time. Where applicable, the assessment of the environmental quality of groundwater was limited to a study of those chemical parameters specifically addressed in this report.

Terrapex has relied in good faith on information and representations obtained from the Client and third parties and, except where specifically identified, has made no attempt to verify such information. Terrapex accepts no responsibility for any deficiency or inaccuracy in this report as a result of any misstatement, omission, misrepresentation, or fraudulent act of those providing information. Terrapex shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time of the study.

This report has been prepared for the sole use of Farrow Partners Architect. Terrapex accepts no liability for claims arising from the use of this report, or from actions taken or decisions made as a result of this report, by parties other than Farrow Partners Architect.

Respectfully submitted,

**TERRAPEX ENVIRONMENTAL LTD.**



Arthur Torres, B.Sc., GIT.  
Hydrogeology Technician




Zen Keizars, P.Geo., FGC.  
Senior Hydrogeologist


## **FIGURES**



**LEGEND**

 **SITE BOUNDARY**

DATA SOURCE: ESRI  
MAP PROJECTION: NAD 1983 UTM Zone 18N

CLIENT: <b>ELMWOOD SCHOOL INCORPORATED</b>		
SITE LOCATION: <b>261 BUENA VISTA ROAD OTTAWA, ONTARIO</b>		
		
TITLE: <b>SITE LOCATION</b>		
DRAWN BY: JS	PROJECT NO.: CO680.02	CHECKED BY: KB
REVISION: 00	DATE: FEBRUARY 2026	<b>FIGURE: 1</b>

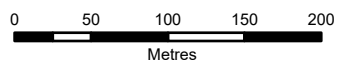
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**LEGEND**

- SITE BOUNDARY
- MECP WATER WELL RECORDS LOCATIONS**
- ⊕ WATER SUPPLY (DOMESTIC)
- OBSERVATION/MONITORING WELL AND/OR TEST HOLE (INCLUDING ABANDONED, OTHER OR UNKNOWN)



DATA SOURCE: CITY OF OTTAWA  
 MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:  
 ELMWOOD SCHOOL INCORPORATED

SITE LOCATION:  
 261 BUENA VISTA ROAD  
 OTTAWA, ONTARIO



TITLE:  
**WATER WELL RECORDS - 500 m**

DRAWN BY: JS/SW	PROJECT NO.: CO680.02	CHECKED BY: ZK
REVISION: 00	DATE: APRIL 2026	FIGURE: <b>2</b>



**LEGEND**

- SITE BOUNDARY
- PROPOSED ADDITION
- BOREHOLE
- MONITORING WELL

0 20 40 60  
Metres

DATA SOURCE: CITY OF OTTAWA  
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:  
ELMWOOD SCHOOL INCORPORATED

SITE LOCATION:  
261 BUENA VISTA ROAD  
OTTAWA, ONTARIO



TITLE:  
**GENERAL SITE LAYOUT**

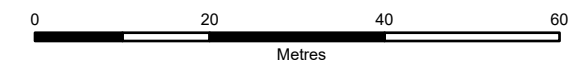
DRAWN BY: JS/SW	PROJECT NO.: CO680.02	CHECKED BY: KB
REVISION: 00	DATE: MARCH 2026	FIGURE: <b>3</b>

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**LEGEND**

- SITE BOUNDARY
- PROPOSED ADDITION
- ◆ BOREHOLE
- ◆ MONITORING WELL
- GROUNDWATER FLOW DIRECTION
- GROUNDWATER CONTOUR
- 74.51 STATIC WATER LEVEL (27 Mar. 2026) (m ASL)



DATA SOURCE: CITY OF OTTAWA  
 MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:  
 ELMWOOD SCHOOL INCORPORATED

SITE LOCATION:  
 261 BUENA VISTA ROAD  
 OTTAWA, ONTARIO



TITLE:  
**INTERPRETED GROUNDWATER FLOW  
 (AS OF MARCH 27, 2026)**

DRAWN BY: JS/SW	PROJECT NO.: CO680.02	CHECKED BY: KB
REVISION: 00	DATE: APRIL 2026	FIGURE: <b>4</b>

**APPENDIX I**  
**MECP WELL RECORD REPORT**

# MECP Water Well Records

## Well Record #

<b>1510945</b>		Lot	Conc	ROCKCLIFFE PARK VILLAGE / OTTAWA-CARLETON				Flowing?	N		
Date	1970-11-19	Elev	(masl)	Easting	446531	Northing	5033202	SWL	6.7	(mbgs)	(masl)
	DD/MM/YYYY		/ Domestic	Water Supply		UTM RC	4	Pumping WL	30.5	(mbgs)	(masl)
		Water Found	21.3 (mbgs)	(masl)	FRESH			Pump Rate	27.3	(LPM)	4 / 0
Casing Diameter	6 inch	Casing Material:	STEEL	Depth (m)		Elev (masl)		Spec. Cap.	1.15	(LPM/m)	Hour / Minute
Top of Screen	(mbgs)	Bottom of Screen	(mbgs)	0.0			Color			Soil Descriptions	
Screen Interval	(m)	Contractor									
				1.2			BROWN	MEDIUM SAND /		TOPSOIL	/ BOULDERS
				36.6			BLUE	LIMESTONE /			/
				44.5			BLACK	LIMESTONE /		SANDSTONE	/

<b>1536803</b>		Lot	016	Conc	ROCKCLIFFE PARK VILLAGE / OTTAWA-CARLETON				Flowing?			
Date	2006-10-06	Elev	(masl)	Easting	446693	Northing	5033672	SWL	34.8	(mbgs)	(masl)	
	DD/MM/YYYY		/	Observation Wells		UTM RC	3	Pumping WL	58.1	(mbgs)	(masl)	
		Water Found	106.7 (mbgs)	(masl)				Pump Rate	34.1	(LPM)	4 / 0	
Casing Diameter	22 cm	Casing Material:		Depth (m)		Elev (masl)		Spec. Cap.	1.46	(LPM/m)	Hour / Minute	
Top of Screen	(mbgs)	Bottom of Screen	(mbgs)	0.0			Color			Soil Descriptions		
Screen Interval	(m)	Contractor										
				0.9			BROWN	TOPSOIL /		STONES	/	
				4.3			GREY	SHALE /			/	
				121.9			GREY	LIMESTONE /			/	

<b>7106125</b>		Lot		Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?			
Date	2007-12-20	Elev	(masl)	Easting	446569	Northing	5032894	SWL		(mbgs)	(masl)	
	DD/MM/YYYY		/ Monitoring	Observation Wells		UTM RC	3	Pumping WL		(mbgs)	(masl)	
		Water Found	(mbgs)	(masl)				Pump Rate		(LPM)	/	
Casing Diameter		Casing Material:		Depth (m)		Elev (masl)		Spec. Cap.		(LPM/m)	Hour / Minute	
Top of Screen	(mbgs)	Bottom of Screen	(mbgs)	0.0			Color			Soil Descriptions		
Screen Interval	(m)	Contractor	GEORGE DOWNING ESTATE DRIL									
				0.1			BLACK		/		/	
				0.3			GREY	SAND /		SILTY	/ GRAVEL	
				1.4			BROWN	SAND /		SILTY	/ ROCK	
				7.5			GREY	LIMESTONE /			/	

<b>7106126</b>		Lot		Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?			
Date	2008-01-21	Elev	(masl)	Easting	446388	Northing	5033163	SWL		(mbgs)	(masl)	
	DD/MM/YYYY		/ Monitoring	Observation Wells		UTM RC	3	Pumping WL		(mbgs)	(masl)	
		Water Found	(mbgs)	(masl)				Pump Rate		(LPM)	/	
Casing Diameter		Casing Material:		Depth (m)		Elev (masl)		Spec. Cap.		(LPM/m)	Hour / Minute	
Top of Screen	(mbgs)	Bottom of Screen	(mbgs)	0.0			Color			Soil Descriptions		
Screen Interval	(m)	Contractor	GEORGE DOWNING ESTATE DRIL									
				0.1					/		/	
				0.3			GREY	SAND /		SILTY	/ GRAVEL	
				3.0			BROWN	SAND /		SILTY	/ ROCK	
				4.5			BROWN	GRAVEL /		SANDY	/	

Well Record #

<b>7135254</b>		Lot 001	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON				Flowing?			
Date	2009-10-22	Elev	(masl)	Easting	446891	Northing	5033531	SWL	(mbgs)	(masl)	
	DD/MM/YYYY	/		Test Hole	UTM RC 4 margin of error : 30 m - 100 m				Pumping WL	(mbgs)	(masl)
Water Found		(mbgs)		(masl)				Pump Rate	(LPM)	/	
Casing Diameter	4	cm	<b>Casing Material:</b>	PLASTIC	Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hour / Minute	
Top of Screen	5.9	(mbgs)	Bottom of Screen	9.0 (mbgs)	0.0		Color		Soil Descriptions		
Screen Interval	3.1	(m)	<b>Contractor</b>	OGS INCORPORATED							
					1.5		BROWN	SAND /	SILTY	/	
					2.5			GRAVEL /	BOULDERS	/	
					2.8			SHALE /	ROCK	/	
					9.0			LIMESTONE /	ROCK	/	

<b>7219179</b>		Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON				Flowing?			
Date	2013-07-22	Elev	(masl)	Easting	446965	Northing	5033193	SWL	(mbgs)	(masl)	
	DD/MM/YYYY	/		Test Hole	UTM RC 4 margin of error : 30 m - 100 m				Pumping WL	(mbgs)	(masl)
Water Found		(mbgs)		(masl)				Pump Rate	(LPM)	/	
Casing Diameter			<b>Casing Material:</b>		Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hour / Minute	
Top of Screen		(mbgs)	Bottom of Screen	(mbgs)	0.0		Color		Soil Descriptions		
Screen Interval		(m)	<b>Contractor</b>	OGS INCORPORATED							

<b>7246041</b>		Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON				Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447141	Northing	5033773	SWL	(mbgs)	(masl)	
	DD/MM/YYYY	/	Monitoring and Te	Abandoned-Other	UTM RC 4 margin of error : 30 m - 100 m				Pumping WL	(mbgs)	(masl)
Water Found		(mbgs)	(masl)					Pump Rate	(LPM)	/	
Casing Diameter	5	cm	<b>Casing Material:</b>	PLASTIC	Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hour / Minute	
Top of Screen		(mbgs)	Bottom of Screen	(mbgs)	0.0		Color		Soil Descriptions		
Screen Interval		(m)	<b>Contractor</b>	1793746 ONTARIO INC O/A STRAT							

<b>7246042</b>		Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON				Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447200	Northing	5033772	SWL	(mbgs)	(masl)	
	DD/MM/YYYY	/	Monitoring and Te	Abandoned-Other	UTM RC 4 margin of error : 30 m - 100 m				Pumping WL	(mbgs)	(masl)
Water Found		(mbgs)	(masl)					Pump Rate	(LPM)	/	
Casing Diameter	4	cm	<b>Casing Material:</b>	PLASTIC	Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hour / Minute	
Top of Screen		(mbgs)	Bottom of Screen	(mbgs)	0.0		Color		Soil Descriptions		
Screen Interval		(m)	<b>Contractor</b>	1793746 ONTARIO INC O/A STRAT							

<b>7246043</b>		Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON				Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447196	Northing	5033792	SWL	(mbgs)	(masl)	
	DD/MM/YYYY	/	Monitoring and Te	Abandoned-Other	UTM RC 4 margin of error : 30 m - 100 m				Pumping WL	(mbgs)	(masl)
Water Found		(mbgs)	(masl)					Pump Rate	(LPM)	/	
Casing Diameter	4	cm	<b>Casing Material:</b>	PLASTIC	Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hour / Minute	
Top of Screen		(mbgs)	Bottom of Screen	(mbgs)	0.0		Color		Soil Descriptions		
Screen Interval		(m)	<b>Contractor</b>	1793746 ONTARIO INC O/A STRAT							

Well Record #

<b>7246044</b>											
Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON						Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447173	Northing	5033778	SWL	(mbgs)	(masl)	
	DD/MM/YYYY							Pumping WL	(mbgs)	(masl)	
		/ Monitoring and Te		Abandoned-Other		<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>			
		Water Found	(mbgs)		(masl)			Pump Rate	(LPM)	/	
								Spec. Cap.	(LPM/m)	Hour / Minute	
Casing Diameter	5 cm	<b>Casing Material:</b>		PLASTIC	Depth (m)	Elev (masl)					
					0.0		Color			Soil Descriptions	
Top of Screen	(mbgs)	Bottom of Screen		(mbgs)							
Screen Interval	(m)	<b>Contractor</b> 1793746 ONTARIO INC O/A STRAT									

<b>7246045</b>											
Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON						Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447157	Northing	5033766	SWL	(mbgs)	(masl)	
	DD/MM/YYYY							Pumping WL	(mbgs)	(masl)	
		/ Monitoring and Te		Abandoned-Other		<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>			
		Water Found	(mbgs)		(masl)			Pump Rate	(LPM)	/	
								Spec. Cap.	(LPM/m)	Hour / Minute	
Casing Diameter	4 cm	<b>Casing Material:</b>		PLASTIC	Depth (m)	Elev (masl)					
					0.0		Color			Soil Descriptions	
Top of Screen	(mbgs)	Bottom of Screen		(mbgs)							
Screen Interval	(m)	<b>Contractor</b> 1793746 ONTARIO INC O/A STRAT									

<b>7246046</b>											
Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON						Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447194	Northing	5033766	SWL	(mbgs)	(masl)	
	DD/MM/YYYY							Pumping WL	(mbgs)	(masl)	
		/ Monitoring and Te		Abandoned-Other		<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>			
		Water Found	(mbgs)		(masl)			Pump Rate	(LPM)	/	
								Spec. Cap.	(LPM/m)	Hour / Minute	
Casing Diameter	4 cm	<b>Casing Material:</b>		PLASTIC	Depth (m)	Elev (masl)					
					0.0		Color			Soil Descriptions	
Top of Screen	(mbgs)	Bottom of Screen		(mbgs)							
Screen Interval	(m)	<b>Contractor</b> 1793746 ONTARIO INC O/A STRAT									

<b>7246047</b>											
Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON						Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447118	Northing	5033768	SWL	(mbgs)	(masl)	
	DD/MM/YYYY							Pumping WL	(mbgs)	(masl)	
		/ Monitoring and Te		Abandoned-Other		<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>			
		Water Found	(mbgs)		(masl)			Pump Rate	(LPM)	/	
								Spec. Cap.	(LPM/m)	Hour / Minute	
Casing Diameter	5 cm	<b>Casing Material:</b>		PLASTIC	Depth (m)	Elev (masl)					
					0.0		Color			Soil Descriptions	
Top of Screen	(mbgs)	Bottom of Screen		(mbgs)							
Screen Interval	(m)	<b>Contractor</b> 1793746 ONTARIO INC O/A STRAT									

<b>7246048</b>											
Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON						Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447124	Northing	5033784	SWL	(mbgs)	(masl)	
	DD/MM/YYYY							Pumping WL	(mbgs)	(masl)	
		/ Monitoring and Te		Abandoned-Other		<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>			
		Water Found	(mbgs)		(masl)			Pump Rate	(LPM)	/	
								Spec. Cap.	(LPM/m)	Hour / Minute	
Casing Diameter	5 cm	<b>Casing Material:</b>		PLASTIC	Depth (m)	Elev (masl)					
					0.0		Color			Soil Descriptions	
Top of Screen	(mbgs)	Bottom of Screen		(mbgs)							
Screen Interval	(m)	<b>Contractor</b> 1793746 ONTARIO INC O/A STRAT									

Well Record #


<b>7246049</b>		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447168	Northing	5033787	SWL	(mbgs)	(masl)	
	DD/MM/YYYY		/ Monitoring and Te	Abandoned-Other		<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>	Pumping WL	(mbgs)	(masl)
		Water Found	(mbgs)	(masl)				Pump Rate	(LPM)	/	
		Casing Diameter	4 cm	<b>Casing Material:</b>	PLASTIC	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hour / Minute	
		Top of Screen	(mbgs)	Bottom of Screen	(mbgs)	0.0		Color		Soil Descriptions	
		Screen Interval	(m)	<b>Contractor</b>	1793746 ONTARIO INC O/A STRAT						


<b>7246050</b>		Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON				Flowing?			
Date	2015-06-29	Elev	(masl)	Easting	447161	Northing	5033802	SWL	(mbgs)	(masl)	
	DD/MM/YYYY		/ Monitoring and Te	Abandoned-Other		<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>	Pumping WL	(mbgs)	(masl)
		Water Found	(mbgs)	(masl)				Pump Rate	(LPM)	/	
		Casing Diameter	5 cm	<b>Casing Material:</b>	PLASTIC	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hour / Minute	
		Top of Screen	(mbgs)	Bottom of Screen	(mbgs)	0.0		Color		Soil Descriptions	
		Screen Interval	(m)	<b>Contractor</b>	1793746 ONTARIO INC O/A STRAT						

<b>7255456</b>		Lot	Conc	GLOUCESTER TOWNSHIP / OTTAWA-CARLETON				Flowing?				
Date	2015-10-27	Elev	(masl)	Easting	446278	Northing	5033546	SWL	26.7	(mbgs)	(masl)	
	DD/MM/YYYY		/ Domestic	Water Supply		<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>	Pumping WL	29.6	(mbgs)	(masl)
		Water Found	87.5 (mbgs)	(masl)	Untested			Pump Rate	90.9	(LPM)	1 / 0	
		Casing Diameter	6 inch	<b>Casing Material:</b>	STEEL	Depth (m)	Elev (masl)	Spec. Cap.	31.68	(LPM/m)	Hour / Minute	
		Top of Screen	(mbgs)	Bottom of Screen	(mbgs)	0.0		Color		Soil Descriptions		
		Screen Interval	(m)	<b>Contractor</b>								
						1.2			CLAY /	SANDY	/	
						87.5		GREY	LIMESTONE /		/	
						94.5		GREY	LIMESTONE /		/	
						97.5		GREY	LIMESTONE /		/	

<b>7421832</b>		Lot	Conc	ROCKCLIFFE PARK VILLAGE / OTTAWA-CARLETON				Flowing?			
Date	2022-04-11	Elev	(masl)	Easting	446700	Northing	5033433	SWL	(mbgs)	(masl)	
	DD/MM/YYYY		/			<b>UTM RC</b>	<b>4</b>	<b>margin of error : 30 m - 100 m</b>	Pumping WL	(mbgs)	(masl)
		Water Found	(mbgs)	(masl)				Pump Rate	(LPM)	/	
		Casing Diameter		<b>Casing Material:</b>		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hour / Minute	
		Top of Screen	(mbgs)	Bottom of Screen	(mbgs)	0.0		Color		Soil Descriptions	
		Screen Interval	(m)	<b>Contractor</b>	AIR ROCK DRILLING Company LIM1						

**APPENDIX II**  
**BOREHOLE REPORT RECORDS**

CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				<b>RECORD OF:</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:				<b>MW201</b>											
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m):		EASTING (m):		ELEV. (m)											
CONTRACTOR: STRATA DRILLING INC.				METHOD: ROCK CORING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): 3		SCREEN SLOT #: 10		SAND TYPE: #2		SEALANT TYPE: BENTONITE											
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB																			
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSV/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL	20							
		brown SHALE BEDROCK very fractured	0																
			0.5																
			1										1	25					TCR = 22.5% RQD = 0
			1.5										2	60					TCR = 57% RQD = 44%
		brown/grey LIMESTONE BEDROCK	2										3	80					TCR = 8% RQD = 45%
			2.5										4	100					TCR = 100% RQD = 27%
		END OF BOREHOLE																	
												LOGGED BY: GDJ				DRILLING DATE: 12-MAR-2026			
												INPUT BY: SAF				MONITORING DATE:			
												REVIEWED BY:				PAGE 1 OF 1			

CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				<b>RECORD OF:</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:				<b>MW202</b>											
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033310.29		EASTING (m): 446808.64		ELEV. (m) 76.64											
CONTRACTOR: STRATA DRILLING INC.				METHOD: ROCK CORING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): 3		SCREEN SLOT #: 10		SAND TYPE: #2		SEALANT TYPE: BENTONITE											
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB																			
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa) ●				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSV/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL	20							
		CONCRETE	0	76.5															
		brown SHALE BEDROCK	0.5	76								1	95					TCR = 93.3% RQD = 71.1%	
		grey LIMESTONE BEDROCK	1	75.5															
		brown SHALE BEDROCK fractured	1.5	75								2	90					TCR = 88.5% RQD = 23.1%	
		END OF BOREHOLE	2																
												LOGGED BY: GDJ				DRILLING DATE: 13-MAR-2026			
												INPUT BY: SAF				MONITORING DATE:			
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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>MW203</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:															
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033298.64		EASTING (m): 446732.13		ELEV. (m) 75.08											
CONTRACTOR: STRATA DRILLING INC.				METHOD: DIRECT PUSH/ROCK CORING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): 3		SCREEN SLOT #: 10		SAND TYPE: #2		SEALANT TYPE: BENTONITE											
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB																			
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSW/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL	20							
					N-VALUE (Blows/300mm) ▲														
		FILL	0	75															
		dry, brown SAND	0.5	74.5									1	70	<5	M&I			
		moist, brown SILTY SAND	1	74									2	100	<5	PAHs, BTEX, PHCs			
		dark grey SHALE BEDROCK fractured	1.5	73.5									1	95				TCR = 67.1% RQD = 18.9%	
		grey LIMESTONE BEDROCK	2.5	72.5															
			3	72															
			3.5	71.5									2	90				TCR = 80.3% RQD = 58.6%	
			4	71															
			4.5	70.5									3					TCR = 87.9% RQD = 76.6%	
		END OF BOREHOLE																	



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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>MW204</b>												
ADDRESS: 261 BUENA VISTA ROAD				STATION:																
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033361.41		EASTING (m): 446859.92		ELEV. (m) 76.34												
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING/ROCK CORING																
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): 3		SCREEN SLOT #: 10		SAND TYPE: #2		SEALANT TYPE: BENTONITE												
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input checked="" type="checkbox"/> GRAB																				
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)			SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSV/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS		
					40	80	120	160	PL	W.C.	LL									
					N-VALUE (Blows/300mm)															
					20	40	60	80	20	40	60	80								
		TOPSOIL (50 mm)	0	76																
		FILL moist, brown silty sand and gravel some organics	0.5	76																
		medium dense, moist, brown SILTY SAND trace clay, gravel, rootlets	1	75.5	41															
		SHALE/LIMESTONE BEDROCK weathered	1.5	75																
			2	74.5																
			2.5	74													TCR = 100% RQD = 47%			
			3	73.5													TCR = 100% RQD = 0			
			3.5	73													TCR = 100% RQD = 55%			
			4	72.5													TCR = 100% RQD = 85.9%			
			4.5	72													TCR = 100% RQD = 41.7%			
			5	71.5													TCR = 100% RQD = 14%			
			5.5	71																
			6	70.5																
		END OF BOREHOLE																		



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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>BH205</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:															
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033360.24		EASTING (m): 446841.92		ELEV. (m) 76.29											
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE											
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input checked="" type="checkbox"/> GRAB																			
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSV/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL								
					N-VALUE (Blows/300mm)														
					20	40	60	80	20	40	60	80							
		TOPSOIL (50 mm)	0																
		FILL																	
		very dense, moist, brown silty sand and gravel trace rootlets	0.5	76					78				1A						
		FILL																	
		medium dense, moist, brown silty sand pieces of vaneer brick	1	75.5	13				4.1	18.9			1B	75					M&I, PAHs, BTEX, PHCs
		FILL																	
		moist, brown silty clay trace sand, gravel	1.5	75					13.2				2A	75					
									20.5				2B						
									9.6				3						
		END OF BOREHOLE REFUSAL TO ADVANCEMENT ON PRESUMED BEDROCK CONFIRMED WITH AUGER		74.5	50														



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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>BH206</b>										
ADDRESS: 261 BUENA VISTA ROAD				STATION:														
CITY/PROVINCE: OTTAWA, ONTARIO			NORTHING (m): 5033361.41		EASTING (m): 446824.79		ELEV. (m) 76.17											
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING/ROCK CORING														
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE										
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB																		
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)			SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSW/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL							
					N-VALUE (Blows/300mm)													
					20	40	60	80	20	40	60	80						
		TOPSOIL (40 mm) FILL medium dense, moist, brown/grey silty sand and gravel trace organics	0 0.5	76 75.5	29				8.2				1	65				
		rock fragments moist, brown SAND AND GRAVEL (Possible Native)	1 1.5	75 74.5	17				5.5				2	20				
		SHALE/LIMESTONE BEDROCK	2	74					14.2				3	30				
		SHALE/LIMESTONE BEDROCK weathered	2.5 3 3.5	73.5 73 72.5									1	100				TCR = 100% RQD = 13.8%
			4 4.5	72 71.5									2	100				TCR = 100% RQD = 78%
			5 5.5	71 70.5									3	100				TCR = 95.7% RQD = 72.2%
		END OF BOREHOLE	6	70														



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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>BH207</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:															
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033352.98		EASTING (m): 446811.59		ELEV. (m) 76.24											
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE											
SAMPLE TYPE		AUGER		DRIVEN		CORING		DYNAMIC CONE		SHELBY		SPLIT SPOON		GRAB					
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSW/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL								
					N-VALUE (Blows/300mm)														
					20	40	60	80	20	40	60	80							
		TOPSOIL (50 mm)	0	76					15.0				1		85		M&I, PAHs, BTEX, PHCs		
		FILL dense, moist silty sand and gravel trace asphalt	0.5	75.5															
		FILL moist, grey silty sand and gravel trace clay	1	75					14.9				2		90				
		moist, brown CLAYEY SAND trace gravel (Possible Native)	1.5	74.5					11.4				3		70				
		very dense, moist, dark grey SILTY SAND AND GRAVEL trace clay	2.5	74					10.8				4		80				
		END OF BOREHOLE REFUSAL TO ADVANCEMENT ON PRESUMED BEDROCK CONFIRMED WITH AUGER		73.5															



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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>MW208</b>										
ADDRESS: 261 BUENA VISTA ROAD				STATION:														
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033351.81		EASTING (m): 446797.23		ELEV. (m) 75.42										
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING/ROCK CORING														
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): 3		SCREEN SLOT #: 10		SAND TYPE: #2		SEALANT TYPE: BENTONITE										
SAMPLE TYPE		AUGER		DRIVEN		CORING		DYNAMIC CONE		SHELBY		SPLIT SPOON		GRAB				
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)			SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSV/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	N-VALUE (Blows/300mm)	PL	W.C.							
		TOPSOIL (30 mm)	0	75.42														
		FILL wet, brown sand and gravel some organics, rootlets	0.5	74.92	46				24.6			1	65	-	M&I, PAHs, BTEX, PHCs			
			1	74.42	43				10.0			2	100	-				
		FILL hard, dark grey silty clay some gravel, rock fragments	1.5	74.42														
			2	73.5	35				11.5			3	25	-				
		SHALE/LIMESTONE BEDROCK weathered	2.5	73					6.6			4						
			3	72.5								1	100				TCR = 100% RQD = 62.6%	
			3.5	72														
			4	71.5														
			4.5	71								2	100				TCR = 100% RQD = 44%	
			5	70.5														
		SHALE/LIMESTONE BEDROCK	5.5	70														
			6	69.5								3	100				TCR = 100% RQD = 57.2%	
		END OF BOREHOLE																



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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				<b>RECORD OF:</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:				<b>BH209</b>											
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033336.44		EASTING (m): 446798.32		ELEV. (m) 77.20											
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE											
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB																			
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSV/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL	20							
		ASPHALT (40 mm) FILL medium dense, moist, brown silty sand trace gravel, asphalt	0 0.5	77 76.5	18				25.4				1		60				
		END OF BOREHOLE AUGER REFUSAL AT PRESUMED BEDROCK																	
												LOGGED BY: HM			DRILLING DATE: 10-MAR-2026				
												INPUT BY: SAF			MONITORING DATE:				
												REVIEWED BY:			PAGE 1 OF 1				

CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				<b>RECORD OF: BH210</b>										
ADDRESS: 261 BUENA VISTA ROAD				STATION:														
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033323.67		EASTING (m): 446801.41		ELEV. (m) 77.56										
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING														
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE										
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB																		
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)			SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSV/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL							
		ASPHALT (40 mm)	0	77.5														
		FILL																
		medium dense, moist, dark grey silty sand	0.5	77	19							1		90				
		some gravel, trace clay, pieces of asphalt																
		moist, brown SANDY SILT	1	76.5								2A		90				
		trace gravel (Possible Native)										2B						
		moist, brown SILT																
		trace gravel, sand																
		END OF BOREHOLE AUGER REFUSAL AT PRESUMED BEDROCK																
												LOGGED BY: HM		DRILLING DATE: 10-MAR-2026				
												INPUT BY: SAF		MONITORING DATE:				
												REVIEWED BY:		PAGE 1 OF 1				

CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>BH211</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:															
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 446812.65		EASTING (m): 5033324.32		ELEV. (m) 77.89											
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING/ROCK CORING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE											
SAMPLE TYPE		AUGER		DRIVEN		CORING		DYNAMIC CONE		SHELBY		SPLIT SPOON		GRAB					
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSV/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	N-VALUE (Blows/300mm)										
		INTERLOCK PAVER (60 mm)	0																
		FILL																	
		dense, moist, brown silty sand	0.5	77.5									1	80					
		some gravel, trace clay																	
		rock fragments	1	77									2	45					
		moist, brown SILTY SAND	1.5	76.5									3	80					
		some gravel, rock fragments																	
		SHALE/LIMESTONE BEDROCK weathered	2	76															
			2.5	75.5									1	25					TCR = 68.9% RQD = 41.2%
			3	75															
			3.5	74.5															
			4	74									2	95					TCR = 93% RQD = 59.6%
			4.5	73.5															
			5	73									3	90					TCR = 86.8% RQD = 48.4%
			5.5	72.5															
		SHALE/LIMESTONE BEDROCK											4	90					TCR = 88.2% RQD = 57%
		END OF BOREHOLE																	



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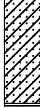

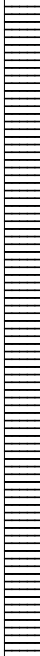
DRILLING DATE: 13-MAR-2026

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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>BH212</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:															
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033337.70		EASTING (m): 446810.66		ELEV. (m) 77.37											
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING/ROCK CORING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE											
SAMPLE TYPE		AUGER		DRIVEN		CORING		DYNAMIC CONE		SHELBY		SPLIT SPOON		GRAB					
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSW/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL								
					N-VALUE (Blows/300mm)														
					20	40	60	80	20	40	60	80							
		ASPHALT (30 mm)	0	77.37															
		FILL moist, brown sand and gravel trace clay, asphalt	0.5	77.0	16				11.5				1	60					
		moist, brown SANDY CLAY some gravel possible boulder	1	76.5		70			22.7				2	50					
		brown FRACTURED ROCK trace sand, silt	1.5	76					13.7				3	25					
		SHALE/LIMESTONE BEDROCK weathered interbedded clay	2	75.5	50								1						
			2.5	75									2	90					TCR = 86.3% RQD = 18.4%
			3	74.5									3	100					
			3.5	74									4	90					TCR = 87.9% RQD = 53%
			4	73.5															
			4.5	73															
			5	72.5															
			5.5	72									5	100					TCR = 98.8% RQD = 87.6%
			6	71.5															
		END OF BOREHOLE																	



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CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>BH213</b>											
ADDRESS: 261 BUENA VISTA ROAD				STATION:															
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033352.93		EASTING (m): 446833.40		ELEV. (m) 77.91											
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING/ROCK CORING															
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE											
SAMPLE TYPE		AUGER		DRIVEN		CORING		DYNAMIC CONE		SHELBY		SPLIT SPOON		GRAB					
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSW/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS
					40	80	120	160	PL	W.C.	LL								
					N-VALUE (Blows/300mm)														
					20	40	60	80	20	40	60	80							
		TOPSOIL (100 mm) FILL medium dense, moist, brown silty sand rock fragments	0	77.5									1		100				
		--- dense	0.5	77									2		40				
			1	76.5									3		75				
			1.5	76									4		0				
			2	75.5									5		85				
		--- wet	2.5	75									6		100				
		SILTY SAND (Possible Native)	3	74.5									1						TCR = 70.4% RQD = 0
		SHALE/LIMESTONE BEDROCK weathered	3.5	74									2		90				TCR = 90.1% RQD = 34.1%
			4	73.5									3		100				TCR = 100% RQD = 49.8%
		SHALE/LIMESTONE BEDROCK	5	73									4		90				TCR = 88.5% RQD = 46.3%
			5.5	72.5															
			6	72															
		END OF BOREHOLE																	



LOGGED BY: HM


DRILLING DATE: 19-MAR-2026

INPUT BY: SAF

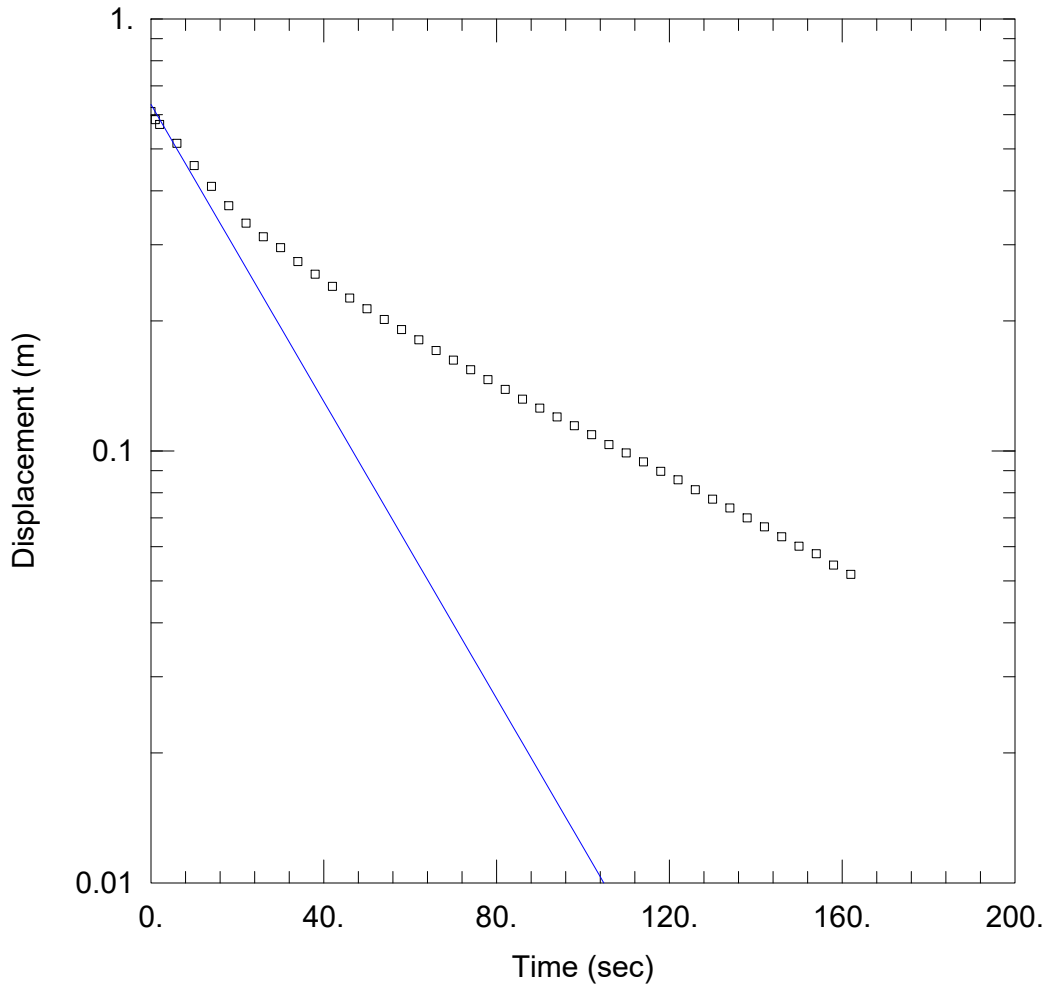
MONITORING DATE:

REVIEWED BY:

PAGE 1 OF 1

CLIENT: ELMWOOD SCHOOL				PROJECT NO.: CO680.02				RECORD OF: <b>BH214</b>												
ADDRESS: 261 BUENA VISTA ROAD				STATION:																
CITY/PROVINCE: OTTAWA, ONTARIO				NORTHING (m): 5033355.02		EASTING (m): 446850.75		ELEV. (m) 77.97												
CONTRACTOR: STRATA DRILLING INC.				METHOD: SPLIT SPOON SAMPLING																
BOREHOLE DIAMETER (cm): 10		WELL DIAMETER (cm): -		SCREEN SLOT #: -		SAND TYPE: -		SEALANT TYPE: BENTONITE												
SAMPLE TYPE <input type="checkbox"/> AUGER <input checked="" type="checkbox"/> DRIVEN <input checked="" type="checkbox"/> CORING <input type="checkbox"/> DYNAMIC CONE <input type="checkbox"/> SHELBY <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB																				
GWL (m)	SOIL SYMBOL	SOIL DESCRIPTION	DEPTH (m)	ELEVATION (m)	SHEAR STRENGTH (kPa)				WATER CONTENT (%)				SAMPLE NO.	SAMPLE TYPE	RECOVERY (%)	CSW/TOV (ppm or %LEL)	LABORATORY TESTING	WELL INSTALLATION	REMARKS	
					40	80	120	160	PL	W.C.	LL									
		TOPSOIL (152 mm) FILL very dense, moist, grey silty sand trace clay, gravel, organics wet, brown SAND AND GRAVEL medium dense, moist, brown/grey SILTY SAND AND GRAVEL --- very dense rock fragments	0 0.5 1 1.5 2 2.5 3	77.5 77 76.5 76 75.5 75																
		END OF BOREHOLE																		
												LOGGED BY: HM		DRILLING DATE: 19-MAR-2026						
												INPUT BY: SAF		MONITORING DATE:						
												REVIEWED BY:		PAGE 1 OF 1						

**APPENDIX III**  
**HYDRAULIC ANALYSES**



WELL TEST ANALYSIS

Data Set: C:\Users\LBolzon\OneDrive - Terrapex Environmental Ltd\Desktop\CO680.01\MW204t.aqt  
 Date: 04/15/26 Time: 13:43:16

PROJECT INFORMATION

Company: Terrapex Environmental LTD  
 Project: CO680.02  
 Location: 261 Buena Vista Rd, Ottawa ON  
 Test Well: MW204  
 Test Date: 03.27.2026

AQUIFER DATA

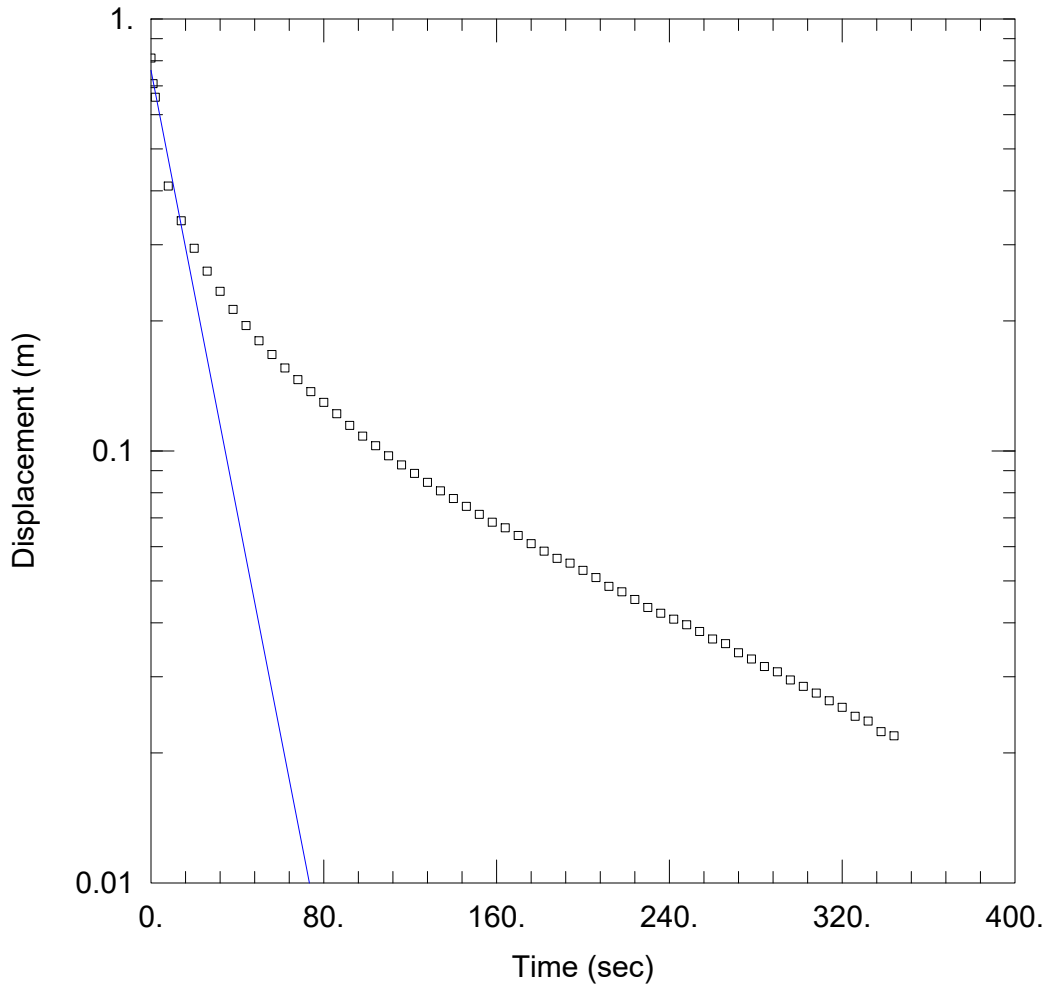
Saturated Thickness: 18.63 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW204)

Initial Displacement: 0.6105 m Static Water Column Height: 2.2 m  
 Total Well Penetration Depth: 3.08 m Screen Length: 3.05 m  
 Casing Radius: 0.026 m Well Radius: 0.031 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bower-Rice  
 K = 1.341E-5 m/sec y0 = 0.6339 m



WELL TEST ANALYSIS

Data Set: C:\Users\LBolzon\OneDrive - Terrapex Environmental Ltd\Desktop\CO680.01\MW208.aqt  
 Date: 04/15/26 Time: 13:41:27

PROJECT INFORMATION

Company: Terrapex Environmental LTD  
 Project: CO680.02  
 Location: 261 Buena Vista Rd, Ottawa ON  
 Test Well: MW208  
 Test Date: 03.27.2026

AQUIFER DATA

Saturated Thickness: 18.8 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW208)

Initial Displacement: 0.8116 m Static Water Column Height: 3.923 m  
 Total Well Penetration Depth: 4.02 m Screen Length: 3.05 m  
 Casing Radius: 0.026 m Well Radius: 0.031 m

SOLUTION

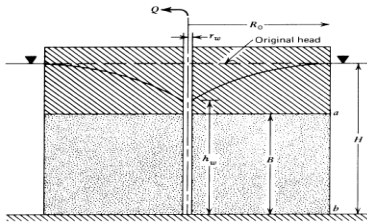
Aquifer Model: Unconfined Solution Method: Bower-Rice  
 K = 2.084E-5 m/sec y0 = 0.76 m

Dewatering Worksheet - Full Excavation Depth



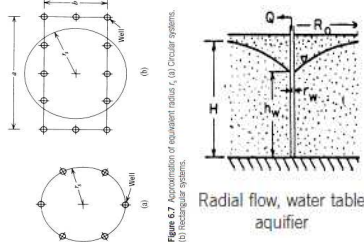
**Project:** 261 Buena Vista Road  
 Toronto, Ontario  
**Project Number:** CO680.02  
**Location:** Excavation 1  
 (west building)  
**Date:** April 16, 2026

Input Parameters



(1)	Aquifer Thickness	(H)	20 m
(2)	Target Aquifer Thickness	(h)	20 m
(3)	Effective Drawdown	(Δh)	0 m
(4)	Hydraulic Conductivity	(K)	2.1E-05 m/s
(5)	Hydraulic Conductivity	(K)	1.8E+00 m/d
(6)	Excavation length	(a)	29.25 m
(7)	Excavation width	(b)	15.04 m
(8)	Excavation Length/Width Ratio	(a/b)	1.9

Distance Calculations



(9)	Width of Dewatering	(L)	0 m
(10)	Radius/Zone of Influence (ZOI)	(R <sub>o</sub> )	0 m
(11)	Equivalent Radius of Well (where a/b ≤ 1.5)	(R <sub>s</sub> )	m
(12)	Equivalent Radius of Well (where a/b > 1.5)	(R <sub>s</sub> )	14 m

Volume Calculations

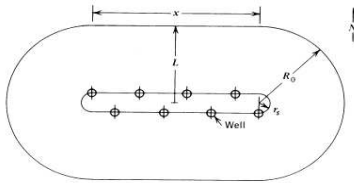


Figure 6.8 Approximate analysis of long, narrow systems.

(13)	Trench Calculation (where a/b ≤ 1.5)	(Q)	m3/day
		(Q)	L/day
(14)	Trench Calculation (where a/b > 1.5)	(Q)	m3/day
		(Q)	0 L/day
(15)	Storm Event Severity Considered		25 mm
(16)	Anticipated Incident Precipitation		10,998 L/day

SUMMARY OF VOLUMES

Estimated Dewatering Volume	(A)	0 L/day
Incident Precipitation (25mm storm)	(B)	10,998 L/day
Total Dewatering Volume (A+B)	(C)	10,998 L/day
Factor of Safety Used	(FOS)	2.0
Design Dewatering Volume (AxFOS+B)	(D)	10,998 L/day
Anticipated Hydrostatic Pressure to Bottom of Excavation		0 kPa

Relevant Formulae (Powers, 2007)

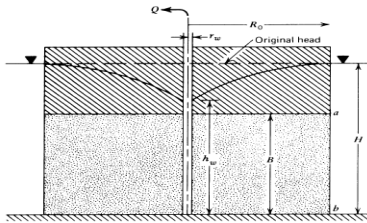
(9)	$R_o / 2$	(eq. 6.15, p. 105)
(10)	$3000 (H - h) \times \text{sqrt}(K)$	(eq. 6.12, p. 71)
(11)	$\text{sqrt}(a \times b / \pi)$	(eq. 6.9, p. 70)
(12)	$(a+b)/\pi$	(eq. 6.10, p.102)
(13)	$(\pi \times K \times (H^2 - h^2)) / \ln((R_o/R_s) / R_s) + 2 \times (X \times K \times (H^2 - h^2)) / (2 \times L)$	(pg. 66,67,68; eq. 6.1 and 6.2)
(14)	$(\pi \times K \times (H^2 - h^2)) / \ln((R_o/R_s) / R_s) + 2 \times (X \times K \times (H^2 - h^2)) / (2 \times L)$	(pg. 66,67,68; eq. 6.1 and 6.2)
(15)	$a \times b \times 25$	(sk 15Sept2022)

Dewatering Worksheet - Full Excavation Depth



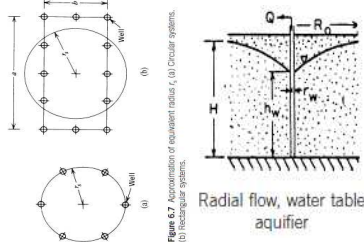
**Project:** 261 Buena Vista Road  
 Toronto, Ontario  
**Project Number:** CO680.02  
**Location:** Excavation 2  
 (east building)  
**Date:** April 16, 2026

Input Parameters



(1)	Aquifer Thickness	(H)	20 m
(2)	Target Aquifer Thickness	(h)	20 m
(3)	Effective Drawdown	(Δh)	0 m
(4)	Hydraulic Conductivity	(K)	2.1E-05 m/s
(5)	Hydraulic Conductivity	(K)	1.8E+00 m/d
(6)	Excavation length	(a)	14.53 m
(7)	Excavation width	(b)	5.22 m
(8)	Excavation Length/Width Ratio	(a/b)	2.8

Distance Calculations



(9)	Width of Dewatering	(L)	0 m
(10)	Radius/Zone of Influence (ZOI)	(R <sub>o</sub> )	0 m
(11)	Equivalent Radius of Well (where a/b ≤ 1.5)	(R <sub>s</sub> )	m
(12)	Equivalent Radius of Well (where a/b > 1.5)	(R <sub>s</sub> )	6 m

Volume Calculations

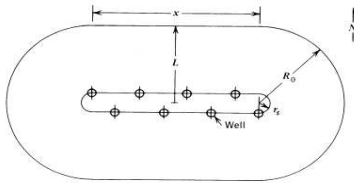


Figure 6.8 Approximate analysis of long, narrow systems.

(13)	Trench Calculation (where a/b ≤ 1.5)	(Q)	m3/day
		(Q)	L/day
(14)	Trench Calculation (where a/b > 1.5)	(Q)	m3/day
		(Q)	0 L/day
(15)	Storm Event Severity Considered		25 mm
(16)	Anticipated Incident Precipitation		1,896 L/day

SUMMARY OF VOLUMES

Estimated Dewatering Volume	(A)	0 L/day
Incident Precipitation (25mm storm)	(B)	1,896 L/day
Total Dewatering Volume (A+B)	(C)	1,896 L/day
Factor of Safety Used	(FOS)	2.0
Design Dewatering Volume (AxFOS+B)	(D)	1,896 L/day
Anticipated Hydrostatic Pressure to Bottom of Excavation		0 kPa

Relevant Formulae (Powers, 2007)

(9)	$R_o / 2$	(eq. 6.15, p. 105)
(10)	$3000 (H - h) \times \text{sqrt}(K)$	(eq. 6.12, p. 71)
(11)	$\text{sqrt}(a \times b / \pi)$	(eq. 6.9, p. 70)
(12)	$(a+b)/\pi$	(eq. 6.10, p.102)
(13)	$(\pi \times K \times (H^2 - h^2)) / \ln((R_o/R_s) / R_s) + 2 \times (X \times K \times (H^2 - h^2)) / (2 \times L)$	(pg. 66,67,68; eq. 6.1 and 6.2)
(14)	$(\pi \times K \times (H^2 - h^2)) / \ln((R_o/R_s) / R_s) + 2 \times (X \times K \times (H^2 - h^2)) / (2 \times L)$	(pg. 66,67,68; eq. 6.1 and 6.2)
(15)	$a \times b \times 25$	(sk 15Sept2022)

**APPENDIX IV**  
**LABORATORY RECORD OF GROUNDWATER QUALITY**



Bureau Veritas - Partial/Rush Results

Your Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Your C.O.C. #: C#1097877-02-01

**Attention: Keith Brown**

Terrapex Environmental Ltd  
1-20 Gurdwara Rd.  
Ottawa, ON  
CANADA K2E 8B3

**Report Date: 2026/04/13**  
Report #: R8722947  
Version: 2 - Partial

**CERTIFICATE OF ANALYSIS – PARTIAL RESULTS**

**BUREAU VERITAS JOB #: C632929**

**Received: 2026/03/30, 14:19**

Sample Matrix: Ground Water  
# Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
ABN Compounds in Water by GC/MS	1	2026/04/04	2026/04/06	CAM SOP-00301	EPA 8270E m
Sewer Use By-Law Semivolatile Organics	1	2026/04/02	2026/04/02	CAM SOP 00301	EPA 8270 m
Carbonaceous BOD	1	2026/03/31	2026/04/05	CAM SOP-00427	SM 24 5210B m
Total Cyanide	1	2026/04/01	2026/04/01	CAM SOP-00457	OMOE E3015 5 m
Dinitrotoluene Sum	1	N/A	2026/04/13	CAM SOP - 00301	EPA 8270
Fluoride	1	2026/04/04	2026/04/06	CAM SOP-00449	SM 24 4500-F C m
Dissolved Metals by ICPMS	1	N/A	2026/04/06	CAM SOP-00447	EPA 6020B m
Total Metals Analysis by ICPMS	1	2026/04/02	2026/04/06	CAM SOP-00447	EPA 6020B m
Base Neutral Organics in Waters (1)	1	2026/04/09	2026/04/10	STL SOP-00122	MA.400-COSV 1.0 R1 m
Nitrosamines in Water (2)	1	2026/04/02	2026/04/06	BRL SOP-00012 BRL SOP-00401	EPA M 607/1625B mod
Total Nonylphenol in Liquids by HPLC	1	2026/04/05	2026/04/06	CAM SOP-00313	In-house Method
Nonylphenol Ethoxylates in Liquids: HPLC	1	2026/04/05	2026/04/06	CAM SOP-00313	Bureau Veritas
Animal and Vegetable Oil and Grease	1	N/A	2026/04/06	CAM SOP-00326	EPA1664B m,SM5520B m
Total Oil and Grease	1	2026/04/06	2026/04/06	CAM SOP-00326	EPA1664B m,SM5520B m
OC Pesticides (Selected) & PCB (3)	1	2026/04/08	2026/04/09	CAM SOP-00307	EPA 8081B/ 8082A
Phenols (4AAP)	1	N/A	2026/04/06	CAM SOP-00444	OMOE E3179 m
pH	1	2026/04/02	2026/04/02	CAM SOP-00413	SM 24th-4500H+ B
Sulphate by Automated Turbidimetry	1	N/A	2026/04/07	CAM SOP-00464	SM 24 4500-SO42- E m
Sulphide	1	N/A	2026/04/01	CAM SOP-00455	SM 24 4500-S G m
Total Kjeldahl Nitrogen in Water	1	2026/04/01	2026/04/06	CAM SOP-00938	SM 4500-N B m
Total PAHs (Hamilton, Ottawa S.U.B.) (4)	1	N/A	2026/04/06	CAM SOP - 00301	
Total Toxic Organic – SVOC Group	1	2026/03/31	2026/04/13	AUTO CALC	AUTO CALC
Total Toxic Organic - VOC Group	1	2026/03/31	2026/04/07	AUTO CALC	AUTO CALC
Mineral/Synthetic O & G (TPH Heavy Oil) (5)	1	2026/04/06	2026/04/06	CAM SOP-00326	EPA1664B m,SM5520F m
Total Suspended Solids	2	2026/04/02	2026/04/07	CAM SOP-00428	SM 24 2540D m
Volatile Organic Compounds in Water	1	N/A	2026/04/03	CAM SOP-00228	EPA 8260D
Non-Routine Volatile Organic Compounds	1	N/A	2026/04/06	CAM SOP-00226	EPA 8260D m

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.



Bureau Veritas - Partial/Rush Results

Your Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Your C.O.C. #: C#1097877-02-01

**Attention: Keith Brown**

Terrapex Environmental Ltd  
1-20 Gurdwara Rd.  
Ottawa, ON  
CANADA K2E 8B3

**Report Date: 2026/04/13**  
Report #: R8722947  
Version: 2 - Partial

**CERTIFICATE OF ANALYSIS – PARTIAL RESULTS**

**BUREAU VERITAS JOB #: C632929**

**Received: 2026/03/30, 14:19**

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

\* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

- (1) This test was performed by Bureau Veritas Montreal., 889 Montée de Liesse , Ville St-Laurent, QC, H4T 1P5
- (2) Non-target compounds, if reported, represents the total of all reportable parameters requested with the exception of NDMA.
- (3) Chlordane ( Total) = Alpha Chlordane + Gamma Chlordane
- (4) Total PAHs include only those PAHs specified in the sewer use by-by-law.
- (5) Note: TPH (Heavy Oil) is equivalent to Mineral / Synthetic Oil & Grease

**Encryption Key**

Please direct all questions regarding this Certificate of Analysis to:

Katherine Szozda, Project Manager  
Email: Katherine.Szozda@bureauveritas.com  
Phone# (613)274-0573 Ext:7063633

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

**RESULTS OF ANALYSES OF GROUND WATER**

Bureau Veritas ID		BBGY66			BBGY66		
Sampling Date		2026/03/27 12:00			2026/03/27 12:00		
COC Number		C#1097877-02-01			C#1097877-02-01		
	<b>UNITS</b>	<b>MW204</b>	<b>RDL</b>	<b>QC Batch</b>	<b>MW204 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Semivolatile Organics</b>							
Azobenzene	ug/L	<1.0	1.0	A131720			
N-Nitrosodimethylamine	ng/L	<1.87	1.87	A126730			
<b>Calculated Parameters</b>							
Total Animal/Vegetable Oil and Grease	mg/L	<0.50	0.50	A124989			
Total Toxic Organic - VOC Group	mg/L	<0.028	0.028	A125364			
Total Toxic Organic -SVOC Group	mg/L	<0.50	0.50	A125363			
<b>Inorganics</b>							
Total Carbonaceous BOD	mg/L	<2	2	A124808			
Fluoride (F-)	mg/L	0.11	0.10	A127274			
Total Kjeldahl Nitrogen (TKN)	mg/L	<0.10	0.10	A126212	<0.10	0.10	A126212
pH	pH	7.25		A126445	7.21		A126445
Phenols-4AAP	mg/L	<0.0010	0.0010	A127760			
Total Suspended Solids	mg/L	<10	10	A126895			
Dissolved Sulphate (SO4)	mg/L	120	2.0	A128033			
Sulphide	mg/L	<0.020	0.020	A125550			
Total Cyanide (CN)	mg/L	<0.0050	0.0050	A125619			
<b>Petroleum Hydrocarbons</b>							
Total Oil & Grease	mg/L	<0.50	0.50	A127954			
Total Oil & Grease Mineral/Synthetic	mg/L	<0.50	0.50	A127958			
<b>Surrogate Recovery (%)</b>							
D10-Anthracene	%	109		A131720			
D12-Benzo(a)pyrene	%	129		A131720			
D5-Nitrobenzene	%	106		A131720			
D10-N-nitrosodiethylamine	%	68		A126730			
D14-N-Nitrosodi-n-propylamine	%	75		A126730			
D6-N-Nitrosodimethylamine	%	29		A126730			
D8-N-Nitrosomorpholine	%	51		A126730			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### RESULTS OF ANALYSES OF GROUND WATER

Bureau Veritas ID		BBGY67	BBGY67		
Sampling Date		2026/03/27 12:00	2026/03/27 12:00		
COC Number		C#1097877-02-01	C#1097877-02-01		
	<b>UNITS</b>	<b>MW204</b>	<b>MW204 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Inorganics</b>					
Total Suspended Solids	mg/L	<10	<10	10	A126895
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate					

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

**NONYL PHENOL AND NONYL PHENOL ETHOXYLATE (GROUND WATER)**

Bureau Veritas ID		BBGY66			BBGY66		
Sampling Date		2026/03/27 12:00			2026/03/27 12:00		
COC Number		C#1097877-02-01			C#1097877-02-01		
	<b>UNITS</b>	<b>MW204</b>	<b>RDL</b>	<b>QC Batch</b>	<b>MW204 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Miscellaneous Parameters</b>							
Nonylphenol Ethoxylate (Total)	mg/L	<0.025	0.025	A127343	<0.025	0.025	A127343
Nonylphenol (Total)	mg/L	<0.001	0.001	A127341			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							

Bureau Veritas - Partial/Rush Results



BUREAU VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

**ELEMENTS BY ATOMIC SPECTROSCOPY (GROUND WATER)**

Bureau Veritas ID		BBGY66			BBGY67		
Sampling Date		2026/03/27 12:00			2026/03/27 12:00		
COC Number		C#1097877-02-01			C#1097877-02-01		
	UNITS	MW204	RDL	QC Batch	MW204	RDL	QC Batch
<b>Metals</b>							
Dissolved Aluminum (Al)	ug/L				<4.9	4.9	A125666
Total Aluminum (Al)	ug/L	40	4.9	A126842			
Dissolved Antimony (Sb)	ug/L				<0.50	0.50	A125666
Total Antimony (Sb)	ug/L	<0.50	0.50	A126842			
Dissolved Arsenic (As)	ug/L				<1.0	1.0	A125666
Total Arsenic (As)	ug/L	<1.0	1.0	A126842			
Dissolved Barium (Ba)	ug/L				140	2.0	A125666
Dissolved Beryllium (Be)	ug/L				<0.40	0.40	A125666
Dissolved Bismuth (Bi)	ug/L				<1.0	1.0	A125666
Total Bismuth (Bi)	ug/L	<1.0	1.0	A126842			
Dissolved Boron (B)	ug/L				45	10	A125666
Total Boron (B)	ug/L	40	10	A126842			
Dissolved Cadmium (Cd)	ug/L				<0.090	0.090	A125666
Total Cadmium (Cd)	ug/L	<0.090	0.090	A126842			
Dissolved Calcium (Ca)	ug/L				220000	200	A125666
Dissolved Chromium (Cr)	ug/L				<5.0	5.0	A125666
Total Chromium (Cr)	ug/L	<5.0	5.0	A126842			
Dissolved Cobalt (Co)	ug/L				<0.50	0.50	A125666
Total Cobalt (Co)	ug/L	<0.50	0.50	A126842			
Dissolved Copper (Cu)	ug/L				<0.90	0.90	A125666
Total Copper (Cu)	ug/L	<0.90	0.90	A126842			
Dissolved Iron (Fe)	ug/L				<100	100	A125666
Dissolved Lead (Pb)	ug/L				<0.50	0.50	A125666
Total Lead (Pb)	ug/L	<0.50	0.50	A126842			
Dissolved Lithium (Li)	ug/L				8.0	5.0	A125666
Dissolved Magnesium (Mg)	ug/L				27000	50	A125666
Dissolved Manganese (Mn)	ug/L				180	2.0	A125666
Total Manganese (Mn)	ug/L	170	2.0	A126842			
Dissolved Molybdenum (Mo)	ug/L				<0.50	0.50	A125666
Total Molybdenum (Mo)	ug/L	<0.50	0.50	A126842			
Dissolved Nickel (Ni)	ug/L				2.7	1.0	A125666
RDL = Reportable Detection Limit QC Batch = Quality Control Batch							

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### ELEMENTS BY ATOMIC SPECTROSCOPY (GROUND WATER)

Bureau Veritas ID		BBGY66			BBGY67		
Sampling Date		2026/03/27 12:00			2026/03/27 12:00		
COC Number		C#1097877-02-01			C#1097877-02-01		
	UNITS	MW204	RDL	QC Batch	MW204	RDL	QC Batch
Total Nickel (Ni)	ug/L	2.9	1.0	A126842			
Dissolved Phosphorus (P)	ug/L				<100	100	A125666
Total Phosphorus (P)	ug/L	<100	100	A126842			
Dissolved Potassium (K)	ug/L				7000	200	A125666
Dissolved Selenium (Se)	ug/L				<2.0	2.0	A125666
Total Selenium (Se)	ug/L	<2.0	2.0	A126842			
Dissolved Silicon (Si)	ug/L				4400	50	A125666
Dissolved Silver (Ag)	ug/L				<0.090	0.090	A125666
Total Silver (Ag)	ug/L	<0.090	0.090	A126842			
Dissolved Sodium (Na)	ug/L				300000	100	A125666
Dissolved Strontium (Sr)	ug/L				1300	1.0	A125666
Dissolved Tellurium (Te)	ug/L				<1.0	1.0	A125666
Dissolved Thallium (Tl)	ug/L				<0.050	0.050	A125666
Dissolved Tin (Sn)	ug/L				<1.0	1.0	A125666
Total Tin (Sn)	ug/L	<1.0	1.0	A126842			
Dissolved Titanium (Ti)	ug/L				<5.0	5.0	A125666
Total Titanium (Ti)	ug/L	<5.0	5.0	A126842			
Dissolved Tungsten (W)	ug/L				<1.0	1.0	A125666
Dissolved Uranium (U)	ug/L				1.6	0.10	A125666
Dissolved Vanadium (V)	ug/L				<0.50	0.50	A125666
Total Vanadium (V)	ug/L	<0.50	0.50	A126842			
Dissolved Zinc (Zn)	ug/L				<5.0	5.0	A125666
Total Zinc (Zn)	ug/L	<5.0	5.0	A126842			
Dissolved Zirconium (Zr)	ug/L				<1.0	1.0	A125666

RDL = Reportable Detection Limit  
QC Batch = Quality Control Batch

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

**SEMI-VOLATILE ORGANICS BY GC-MS (GROUND WATER)**

Bureau Veritas ID		BBGY66		
Sampling Date		2026/03/27 12:00		
COC Number		C#1097877-02-01		
	<b>UNITS</b>	<b>MW204</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Semivolatile Organics</b>				
1-Methylnaphthalene	ug/L	<0.3	0.3	A126373
2-Methylnaphthalene	ug/L	<0.3	0.3	A126373
Fluorene	ug/L	<0.3	0.3	A126373
Naphthalene	ug/L	<0.3	0.3	A126373
Di-N-butyl phthalate	ug/L	<2	2	A126373
Bis(2-ethylhexyl)phthalate	ug/L	<2	2	A126373
Phenanthrene	ug/L	<0.2	0.2	A126373
Anthracene	ug/L	<0.2	0.2	A126373
Fluoranthene	ug/L	<0.2	0.2	A126373
Pyrene	ug/L	<0.2	0.2	A126373
Benzo(a)anthracene	ug/L	<0.2	0.2	A126373
Chrysene	ug/L	<0.2	0.2	A126373
Benzo(b/j)fluoranthene	ug/L	<0.2	0.2	A126373
Benzo(k)fluoranthene	ug/L	<0.2	0.2	A126373
Benzo(a)pyrene	ug/L	<0.2	0.2	A126373
Indeno(1,2,3-cd)pyrene	ug/L	<0.2	0.2	A126373
Dibenzo(a,h)anthracene	ug/L	<0.2	0.2	A126373
Benzo(g,h,i)perylene	ug/L	<0.2	0.2	A126373
Dibenzo(a,i)pyrene	ug/L	<0.2	0.2	A126373
Benzo(e)pyrene	ug/L	<0.2	0.2	A126373
Perylene	ug/L	<0.2	0.2	A126373
Dibenzo(a,j) acridine	ug/L	<0.4	0.4	A126373
7H-Dibenzo(c,g) Carbazole	ug/L	<0.4	0.4	A126373
2,4-Dichlorophenol	ug/L	<0.30	0.30	A127253
Benzyl butyl phthalate	ug/L	<0.50	0.50	A127253
Bis(2-chloroethoxy)methane	ug/L	<0.50	0.50	A127253
di-n-octyl phthalate	ug/L	<0.80	0.80	A127253
Diethyl phthalate	ug/L	<1.0	1.0	A127253
Indole	ug/L	<1.0	1.0	A127253
<b>Calculated Parameters</b>				
2,4- & 2,6-Dinitrotoluene	ug/L	<1.1	1.1	A125367
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Bureau Veritas - Partial/Rush Results



**SEMI-VOLATILE ORGANICS BY GC-MS (GROUND WATER)**

Bureau Veritas ID		BBGY66		
Sampling Date		2026/03/27 12:00		
COC Number		C#1097877-02-01		
	<b>UNITS</b>	<b>MW204</b>	<b>RDL</b>	<b>QC Batch</b>
Total PAHs (18 PAHs)	ug/L	<0.96	0.96	A125362
<b>Surrogate Recovery (%)</b>				
2,4,6-Tribromophenol	%	28		A127253
2-Fluorobiphenyl	%	49		A127253
2-Fluorophenol	%	11		A127253
D14-Terphenyl	%	71		A127253
D5-Nitrobenzene	%	44		A127253
D5-Phenol	%	9.3 (1)		A127253
2,4,6-Tribromophenol	%	49		A126373
2-Fluorobiphenyl	%	51		A126373
D14-Terphenyl (FS)	%	77		A126373
D5-Nitrobenzene	%	29 (1)		A126373
D8-Acenaphthylene	%	57		A126373
RDL = Reportable Detection Limit QC Batch = Quality Control Batch (1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.				



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### VOLATILE ORGANICS BY GC/MS (GROUND WATER)

Bureau Veritas ID		BBGY66			BBGY66		
Sampling Date		2026/03/27 12:00			2026/03/27 12:00		
COC Number		C#1097877-02-01			C#1097877-02-01		
	UNITS	MW204	RDL	QC Batch	MW204 Lab-Dup	RDL	QC Batch
<b>Volatile Organics</b>							
Acetone (2-Propanone)	ug/L	<10	10	A125796			
Benzene	ug/L	<0.20	0.20	A125796			
Bromodichloromethane	ug/L	<0.50	0.50	A125796			
Bromoform	ug/L	<1.0	1.0	A125796			
Bromomethane	ug/L	<0.50	0.50	A125796			
Carbon Tetrachloride	ug/L	<0.19	0.19	A125796			
Chlorobenzene	ug/L	<0.20	0.20	A125796			
Chloroethane	ug/L	<1.0	1.0	A125796			
Chloroform	ug/L	<0.20	0.20	A125796			
Chloromethane	ug/L	<5.0	5.0	A125796			
Dibromochloromethane	ug/L	<0.50	0.50	A125796			
1,2-Dichlorobenzene	ug/L	<0.40	0.40	A125796			
1,3-Dichlorobenzene	ug/L	<0.40	0.40	A125796			
1,4-Dichlorobenzene	ug/L	<0.40	0.40	A125796			
1,1-Dichloroethane	ug/L	<0.20	0.20	A125796			
1,2-Dichloroethane	ug/L	<0.49	0.49	A125796			
1,1-Dichloroethylene	ug/L	<0.20	0.20	A125796			
cis-1,2-Dichloroethylene	ug/L	<0.50	0.50	A125796			
trans-1,2-Dichloroethylene	ug/L	<0.50	0.50	A125796			
1,2-Dichloropropane	ug/L	<0.20	0.20	A125796			
cis-1,3-Dichloropropene	ug/L	<0.30	0.30	A125796			
trans-1,3-Dichloropropene	ug/L	<0.40	0.40	A125796			
Ethylbenzene	ug/L	<0.20	0.20	A125796			
Ethylene Dibromide	ug/L	<0.19	0.19	A125796			
Methylene Chloride(Dichloromethane)	ug/L	<2.0	2.0	A125796			
Styrene	ug/L	<0.40	0.40	A125796			
1,1,1,2-Tetrachloroethane	ug/L	<0.40	0.40	A125796			
Tetrachloroethylene	ug/L	<0.20	0.20	A125796			
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	A125817	<1.0	1.0	A125817
Toluene	ug/L	<0.20	0.20	A125796			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### VOLATILE ORGANICS BY GC/MS (GROUND WATER)

Bureau Veritas ID		BBGY66			BBGY66		
Sampling Date		2026/03/27 12:00			2026/03/27 12:00		
COC Number		C#1097877-02-01			C#1097877-02-01		
	<b>UNITS</b>	<b>MW204</b>	<b>RDL</b>	<b>QC Batch</b>	<b>MW204 Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>
1,1,1-Trichloroethane	ug/L	<0.20	0.20	A125796			
1,1,2-Trichloroethane	ug/L	<0.40	0.40	A125796			
Trichloroethylene	ug/L	<0.20	0.20	A125796			
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	0.50	A125796			
Vinyl Chloride	ug/L	<0.20	0.20	A125796			
p+m-Xylene	ug/L	<0.20	0.20	A125796			
Methyl Butyl Ketone (2-Hexanone)	ug/L	<25	25	A125817	<25	25	A125817
o-Xylene	ug/L	<0.20	0.20	A125796			
Total Xylenes	ug/L	<0.20	0.20	A125796			
<b>Surrogate Recovery (%)</b>							
4-Bromofluorobenzene	%	103		A125796			
D4-1,2-Dichloroethane	%	109		A125796			
D8-Toluene	%	94		A125796			
4-Bromofluorobenzene	%	98		A125817	100		A125817
D4-1,2-Dichloroethane	%	101		A125817	102		A125817
D8-Toluene	%	98		A125817	100		A125817
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate							

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

**ORGANOCHLORINATED PESTICIDES BY GC-ECD (GROUND WATER)**

Bureau Veritas ID		BBGY66		
Sampling Date		2026/03/27 12:00		
COC Number		C#1097877-02-01		
	<b>UNITS</b>	<b>MW204</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Pesticides &amp; Herbicides</b>				
Hexachlorobenzene	ug/L	<0.005	0.005	A128889
<b>Surrogate Recovery (%)</b>				
2,4,5,6-Tetrachloro-m-xylene	%	89		A128889
Decachlorobiphenyl	%	124		A128889
RDL = Reportable Detection Limit QC Batch = Quality Control Batch				

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### TEST SUMMARY

**Bureau Veritas ID:** BBGY66  
**Sample ID:** MW204  
**Matrix:** Ground Water

**Collected:** 2026/03/27  
**Shipped:**  
**Received:** 2026/03/30

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
ABN Compounds in Water by GC/MS	GC/MS	A127253	2026/04/04	2026/04/06	Milijana Avramovic
Sewer Use By-Law Semivolatile Organics	GC/MS	A126373	2026/04/02	2026/04/02	Adriana Zurita
Carbonaceous BOD	DO	A124808	2026/03/31	2026/04/05	Prakash Piya
Total Cyanide	SKAL/CN	A125619	2026/04/01	2026/04/01	Prgya Panchal
Dinitrotoluene Sum	CALC	A125367	N/A	2026/04/13	Automated Statchk
Fluoride	ISE	A127274	2026/04/04	2026/04/06	Nachiketa Gohil
Total Metals Analysis by ICPMS	ICP/MS	A126842	2026/04/02	2026/04/06	Azita Fazaali
Base Neutral Organics in Waters	GC/MS	A131720	2026/04/09	2026/04/10	Jenica Odal
Nitrosamines in Water	GCTQ/MS	A126730	2026/04/02	2026/04/06	Cathy Xu
Total Nonylphenol in Liquids by HPLC	LC/FLU	A127341	2026/04/05	2026/04/06	Michael Huynh
Nonylphenol Ethoxylates in Liquids: HPLC	LC/FLU	A127343	2026/04/05	2026/04/06	Michael Huynh
Animal and Vegetable Oil and Grease	BAL	A124989	N/A	2026/04/06	Automated Statchk
Total Oil and Grease	BAL	A127954	2026/04/06	2026/04/06	Jay Hareshkumar Vaghasia
OC Pesticides (Selected) & PCB	GC/ECD	A128889	2026/04/08	2026/04/09	Li Peng
Phenols (4AAP)	TECH/PHEN	A127760	N/A	2026/04/06	Shivani Shivani
pH	AT	A126445	2026/04/02	2026/04/02	Helen He
Sulphate by Automated Turbidimetry	SKAL	A128033	N/A	2026/04/07	Massarat Jan
Sulphide	ISE/S	A125550	N/A	2026/04/01	Alina Dobreanu
Total Kjeldahl Nitrogen in Water	SKAL	A126212	2026/04/01	2026/04/06	Rajni Tyagi
Total PAHs (Hamilton, Ottawa S.U.B.)	CALC	A125362	N/A	2026/04/06	Automated Statchk
Total Toxic Organic – SVOC Group		A125363	2026/04/13	2026/04/13	Automated Statchk
Total Toxic Organic - VOC Group		A125364	2026/04/07	2026/04/07	Automated Statchk
Mineral/Synthetic O & G (TPH Heavy Oil)	BAL	A127958	2026/04/06	2026/04/06	Jay Hareshkumar Vaghasia
Total Suspended Solids	BAL	A126895	2026/04/02	2026/04/07	Tina Teng
Volatile Organic Compounds in Water	GC/MS	A125796	N/A	2026/04/03	Manpreet Sarao
Non-Routine Volatile Organic Compounds	P&T/MS	A125817	N/A	2026/04/06	Hai Son Tran

**Bureau Veritas ID:** BBGY66 Dup  
**Sample ID:** MW204  
**Matrix:** Ground Water

**Collected:** 2026/03/27  
**Shipped:**  
**Received:** 2026/03/30

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Nonylphenol Ethoxylates in Liquids: HPLC	LC/FLU	A127343	2026/04/05	2026/04/06	Michael Huynh
pH	AT	A126445	2026/04/02	2026/04/02	Helen He
Total Kjeldahl Nitrogen in Water	SKAL	A126212	2026/04/01	2026/04/06	Rajni Tyagi
Non-Routine Volatile Organic Compounds	P&T/MS	A125817	N/A	2026/04/06	Hai Son Tran

**Bureau Veritas ID:** BBGY67  
**Sample ID:** MW204  
**Matrix:** Ground Water

**Collected:** 2026/03/27  
**Shipped:**  
**Received:** 2026/03/30

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Dissolved Metals by ICPMS	ICP/MS	A125666	N/A	2026/04/06	Azita Fazaali
Total Suspended Solids	BAL	A126895	2026/04/02	2026/04/07	Tina Teng

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### TEST SUMMARY

**Bureau Veritas ID:** BBGY67 Dup  
**Sample ID:** MW204  
**Matrix:** Ground Water

**Collected:** 2026/03/27  
**Shipped:**  
**Received:** 2026/03/30

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Suspended Solids	BAL	A126895	2026/04/02	2026/04/07	Tina Teng

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### GENERAL COMMENTS

Sample BBGY66 [MW204] : VOC Analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

**Results relate only to the items tested.**

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	A124808	PRP	QC Standard	Total Carbonaceous BOD	2026/04/05		97	%	80 - 120
	A124808	PRP	Method Blank	Total Carbonaceous BOD	2026/04/05	<2		mg/L	
	A124808	PRP	RPD	Total Carbonaceous BOD	2026/04/05	2.4		%	30
	A125550	ADB	Matrix Spike	Sulphide	2026/04/01		98	%	80 - 120
	A125550	ADB	Spiked Blank	Sulphide	2026/04/01		94	%	80 - 120
	A125550	ADB	Method Blank	Sulphide	2026/04/01	<0.020		mg/L	
	A125550	ADB	RPD	Sulphide	2026/04/01	NC		%	20
	A125619	GYA	Matrix Spike	Total Cyanide (CN)	2026/04/01		107	%	80 - 120
	A125619	GYA	Spiked Blank	Total Cyanide (CN)	2026/04/01		101	%	80 - 120
	A125619	GYA	Method Blank	Total Cyanide (CN)	2026/04/01	<0.0050		mg/L	
	A125619	GYA	RPD	Total Cyanide (CN)	2026/04/01	NC		%	20
	A125666	AFZ	Matrix Spike	Dissolved Aluminum (Al)	2026/04/06		99	%	80 - 120
				Dissolved Antimony (Sb)	2026/04/06		107	%	80 - 120
				Dissolved Arsenic (As)	2026/04/06		102	%	80 - 120
				Dissolved Barium (Ba)	2026/04/06		99	%	80 - 120
				Dissolved Beryllium (Be)	2026/04/06		102	%	80 - 120
				Dissolved Bismuth (Bi)	2026/04/06		101	%	80 - 120
				Dissolved Boron (B)	2026/04/06		NC	%	80 - 120
				Dissolved Cadmium (Cd)	2026/04/06		104	%	80 - 120
				Dissolved Calcium (Ca)	2026/04/06		NC	%	80 - 120
				Dissolved Chromium (Cr)	2026/04/06		100	%	80 - 120
				Dissolved Cobalt (Co)	2026/04/06		99	%	80 - 120
				Dissolved Copper (Cu)	2026/04/06		101	%	80 - 120
				Dissolved Iron (Fe)	2026/04/06		100	%	80 - 120
				Dissolved Lead (Pb)	2026/04/06		99	%	80 - 120
				Dissolved Lithium (Li)	2026/04/06		106	%	80 - 120
				Dissolved Magnesium (Mg)	2026/04/06		NC	%	80 - 120
				Dissolved Manganese (Mn)	2026/04/06		100	%	80 - 120
				Dissolved Molybdenum (Mo)	2026/04/06		106	%	80 - 120
				Dissolved Nickel (Ni)	2026/04/06		97	%	80 - 120
				Dissolved Phosphorus (P)	2026/04/06		108	%	80 - 120
				Dissolved Potassium (K)	2026/04/06		99	%	80 - 120
				Dissolved Selenium (Se)	2026/04/06		100	%	80 - 120
				Dissolved Silicon (Si)	2026/04/06		99	%	80 - 120
				Dissolved Silver (Ag)	2026/04/06		90	%	80 - 120
				Dissolved Sodium (Na)	2026/04/06		NC	%	80 - 120
				Dissolved Strontium (Sr)	2026/04/06		NC	%	80 - 120
				Dissolved Tellurium (Te)	2026/04/06		102	%	80 - 120
				Dissolved Thallium (Tl)	2026/04/06		98	%	80 - 120
				Dissolved Tin (Sn)	2026/04/06		105	%	80 - 120
				Dissolved Titanium (Ti)	2026/04/06		100	%	80 - 120
				Dissolved Tungsten (W)	2026/04/06		102	%	80 - 120
				Dissolved Uranium (U)	2026/04/06		105	%	80 - 120
				Dissolved Vanadium (V)	2026/04/06		102	%	80 - 120
				Dissolved Zinc (Zn)	2026/04/06		100	%	80 - 120
				Dissolved Zirconium (Zr)	2026/04/06		107	%	80 - 120
	A125666	AFZ	Spiked Blank	Dissolved Aluminum (Al)	2026/04/06		100	%	80 - 120
				Dissolved Antimony (Sb)	2026/04/06		101	%	80 - 120
				Dissolved Arsenic (As)	2026/04/06		101	%	80 - 120
				Dissolved Barium (Ba)	2026/04/06		98	%	80 - 120
				Dissolved Beryllium (Be)	2026/04/06		100	%	80 - 120
				Dissolved Bismuth (Bi)	2026/04/06		100	%	80 - 120
				Dissolved Boron (B)	2026/04/06		98	%	80 - 120

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

Bureau Veritas - Partial/Rush Results

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Cadmium (Cd)	2026/04/06		101	%	80 - 120
			Dissolved Calcium (Ca)	2026/04/06		102	%	80 - 120
			Dissolved Chromium (Cr)	2026/04/06		99	%	80 - 120
			Dissolved Cobalt (Co)	2026/04/06		99	%	80 - 120
			Dissolved Copper (Cu)	2026/04/06		100	%	80 - 120
			Dissolved Iron (Fe)	2026/04/06		99	%	80 - 120
			Dissolved Lead (Pb)	2026/04/06		99	%	80 - 120
			Dissolved Lithium (Li)	2026/04/06		101	%	80 - 120
			Dissolved Magnesium (Mg)	2026/04/06		98	%	80 - 120
			Dissolved Manganese (Mn)	2026/04/06		101	%	80 - 120
			Dissolved Molybdenum (Mo)	2026/04/06		101	%	80 - 120
			Dissolved Nickel (Ni)	2026/04/06		98	%	80 - 120
			Dissolved Phosphorus (P)	2026/04/06		111	%	80 - 120
			Dissolved Potassium (K)	2026/04/06		98	%	80 - 120
			Dissolved Selenium (Se)	2026/04/06		99	%	80 - 120
			Dissolved Silicon (Si)	2026/04/06		100	%	80 - 120
			Dissolved Silver (Ag)	2026/04/06		96	%	80 - 120
			Dissolved Sodium (Na)	2026/04/06		100	%	80 - 120
			Dissolved Strontium (Sr)	2026/04/06		100	%	80 - 120
			Dissolved Tellurium (Te)	2026/04/06		99	%	80 - 120
			Dissolved Thallium (Tl)	2026/04/06		96	%	80 - 120
			Dissolved Tin (Sn)	2026/04/06		100	%	80 - 120
			Dissolved Titanium (Ti)	2026/04/06		94	%	80 - 120
			Dissolved Tungsten (W)	2026/04/06		99	%	80 - 120
			Dissolved Uranium (U)	2026/04/06		100	%	80 - 120
			Dissolved Vanadium (V)	2026/04/06		99	%	80 - 120
			Dissolved Zinc (Zn)	2026/04/06		100	%	80 - 120
			Dissolved Zirconium (Zr)	2026/04/06		103	%	80 - 120
A125666	AFZ	Method Blank	Dissolved Aluminum (Al)	2026/04/06	<4.9		ug/L	
			Dissolved Antimony (Sb)	2026/04/06	<0.50		ug/L	
			Dissolved Arsenic (As)	2026/04/06	<1.0		ug/L	
			Dissolved Barium (Ba)	2026/04/06	<2.0		ug/L	
			Dissolved Beryllium (Be)	2026/04/06	<0.40		ug/L	
			Dissolved Bismuth (Bi)	2026/04/06	<1.0		ug/L	
			Dissolved Boron (B)	2026/04/06	<10		ug/L	
			Dissolved Cadmium (Cd)	2026/04/06	<0.090		ug/L	
			Dissolved Calcium (Ca)	2026/04/06	<200		ug/L	
			Dissolved Chromium (Cr)	2026/04/06	<5.0		ug/L	
			Dissolved Cobalt (Co)	2026/04/06	<0.50		ug/L	
			Dissolved Copper (Cu)	2026/04/06	<0.90		ug/L	
			Dissolved Iron (Fe)	2026/04/06	<100		ug/L	
			Dissolved Lead (Pb)	2026/04/06	<0.50		ug/L	
			Dissolved Lithium (Li)	2026/04/06	<5.0		ug/L	
			Dissolved Magnesium (Mg)	2026/04/06	<50		ug/L	
			Dissolved Manganese (Mn)	2026/04/06	<2.0		ug/L	
			Dissolved Molybdenum (Mo)	2026/04/06	<0.50		ug/L	
			Dissolved Nickel (Ni)	2026/04/06	<1.0		ug/L	
			Dissolved Phosphorus (P)	2026/04/06	<100		ug/L	
			Dissolved Potassium (K)	2026/04/06	<200		ug/L	
			Dissolved Selenium (Se)	2026/04/06	<2.0		ug/L	
			Dissolved Silicon (Si)	2026/04/06	<50		ug/L	
			Dissolved Silver (Ag)	2026/04/06	<0.090		ug/L	
			Dissolved Sodium (Na)	2026/04/06	<100		ug/L	



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				Dissolved Strontium (Sr)	2026/04/06	<1.0		ug/L	
				Dissolved Tellurium (Te)	2026/04/06	<1.0		ug/L	
				Dissolved Thallium (Tl)	2026/04/06	<0.050		ug/L	
				Dissolved Tin (Sn)	2026/04/06	<1.0		ug/L	
				Dissolved Titanium (Ti)	2026/04/06	<5.0		ug/L	
				Dissolved Tungsten (W)	2026/04/06	<1.0		ug/L	
				Dissolved Uranium (U)	2026/04/06	<0.10		ug/L	
				Dissolved Vanadium (V)	2026/04/06	<0.50		ug/L	
				Dissolved Zinc (Zn)	2026/04/06	<5.0		ug/L	
				Dissolved Zirconium (Zr)	2026/04/06	<1.0		ug/L	
A125666		AFZ	RPD	Dissolved Antimony (Sb)	2026/04/06	NC		%	20
				Dissolved Arsenic (As)	2026/04/06	NC		%	20
				Dissolved Barium (Ba)	2026/04/06	11		%	20
				Dissolved Beryllium (Be)	2026/04/06	NC		%	20
				Dissolved Boron (B)	2026/04/06	0.13		%	20
				Dissolved Cadmium (Cd)	2026/04/06	NC		%	20
				Dissolved Chromium (Cr)	2026/04/06	NC		%	20
				Dissolved Cobalt (Co)	2026/04/06	NC		%	20
				Dissolved Copper (Cu)	2026/04/06	NC		%	20
				Dissolved Lead (Pb)	2026/04/06	NC		%	20
				Dissolved Molybdenum (Mo)	2026/04/06	1.4		%	20
				Dissolved Nickel (Ni)	2026/04/06	6.7		%	20
				Dissolved Selenium (Se)	2026/04/06	NC		%	20
				Dissolved Silver (Ag)	2026/04/06	NC		%	20
				Dissolved Sodium (Na)	2026/04/06	0.38		%	20
				Dissolved Thallium (Tl)	2026/04/06	NC		%	20
				Dissolved Uranium (U)	2026/04/06	0.11		%	20
				Dissolved Vanadium (V)	2026/04/06	NC		%	20
				Dissolved Zinc (Zn)	2026/04/06	2.2		%	20
A125796		MS4	Matrix Spike	4-Bromofluorobenzene	2026/04/02		103	%	70 - 130
				D4-1,2-Dichloroethane	2026/04/02		104	%	70 - 130
				D8-Toluene	2026/04/02		101	%	70 - 130
				Acetone (2-Propanone)	2026/04/02		97	%	60 - 140
				Benzene	2026/04/02		101	%	70 - 130
				Bromodichloromethane	2026/04/02		113	%	70 - 130
				Bromoform	2026/04/02		122	%	70 - 130
				Bromomethane	2026/04/02		94	%	60 - 140
				Carbon Tetrachloride	2026/04/02		108	%	70 - 130
				Chlorobenzene	2026/04/02		107	%	70 - 130
				Chloroethane	2026/04/02		87	%	70 - 130
				Chloroform	2026/04/02		106	%	70 - 130
				Chloromethane	2026/04/02		95	%	60 - 140
				Dibromochloromethane	2026/04/02		125	%	70 - 130
				1,2-Dichlorobenzene	2026/04/02		121	%	70 - 130
				1,3-Dichlorobenzene	2026/04/02		116	%	70 - 130
				1,4-Dichlorobenzene	2026/04/02		117	%	70 - 130
				1,1-Dichloroethane	2026/04/02		95	%	70 - 130
				1,2-Dichloroethane	2026/04/02		109	%	70 - 130
				1,1-Dichloroethylene	2026/04/02		94	%	70 - 130
				cis-1,2-Dichloroethylene	2026/04/02		106	%	70 - 130
				trans-1,2-Dichloroethylene	2026/04/02		99	%	70 - 130
				1,2-Dichloropropane	2026/04/02		107	%	70 - 130
				cis-1,3-Dichloropropene	2026/04/02		100	%	70 - 130

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				trans-1,3-Dichloropropene	2026/04/02		114	%	70 - 130
				Ethylbenzene	2026/04/02		108	%	70 - 130
				Ethylene Dibromide	2026/04/02		116	%	70 - 130
				Methylene Chloride(Dichloromethane)	2026/04/02		95	%	70 - 130
				Styrene	2026/04/02		114	%	70 - 130
				1,1,2,2-Tetrachloroethane	2026/04/02		122	%	70 - 130
				Tetrachloroethylene	2026/04/02		103	%	70 - 130
				Toluene	2026/04/02		106	%	70 - 130
				1,1,1-Trichloroethane	2026/04/02		99	%	70 - 130
				1,1,2-Trichloroethane	2026/04/02		119	%	70 - 130
				Trichloroethylene	2026/04/02		105	%	70 - 130
				Trichlorofluoromethane (FREON 11)	2026/04/02		96	%	70 - 130
				Vinyl Chloride	2026/04/02		94	%	70 - 130
				p+m-Xylene	2026/04/02		107	%	70 - 130
				o-Xylene	2026/04/02		117	%	70 - 130
A125796	MS4		Spiked Blank	4-Bromofluorobenzene	2026/04/02		103	%	70 - 130
				D4-1,2-Dichloroethane	2026/04/02		102	%	70 - 130
				D8-Toluene	2026/04/02		101	%	70 - 130
				Acetone (2-Propanone)	2026/04/02		96	%	60 - 140
				Benzene	2026/04/02		99	%	70 - 130
				Bromodichloromethane	2026/04/02		110	%	70 - 130
				Bromoform	2026/04/02		118	%	70 - 130
				Bromomethane	2026/04/02		88	%	60 - 140
				Carbon Tetrachloride	2026/04/02		108	%	70 - 130
				Chlorobenzene	2026/04/02		106	%	70 - 130
				Chloroethane	2026/04/02		86	%	70 - 130
				Chloroform	2026/04/02		104	%	70 - 130
				Chloromethane	2026/04/02		93	%	60 - 140
				Dibromochloromethane	2026/04/02		120	%	70 - 130
				1,2-Dichlorobenzene	2026/04/02		120	%	70 - 130
				1,3-Dichlorobenzene	2026/04/02		118	%	70 - 130
				1,4-Dichlorobenzene	2026/04/02		118	%	70 - 130
				1,1-Dichloroethane	2026/04/02		94	%	70 - 130
				1,2-Dichloroethane	2026/04/02		106	%	70 - 130
				1,1-Dichloroethylene	2026/04/02		94	%	70 - 130
				cis-1,2-Dichloroethylene	2026/04/02		104	%	70 - 130
				trans-1,2-Dichloroethylene	2026/04/02		99	%	70 - 130
				1,2-Dichloropropane	2026/04/02		106	%	70 - 130
				cis-1,3-Dichloropropene	2026/04/02		92	%	70 - 130
				trans-1,3-Dichloropropene	2026/04/02		99	%	70 - 130
				Ethylbenzene	2026/04/02		109	%	70 - 130
				Ethylene Dibromide	2026/04/02		111	%	70 - 130
				Methylene Chloride(Dichloromethane)	2026/04/02		93	%	70 - 130
				Styrene	2026/04/02		115	%	70 - 130
				1,1,2,2-Tetrachloroethane	2026/04/02		118	%	70 - 130
				Tetrachloroethylene	2026/04/02		104	%	70 - 130
				Toluene	2026/04/02		106	%	70 - 130
				1,1,1-Trichloroethane	2026/04/02		99	%	70 - 130
				1,1,2-Trichloroethane	2026/04/02		116	%	70 - 130
				Trichloroethylene	2026/04/02		105	%	70 - 130
				Trichlorofluoromethane (FREON 11)	2026/04/02		95	%	70 - 130
				Vinyl Chloride	2026/04/02		93	%	70 - 130
				p+m-Xylene	2026/04/02		108	%	70 - 130

Bureau Veritas - Partial/Rush Results



BUREAU VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A125796	MS4	Method Blank	o-Xylene	2026/04/02		119	%	70 - 130
			4-Bromofluorobenzene	2026/04/02		100	%	70 - 130
			D4-1,2-Dichloroethane	2026/04/02		105	%	70 - 130
			D8-Toluene	2026/04/02		97	%	70 - 130
			Acetone (2-Propanone)	2026/04/02	<10		ug/L	
			Benzene	2026/04/02	<0.20		ug/L	
			Bromodichloromethane	2026/04/02	<0.50		ug/L	
			Bromoform	2026/04/02	<1.0		ug/L	
			Bromomethane	2026/04/02	<0.50		ug/L	
			Carbon Tetrachloride	2026/04/02	<0.19		ug/L	
			Chlorobenzene	2026/04/02	<0.20		ug/L	
			Chloroethane	2026/04/02	<1.0		ug/L	
			Chloroform	2026/04/02	<0.20		ug/L	
			Chloromethane	2026/04/02	<5.0		ug/L	
			Dibromochloromethane	2026/04/02	<0.50		ug/L	
			1,2-Dichlorobenzene	2026/04/02	<0.40		ug/L	
			1,3-Dichlorobenzene	2026/04/02	<0.40		ug/L	
			1,4-Dichlorobenzene	2026/04/02	<0.40		ug/L	
			1,1-Dichloroethane	2026/04/02	<0.20		ug/L	
			1,2-Dichloroethane	2026/04/02	<0.49		ug/L	
			1,1-Dichloroethylene	2026/04/02	<0.20		ug/L	
			cis-1,2-Dichloroethylene	2026/04/02	<0.50		ug/L	
			trans-1,2-Dichloroethylene	2026/04/02	<0.50		ug/L	
			1,2-Dichloropropane	2026/04/02	<0.20		ug/L	
			cis-1,3-Dichloropropene	2026/04/02	<0.30		ug/L	
			trans-1,3-Dichloropropene	2026/04/02	<0.40		ug/L	
			Ethylbenzene	2026/04/02	<0.20		ug/L	
			Ethylene Dibromide	2026/04/02	<0.19		ug/L	
			Methylene Chloride(Dichloromethane)	2026/04/02	<2.0		ug/L	
			Styrene	2026/04/02	<0.40		ug/L	
			1,1,2,2-Tetrachloroethane	2026/04/02	<0.40		ug/L	
			Tetrachloroethylene	2026/04/02	<0.20		ug/L	
			Toluene	2026/04/02	<0.20		ug/L	
1,1,1-Trichloroethane	2026/04/02	<0.20		ug/L				
1,1,2-Trichloroethane	2026/04/02	<0.40		ug/L				
Trichloroethylene	2026/04/02	<0.20		ug/L				
Trichlorofluoromethane (FREON 11)	2026/04/02	<0.50		ug/L				
Vinyl Chloride	2026/04/02	<0.20		ug/L				
p+m-Xylene	2026/04/02	<0.20		ug/L				
o-Xylene	2026/04/02	<0.20		ug/L				
Total Xylenes	2026/04/02	<0.20		ug/L				
A125796	MS4	RPD	1,1-Dichloroethylene	2026/04/02	NC		%	30
			cis-1,2-Dichloroethylene	2026/04/02	NC		%	30
			trans-1,2-Dichloroethylene	2026/04/02	NC		%	30
			Tetrachloroethylene	2026/04/02	NC		%	30
			Trichloroethylene	2026/04/02	NC		%	30
A125817	HST	Matrix Spike [BBGY66-20]	Vinyl Chloride	2026/04/02	NC		%	30
			4-Bromofluorobenzene	2026/04/06		101	%	70 - 130
			D4-1,2-Dichloroethane	2026/04/06		100	%	70 - 130
			D8-Toluene	2026/04/06		100	%	70 - 130
			1,3,5-Trimethylbenzene	2026/04/06		109	%	60 - 140
A125817	HST	Spiked Blank	Methyl Butyl Ketone (2-Hexanone)	2026/04/06		92	%	60 - 140
			4-Bromofluorobenzene	2026/04/06		100	%	70 - 130

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A125817	HST	Method Blank	D4-1,2-Dichloroethane	2026/04/06		98	%	70 - 130
			D8-Toluene	2026/04/06		100	%	70 - 130
			1,3,5-Trimethylbenzene	2026/04/06		111	%	60 - 140
			Methyl Butyl Ketone (2-Hexanone)	2026/04/06		96	%	60 - 140
			4-Bromofluorobenzene	2026/04/06		96	%	70 - 130
			D4-1,2-Dichloroethane	2026/04/06		97	%	70 - 130
			D8-Toluene	2026/04/06		99	%	70 - 130
			1,3,5-Trimethylbenzene	2026/04/06	<0.20		ug/L	
A125817	HST	RPD [BBGY66-20]	Methyl Butyl Ketone (2-Hexanone)	2026/04/06	<5.0		ug/L	
			1,3,5-Trimethylbenzene	2026/04/06	NC		%	30
			Methyl Butyl Ketone (2-Hexanone)	2026/04/06	NC		%	30
A126212	RTY	Matrix Spike [BBGY66-13]	Total Kjeldahl Nitrogen (TKN)	2026/04/06		100	%	80 - 120
A126212	RTY	QC Standard	Total Kjeldahl Nitrogen (TKN)	2026/04/06		97	%	80 - 120
A126212	RTY	Spiked Blank	Total Kjeldahl Nitrogen (TKN)	2026/04/06		100	%	80 - 120
A126212	RTY	Method Blank	Total Kjeldahl Nitrogen (TKN)	2026/04/06	<0.10		mg/L	
A126212	RTY	RPD [BBGY66-13]	Total Kjeldahl Nitrogen (TKN)	2026/04/06	NC		%	20
A126373	AZ	Matrix Spike	1-Methylnaphthalene	2026/04/02		70	%	30 - 130
			2,4,6-Tribromophenol	2026/04/02		84	%	10 - 130
			2-Fluorobiphenyl	2026/04/02		66	%	30 - 130
			2-Methylnaphthalene	2026/04/02		81	%	30 - 130
			D14-Terphenyl (FS)	2026/04/02		79	%	30 - 130
			D5-Nitrobenzene	2026/04/02		38	%	30 - 130
			D8-Acenaphthylene	2026/04/02		73	%	30 - 130
			Fluorene	2026/04/02		82	%	30 - 130
			Naphthalene	2026/04/02		57	%	30 - 130
			Di-N-butyl phthalate	2026/04/02		96	%	30 - 130
			Bis(2-ethylhexyl)phthalate	2026/04/02		85	%	30 - 130
			Phenanthrene	2026/04/02		84	%	30 - 130
			Anthracene	2026/04/02		79	%	30 - 130
			Fluoranthene	2026/04/02		74	%	30 - 130
			Pyrene	2026/04/02		72	%	30 - 130
			Benzo(a)anthracene	2026/04/02		59	%	30 - 130
			Chrysene	2026/04/02		85	%	30 - 130
			Benzo(b/j)fluoranthene	2026/04/02		99	%	30 - 130
			Benzo(k)fluoranthene	2026/04/02		105	%	30 - 130
			Benzo(a)pyrene	2026/04/02		106	%	30 - 130
			Indeno(1,2,3-cd)pyrene	2026/04/02		115	%	30 - 130
			Dibenzo(a,h)anthracene	2026/04/02		97	%	30 - 130
			Benzo(g,h,i)perylene	2026/04/02		104	%	30 - 130
			Dibenzo(a,i)pyrene	2026/04/02		65	%	30 - 130
			Benzo(e)pyrene	2026/04/02		107	%	30 - 130
			Perylene	2026/04/02		77	%	30 - 130
			Dibenzo(a,j) acridine	2026/04/02		97	%	30 - 130
			7H-Dibenzo(c,g) Carbazole	2026/04/02		72	%	30 - 130
			1-Methylnaphthalene	2026/04/02		75	%	30 - 130
			2,4,6-Tribromophenol	2026/04/02		90	%	10 - 130
			2-Fluorobiphenyl	2026/04/02		67	%	30 - 130
			2-Methylnaphthalene	2026/04/02		85	%	30 - 130
			D14-Terphenyl (FS)	2026/04/02		72	%	30 - 130
D5-Nitrobenzene	2026/04/02		40	%	30 - 130			
D8-Acenaphthylene	2026/04/02		75	%	30 - 130			
Fluorene	2026/04/02		82	%	30 - 130			
Naphthalene	2026/04/02		60	%	30 - 130			

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				Di-N-butyl phthalate	2026/04/02		88	%	30 - 130
				Bis(2-ethylhexyl)phthalate	2026/04/02		72	%	30 - 130
				Phenanthrene	2026/04/02		79	%	30 - 130
				Anthracene	2026/04/02		75	%	30 - 130
				Fluoranthene	2026/04/02		67	%	30 - 130
				Pyrene	2026/04/02		66	%	30 - 130
				Benzo(a)anthracene	2026/04/02		54	%	30 - 130
				Chrysene	2026/04/02		77	%	30 - 130
				Benzo(b/j)fluoranthene	2026/04/02		90	%	30 - 130
				Benzo(k)fluoranthene	2026/04/02		77	%	30 - 130
				Benzo(a)pyrene	2026/04/02		93	%	30 - 130
				Indeno(1,2,3-cd)pyrene	2026/04/02		104	%	30 - 130
				Dibenzo(a,h)anthracene	2026/04/02		87	%	30 - 130
				Benzo(g,h,i)perylene	2026/04/02		94	%	30 - 130
				Dibenzo(a,i)pyrene	2026/04/02		77	%	30 - 130
				Benzo(e)pyrene	2026/04/02		94	%	30 - 130
				Perylene	2026/04/02		72	%	30 - 130
				Dibenzo(a,j) acridine	2026/04/02		91	%	30 - 130
				7H-Dibenzo(c,g) Carbazole	2026/04/02		65	%	30 - 130
A126373	AZ		Method Blank	1-Methylnaphthalene	2026/04/02	<0.3		ug/L	
				2,4,6-Tribromophenol	2026/04/02		76	%	10 - 130
				2-Fluorobiphenyl	2026/04/02		70	%	30 - 130
				2-Methylnaphthalene	2026/04/02	<0.3		ug/L	
				D14-Terphenyl (FS)	2026/04/02		89	%	30 - 130
				D5-Nitrobenzene	2026/04/02		43	%	30 - 130
				D8-Acenaphthylene	2026/04/02		82	%	30 - 130
				Fluorene	2026/04/02	<0.3		ug/L	
				Naphthalene	2026/04/02	<0.3		ug/L	
				Di-N-butyl phthalate	2026/04/02	<2		ug/L	
				Bis(2-ethylhexyl)phthalate	2026/04/02	<2		ug/L	
				Phenanthrene	2026/04/02	<0.2		ug/L	
				Anthracene	2026/04/02	<0.2		ug/L	
				Fluoranthene	2026/04/02	<0.2		ug/L	
				Pyrene	2026/04/02	<0.2		ug/L	
				Benzo(a)anthracene	2026/04/02	<0.2		ug/L	
				Chrysene	2026/04/02	<0.2		ug/L	
				Benzo(b/j)fluoranthene	2026/04/02	<0.2		ug/L	
				Benzo(k)fluoranthene	2026/04/02	<0.2		ug/L	
				Benzo(a)pyrene	2026/04/02	<0.2		ug/L	
				Indeno(1,2,3-cd)pyrene	2026/04/02	<0.2		ug/L	
				Dibenzo(a,h)anthracene	2026/04/02	<0.2		ug/L	
				Benzo(g,h,i)perylene	2026/04/02	<0.2		ug/L	
				Dibenzo(a,i)pyrene	2026/04/02	<0.2		ug/L	
				Benzo(e)pyrene	2026/04/02	<0.2		ug/L	
				Perylene	2026/04/02	<0.2		ug/L	
				Dibenzo(a,j) acridine	2026/04/02	<0.4		ug/L	
				7H-Dibenzo(c,g) Carbazole	2026/04/02	<0.4		ug/L	
A126373	AZ		RPD	Di-N-butyl phthalate	2026/04/02	NC		%	40
				Bis(2-ethylhexyl)phthalate	2026/04/02	NC		%	40
				Phenanthrene	2026/04/02	NC		%	40
				Anthracene	2026/04/02	NC		%	40
				Fluoranthene	2026/04/02	NC		%	40
				Pyrene	2026/04/02	NC		%	40

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				Benzo(a)anthracene	2026/04/02	NC		%	40
				Chrysene	2026/04/02	NC		%	40
				Benzo(b/j)fluoranthene	2026/04/02	NC		%	40
				Benzo(k)fluoranthene	2026/04/02	NC		%	40
				Benzo(a)pyrene	2026/04/02	NC		%	40
				Indeno(1,2,3-cd)pyrene	2026/04/02	NC		%	40
				Dibenzo(a,h)anthracene	2026/04/02	NC		%	40
				Benzo(g,h,i)perylene	2026/04/02	NC		%	40
				Dibenzo(a,i)pyrene	2026/04/02	NC		%	40
				Benzo(e)pyrene	2026/04/02	NC		%	40
				Perylene	2026/04/02	NC		%	40
				Dibenzo(a,j) acridine	2026/04/02	NC		%	40
				7H-Dibenzo(c,g) Carbazole	2026/04/02	NC		%	40
A126445	HH		Spiked Blank	pH	2026/04/02		101	%	98 - 103
A126445	HH		RPD [BBGY66-01]	pH	2026/04/02	0.46		%	N/A
A126730	CXU		Spiked Blank	D10-N-nitrosodiethylamine	2026/04/06		69	%	10 - 150
				D14-N-Nitrosodi-n-propylamine	2026/04/06		71	%	10 - 150
				D6-N-Nitrosodimethylamine	2026/04/06		30	%	10 - 80
				D8-N-Nitrosomorpholine	2026/04/06		55	%	10 - 150
				N-Nitrosodimethylamine	2026/04/06		110	%	65 - 135
A126730	CXU		RPD	N-Nitrosodimethylamine	2026/04/06	1.7		%	25
A126730	CXU		Method Blank	D10-N-nitrosodiethylamine	2026/04/06		80	%	10 - 150
				D14-N-Nitrosodi-n-propylamine	2026/04/06		87	%	10 - 150
				D6-N-Nitrosodimethylamine	2026/04/06		36	%	10 - 80
				D8-N-Nitrosomorpholine	2026/04/06		61	%	10 - 150
				N-Nitrosodimethylamine	2026/04/06	<2.00		ng/L	
A126842	AFZ		Matrix Spike	Total Aluminum (Al)	2026/04/02		98	%	80 - 120
				Total Antimony (Sb)	2026/04/02		105	%	80 - 120
				Total Arsenic (As)	2026/04/02		103	%	80 - 120
				Total Bismuth (Bi)	2026/04/02		103	%	80 - 120
				Total Boron (B)	2026/04/02		98	%	80 - 120
				Total Cadmium (Cd)	2026/04/02		103	%	80 - 120
				Total Chromium (Cr)	2026/04/02		98	%	80 - 120
				Total Cobalt (Co)	2026/04/02		99	%	80 - 120
				Total Copper (Cu)	2026/04/02		99	%	80 - 120
				Total Lead (Pb)	2026/04/02		104	%	80 - 120
				Total Manganese (Mn)	2026/04/02		100	%	80 - 120
				Total Molybdenum (Mo)	2026/04/02		100	%	80 - 120
				Total Nickel (Ni)	2026/04/02		99	%	80 - 120
				Total Phosphorus (P)	2026/04/02		105	%	80 - 120
				Total Selenium (Se)	2026/04/02		103	%	80 - 120
				Total Silver (Ag)	2026/04/02		100	%	80 - 120
				Total Tin (Sn)	2026/04/02		102	%	80 - 120
				Total Titanium (Ti)	2026/04/02		96	%	80 - 120
				Total Vanadium (V)	2026/04/02		99	%	80 - 120
				Total Zinc (Zn)	2026/04/02		105	%	80 - 120
A126842	AFZ		Spiked Blank	Total Aluminum (Al)	2026/04/02		97	%	80 - 120
				Total Antimony (Sb)	2026/04/02		106	%	80 - 120
				Total Arsenic (As)	2026/04/02		103	%	80 - 120
				Total Bismuth (Bi)	2026/04/02		104	%	80 - 120
				Total Boron (B)	2026/04/02		96	%	80 - 120
				Total Cadmium (Cd)	2026/04/02		105	%	80 - 120
				Total Chromium (Cr)	2026/04/02		98	%	80 - 120

Bureau Veritas - Partial/Rush Results



BUREAU VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Cobalt (Co)	2026/04/02		99	%	80 - 120
			Total Copper (Cu)	2026/04/02		99	%	80 - 120
			Total Lead (Pb)	2026/04/02		105	%	80 - 120
			Total Manganese (Mn)	2026/04/02		100	%	80 - 120
			Total Molybdenum (Mo)	2026/04/02		102	%	80 - 120
			Total Nickel (Ni)	2026/04/02		98	%	80 - 120
			Total Phosphorus (P)	2026/04/02		98	%	80 - 120
			Total Selenium (Se)	2026/04/02		102	%	80 - 120
			Total Silver (Ag)	2026/04/02		101	%	80 - 120
			Total Tin (Sn)	2026/04/02		103	%	80 - 120
			Total Titanium (Ti)	2026/04/02		94	%	80 - 120
			Total Vanadium (V)	2026/04/02		99	%	80 - 120
			Total Zinc (Zn)	2026/04/02		106	%	80 - 120
A126842	AFZ	Method Blank	Total Aluminum (Al)	2026/04/02	<4.9		ug/L	
			Total Antimony (Sb)	2026/04/02	<0.50		ug/L	
			Total Arsenic (As)	2026/04/02	<1.0		ug/L	
			Total Bismuth (Bi)	2026/04/02	<1.0		ug/L	
			Total Boron (B)	2026/04/02	<10		ug/L	
			Total Cadmium (Cd)	2026/04/02	<0.090		ug/L	
			Total Chromium (Cr)	2026/04/02	<5.0		ug/L	
			Total Cobalt (Co)	2026/04/02	<0.50		ug/L	
			Total Copper (Cu)	2026/04/02	<0.90		ug/L	
			Total Lead (Pb)	2026/04/02	<0.50		ug/L	
			Total Manganese (Mn)	2026/04/02	<2.0		ug/L	
			Total Molybdenum (Mo)	2026/04/02	<0.50		ug/L	
			Total Nickel (Ni)	2026/04/02	<1.0		ug/L	
			Total Phosphorus (P)	2026/04/02	<100		ug/L	
			Total Selenium (Se)	2026/04/02	<2.0		ug/L	
			Total Silver (Ag)	2026/04/02	<0.090		ug/L	
			Total Tin (Sn)	2026/04/02	<1.0		ug/L	
			Total Titanium (Ti)	2026/04/02	<5.0		ug/L	
			Total Vanadium (V)	2026/04/02	<0.50		ug/L	
			Total Zinc (Zn)	2026/04/02	<5.0		ug/L	
A126842	AFZ	RPD	Total Arsenic (As)	2026/04/02	NC		%	20
			Total Cadmium (Cd)	2026/04/02	NC		%	20
			Total Chromium (Cr)	2026/04/02	NC		%	20
			Total Copper (Cu)	2026/04/02	NC		%	20
			Total Lead (Pb)	2026/04/02	NC		%	20
			Total Manganese (Mn)	2026/04/02	NC		%	20
			Total Nickel (Ni)	2026/04/02	NC		%	20
			Total Phosphorus (P)	2026/04/02	NC		%	20
			Total Selenium (Se)	2026/04/02	NC		%	20
			Total Silver (Ag)	2026/04/02	NC		%	20
			Total Zinc (Zn)	2026/04/02	NC		%	20
A126895	TTE	Spiked Blank	Total Suspended Solids	2026/04/07		96	%	80 - 120
A126895	TTE	Method Blank	Total Suspended Solids	2026/04/07	<10		mg/L	
A126895	TTE	RPD [BBGY67-02]	Total Suspended Solids	2026/04/07	NC		%	20
A127253	MA	Matrix Spike [BBGY66-08]	2,4,6-Tribromophenol	2026/04/06		50	%	10 - 130
			2-Fluorobiphenyl	2026/04/06		48	%	30 - 130
			2-Fluorophenol	2026/04/06		17	%	10 - 130
			D14-Terphenyl	2026/04/06		60	%	30 - 130
			D5-Nitrobenzene	2026/04/06		42	%	30 - 130
			D5-Phenol	2026/04/06		12	%	10 - 130

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				2,4-Dichlorophenol	2026/04/06		44	%	10 - 130
				Benzyl butyl phthalate	2026/04/06		56	%	30 - 130
				Bis(2-chloroethoxy)methane	2026/04/06		45	%	30 - 130
				di-n-octyl phthalate	2026/04/06		55	%	30 - 130
				Diethyl phthalate	2026/04/06		49	%	30 - 130
				Indole	2026/04/06		33	%	30 - 130
A127253	MA		Spiked Blank	2,4,6-Tribromophenol	2026/04/06		82	%	10 - 130
				2-Fluorobiphenyl	2026/04/06		67	%	30 - 130
				2-Fluorophenol	2026/04/06		31	%	10 - 130
				D14-Terphenyl	2026/04/06		88	%	30 - 130
				D5-Nitrobenzene	2026/04/06		70	%	30 - 130
				D5-Phenol	2026/04/06		23	%	10 - 130
				2,4-Dichlorophenol	2026/04/06		81	%	10 - 130
				Benzyl butyl phthalate	2026/04/06		89	%	30 - 130
				Bis(2-chloroethoxy)methane	2026/04/06		80	%	30 - 130
				di-n-octyl phthalate	2026/04/06		91	%	30 - 130
				Diethyl phthalate	2026/04/06		89	%	30 - 130
				Indole	2026/04/06		59	%	30 - 130
A127253	MA		Method Blank	2,4,6-Tribromophenol	2026/04/06		48	%	10 - 130
				2-Fluorobiphenyl	2026/04/06		68	%	30 - 130
				2-Fluorophenol	2026/04/06		21	%	10 - 130
				D14-Terphenyl	2026/04/06		92	%	30 - 130
				D5-Nitrobenzene	2026/04/06		66	%	30 - 130
				D5-Phenol	2026/04/06		18	%	10 - 130
				2,4-Dichlorophenol	2026/04/06	<0.30		ug/L	
				Benzyl butyl phthalate	2026/04/06	<0.50		ug/L	
				Bis(2-chloroethoxy)methane	2026/04/06	<0.50		ug/L	
				di-n-octyl phthalate	2026/04/06	<0.80		ug/L	
				Diethyl phthalate	2026/04/06	<1.0		ug/L	
				Indole	2026/04/06	<1.0		ug/L	
A127274	NGI		Matrix Spike	Fluoride (F-)	2026/04/06		102	%	75 - 125
A127274	NGI		Spiked Blank	Fluoride (F-)	2026/04/06		102	%	75 - 125
A127274	NGI		Method Blank	Fluoride (F-)	2026/04/06	<0.10		mg/L	
A127274	NGI		RPD	Fluoride (F-)	2026/04/06	3.8		%	20
A127341	MHU		Matrix Spike	Nonylphenol (Total)	2026/04/06		104	%	50 - 130
A127341	MHU		Spiked Blank	Nonylphenol (Total)	2026/04/05		98	%	50 - 130
A127341	MHU		Method Blank	Nonylphenol (Total)	2026/04/05	<0.001		mg/L	
A127341	MHU		RPD	Nonylphenol (Total)	2026/04/05	NC		%	40
A127343	MHU		Matrix Spike	Nonylphenol Ethoxylate (Total)	2026/04/06		93	%	50 - 130
A127343	MHU		Spiked Blank	Nonylphenol Ethoxylate (Total)	2026/04/05		97	%	50 - 130
A127343	MHU		Method Blank	Nonylphenol Ethoxylate (Total)	2026/04/05	<0.025		mg/L	
A127343	MHU		RPD [BBGY66-06]	Nonylphenol Ethoxylate (Total)	2026/04/06	NC		%	40
A127760	SSV		Matrix Spike	Phenols-4AAP	2026/04/06		97	%	80 - 120
A127760	SSV		Spiked Blank	Phenols-4AAP	2026/04/06		97	%	80 - 120
A127760	SSV		Method Blank	Phenols-4AAP	2026/04/06	<0.0010		mg/L	
A127760	SSV		RPD	Phenols-4AAP	2026/04/06	2.4		%	20
A127954	JHV		Spiked Blank	Total Oil & Grease	2026/04/06		99	%	80 - 110
A127954	JHV		RPD	Total Oil & Grease	2026/04/06	0.76		%	25
A127954	JHV		Method Blank	Total Oil & Grease	2026/04/06	<0.50		mg/L	
A127958	JHV		Spiked Blank	Total Oil & Grease Mineral/Synthetic	2026/04/06		97	%	65 - 130
A127958	JHV		RPD	Total Oil & Grease Mineral/Synthetic	2026/04/06	0.52		%	25
A127958	JHV		Method Blank	Total Oil & Grease Mineral/Synthetic	2026/04/06	<0.50		mg/L	
A128033	MJ1		Matrix Spike	Dissolved Sulphate (SO4)	2026/04/07		NC	%	75 - 125

Bureau Veritas - Partial/Rush Results



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A128033	MJ1	Spiked Blank	Dissolved Sulphate (SO4)	2026/04/07		101	%	80 - 120
A128033	MJ1	Method Blank	Dissolved Sulphate (SO4)	2026/04/07	<1.0		mg/L	
A128033	MJ1	RPD	Dissolved Sulphate (SO4)	2026/04/07	1.1		%	20
A128889	LPG	Matrix Spike [BBGY66-10]	2,4,5,6-Tetrachloro-m-xylene	2026/04/09		88	%	50 - 130
			Decachlorobiphenyl	2026/04/09		128	%	50 - 130
			Hexachlorobenzene	2026/04/09		92	%	50 - 130
A128889	LPG	Spiked Blank	2,4,5,6-Tetrachloro-m-xylene	2026/04/09		80	%	50 - 130
			Decachlorobiphenyl	2026/04/09		123	%	50 - 130
			Hexachlorobenzene	2026/04/09		85	%	50 - 130
A128889	LPG	RPD	Hexachlorobenzene	2026/04/09	0.58		%	30
			Hexachlorobenzene	2026/04/09	NC		%	30
A128889	LPG	Method Blank	2,4,5,6-Tetrachloro-m-xylene	2026/04/09		75	%	50 - 130
			Decachlorobiphenyl	2026/04/09		120	%	50 - 130
			Hexachlorobenzene	2026/04/09	<0.005		ug/L	
A131720	JOD	Spiked Blank	Azobenzene	2026/04/10		99	%	50 - 130
			D10-Anthracene	2026/04/10		128	%	50 - 130
			D12-Benzo(a)pyrene	2026/04/10		137 (1)	%	50 - 130
			D5-Nitrobenzene	2026/04/10		95	%	50 - 130
A131720	JOD	Method Blank	Azobenzene	2026/04/10	<1.0		ug/L	
			D10-Anthracene	2026/04/10		102	%	50 - 130
			D12-Benzo(a)pyrene	2026/04/10		133 (1)	%	50 - 130
			D5-Nitrobenzene	2026/04/10		97	%	50 - 130

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas - Partial/Rush Results



BUREAU  
VERITAS

Bureau Veritas Job #: C632929  
Report Date: 2026/04/13

Terrapex Environmental Ltd  
Client Project #: CO680.02  
Site Location: ELMWOOD SCHOOL  
Sampler Initials: GDJ

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

*Cristina Carriere*

\_\_\_\_\_  
Cristina Carriere, Senior Scientific Specialist

*Alena Shulinskaya*

OCQ #2562-070

\_\_\_\_\_  
Alena Shulinskaya, Analyst 1

*Louise A Harding*

\_\_\_\_\_  
Louise Harding, Scientific Specialist

*M Di Grazia*

\_\_\_\_\_  
Melissa DiGrazia, Operations Manager, HRMS Department

\_\_\_\_\_  
Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

Bureau Veritas - Partial/Rush Results

C632929  
2026/03/30 14:19

Bureau Veritas  
36 Antares Dr. Unit

**RUSH PREP**

800-563-6266 Fax: (613) 274-0574 www.bvna.com

Received in Ottawa

CHAIN OF CUSTODY RECORD

Page 1 of 1

Invoice To:		Report To:		PROJECT INFORMATION:		Laboratory Use Only:	
Company: #12638 Terrapex Environmental Ltd	Company: Terrapex	Quotation #: C54721	Bureau Veritas Job #:	Attention: Keith Brown	P.O. #:	Bottle Order #:	
Address: 1-20 Gurdwara Rd. Ottawa ON K2E 8B3	Address: 1-20 Gurdwara RD Ottawa ON	Project: CO680.02	1097877	Tel: (613) 745-6471	Project Name: Elmwood School	COC #:	Project Manager:
Email: accounts.payable@terrapex.com	Email: k.brown@terrapex.com, EDD@terrapex.com	Site #: GDS	Katherine Szozda	Fax: (613) 745-0796	Sampled By: GDS	C#1097877-02-01	

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY					ANALYSIS REQUESTED (PLEASE BE SPECIFIC)		Turnaround Time (TAT) Required: Please provide advance notice for rush projects	
Regulation 153 (2011)			Other Regulations		Special Instructions		Regular (Standard) TAT: (will be applied if Rush TAT is not specified)	
<input type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input type="checkbox"/> Medium/Fine	<input type="checkbox"/> CCME	<input checked="" type="checkbox"/> Sanitary Sewer Bylaw		Field Filtered (please circle): Metals / Hg / Cr VI  Municipal Sanitary Sewer Bylaw (2005- 06)  Metal, TSS, turbidity	<input checked="" type="checkbox"/> Standard TAT = 5-7 Working days for most tests.	<input checked="" type="checkbox"/> Job Specific Rush TAT (if applies to entire submission) Date Required: _____ Time Required: _____ Rush Confirmation Number: _____ (call for #)
<input type="checkbox"/> Table 2	<input type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> Reg 558	<input checked="" type="checkbox"/> Storm Sewer Bylaw			Please note Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.	
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other	<input type="checkbox"/> For RSC	<input type="checkbox"/> MISA	Municipality: _____				
<input type="checkbox"/> Table 4			<input type="checkbox"/> PWOO	<input type="checkbox"/> Reg 406 Table				
<input type="checkbox"/> Table 5			<input type="checkbox"/> Other					
Include Criteria on Certificate of Analysis (Y/N)?								
Sample Reference Label	Sample Location/Identification	Date Sampled	Time Sampled	Matrix	Field Filtered (please circle)	Analysis Requested	# of Bottles	Comments
	MW 204	27/03/2026	12:00	GW	Y		29	Metals NOT Field Filtered only Mercury
	MW 204	27/03/2026	12:00	GW	Y		3	Metal Field Filtered

**BOD**



OTT-2026-03-185

Relinquished By (Print): Gabriel Badiu-Joly	Date: 2026/03/30	Time: 13:00	RECEIVED BY (Signature/Print): Pedro da Silva	Date: 2026/03/30	Time: 14:19	# jars used and not submitted	Laboratory Use Only
							Time Sensitive: _____ Temperature (°C) on Recd: 21.3/14 3/6/6/15 Custody Seal: Present Intact Y/N: Yes No <input checked="" type="checkbox"/>

\* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/COC-TERMS-AND-CONDITIONS.

\*\* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

\*\* SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/CHAIN-CUSTODY-FORMS-COCS.

White: Bureau Veritas Yellow: Client

SAMPLES MUST BE KEPT COOL (< 10° C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS.