



TOWNSHIP OF MELANCTHON ELECTRONIC MEETING THURSDAY, APRIL 6TH, 2023 - 5:00 P.M.

Council meetings are recorded and will be available on the Township website under Quick Links – Council Agendas and Minutes within 5 business days of the Council meeting.

Join Zoom Meeting

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Meeting ID: 854 5000 7639

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Meeting ID: 854 5000 7639

Passcode: 732535

AGENDA

- 1. Call to Order**
- 2. Land Acknowledgement Statement**

We will begin the meeting by sharing the Land Acknowledgement Statement:

We would like to begin by acknowledging that Melancthon Township recognizes the ancestral lands and treaty territories of the Tionontati (Petun/Wyandot(te)), Haudenosaunee (Six Nations), and Anishinaabe Peoples. The Township of Melancthon resides within the lands named under the Haldimand Deed of 1784 and the Lake Simcoe-Nottawasaga Treaty (Treaty 18).

These territories upon which we live and learn, are steeped in rich Indigenous history and traditions. It is with this statement that we declare to honour and respect the past and present connection of Indigenous peoples with this land, its waterways and resources.

- 3. Announcements**
- 4. Additions/Deletions/Approval of Agenda**
- 5. Declaration of Pecuniary Interest and the General Nature Thereof**

- 6. Approval of Draft Minutes – March 16th, 2023**
- 7. Business Arising from Minutes**
- 8. Point of Privilege or Personal Privilege**
- 9. Public Question Period** (Please visit our website under Agendas and Minutes for information on Public Question Period)
- 10. Public Works**
 1. Accounts
 2. Roads Sub-Committee Recommendations from March 20th, 2023, Meeting
 3. Email from Irvin Bauman, A260 Inc Regarding Haul Route for Building Supplies
 4. Discussion regarding the purchase of a used grader (Deputy Mayor McLean)
 5. Other
- 11. Planning**
 1. Applications to Permit
 2. Other
- 12. Strategic Plan**
- 13. Climate Change Initiatives**
- 14. Police Services Board**
- 15. Committee/Board Reports & Recommendations**
- 16. Correspondence**

Board, Committee & Working Group Minutes

1. Centre Dufferin Recreation Complex Board of Management – January 25th, 2023
2. Joint Council Meeting for Mulmur Township and Melancthon Township – February 16th, 2023
3. Roads Sub-Committee Meeting – March 1st, 2023

Items for Information Purposes

1. 2022 Annual Report – Strada Shelburne Pits
2. Annamaria Cross, Director Environmental Assessment Modernization Branch, Ministry of the Environment, Conservation and Parks – Action to Streamline and Modernize of Environmental Assessment
3. Ontario Land Tribunal – Appeal regarding Implement the 2021 Growth Management Strategy and Additional Housekeeping Changes, County of Grey
4. Township of Amaranth Motion Regarding County Planning Services
5. Township of Southgate Letter to the Members of the Upper Grand Watershed Committee Regarding Discontinuation of Participation in the Upper Grand Watershed Committee
6. Nottawasaga Valley Conservation Authority Media Release - Annual Spring Tonic Maple Syrup Festival
7. County of Dufferin Motion Regarding Highway 10 Traffic and Road Study
8. Municipality of Calvin Motion Regarding the Announcement in the Media about the English Public Scholl Boards Association Asking for the End of the Moratorium on Most Pupil Accommodation Reviews

9. Ilona Feldman, Source Protection Program Assistant response to letter from Harvey Lyon on the Source Water Protection Plan Updates
10. RJ Burnside and Associates - Notice of Site Meeting and Information Meeting – April 14, 2023 at 10:00 a.m. at the Township Office for Schill Drainage Work
11. County of Dufferin – Notice of Public Meeting for Municipal Comprehensive Review Phase 1 – Growth Management – April 13th, 2023 at 6:00p.m.
12. Town of Essex – Motion regarding the Reinstatement of Legislation Permitting a Municipality to Retain Surplus Proceeds from Tax Sales
13. Grand River Conservation Authority – Update on GRCA Programs and Services – Ontario Regulation 596/22
14. Comments from Ken Fryer regarding the Strada/NDACT Public Meeting

17. General Business

1. Accounts
2. Notice of Intent to Pass By-law
 1. By-law to Provide Remuneration, Allowances and Expenses for Members of Council
3. New/Other Business/Additions
 1. Shelburne Public Library - 2023 Library Board Agreement
 2. Township of Melancthon Recreation Committee – Discussion and Direction due to lack of applications received
 3. Other
4. Unfinished Business

18. Delegations

1. 5:30 p.m. – Ardith Dunlop and Anthony Gagliardi, Shepherd’s Cupboard Foodbank – Information Regarding Current Needs of the Foodbank
2. 5:40 p.m. – James Hunter, Innovative Planning Solutions – Duivenvoorden Haulage Ltd. - Storing Vehicles Temporarily for Honda Canada Manufacturing

19. Third Reading of By-laws

20. Notice of Motion

21. Confirmation By-law

22. Adjournment and Date of Next Meeting – Thursday, April 20th, 2023 - 5:00 p.m.

23. On Sites

24. Correspondence on File at the Clerk’s Office



The Corporation of
THE TOWNSHIP OF MELANCTHON
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CORPORATION OF THE TOWNSHIP OF MELANCTHON

MEMORANDUM

TO: MAYOR WHITE AND MEMBERS OF COUNCIL

FROM: KAITLIN CHESSELL, SECRETARY ROADS SUB-COMMITTEE

**SUBJECT: RECOMMENDATION FROM ROADS SUB-COMMITTEE MEETING
HELD MARCH 20TH, 2023**

DATE: MARCH 20, 2023

8.2 General Business; Formal Request from the Township of Southgate to Purchase 200 metres of Unopened Road Allowance at the Corner of Lot 241 and King's Highway 10

The Roads Sub-Committee discussed the formal request received from the Township of Southgate to purchase 200 metres of the unopened road allowance at the corner of Lot 241 and Highway 10. At the March 1st, 2023, Roads Sub-Committee Meeting Southgate Staff booked a delegation to speak to the Committee about and the purchase of this section of unopened road allowance and the Committee was asked to send over a formal request. The formal request from Southgate is attached.

Recommendation:

The Roads Sub-Committee recommends to Council that we proceed with the process of selling the land requested above to the Township of Southgate.

Kaitlin Chessell

From: [REDACTED]
Sent: Wednesday, March 22, 2023 4:02 PM
To: Kaitlin Chessell; [REDACTED]
Cc: Denise Holmes
Subject: RE: Haul Route for Supplies for Building Permits

Hi Kaitlin,

As per our phone conversation yesterday the main concern I believe is the new pavement in Corbetton. Cement trucks and Materials from Strada will be the biggest challenge to find a different route as that would have been the preferred route to get off of Hwy 10 to the construction site. During construction last year we had cement trucks coming from Orangeville and from Flesherton so we need to have a suitable plan for North or South of Corbetton off of Hwy 10. I am concerned if a detour has to be taken that is further or if trucks have to drive on poorly maintained roads as we are already far from ready-mix plants and I don't want an extra surcharge with already abnormal high construction expenses.

The current plan is to wait until after half load season to do any concrete work but we might bring in some supplies or do some excavating before that. For the building materials other than cement I don't think avoiding Corbetton will be much of a problem.

The barn is the biggest project and we don't expect to do that until mid to late summer.

Here are a couple of questions I have:

- What are your suggested detour routes for traffic off of Hwy 10 that might work for all parties?
- Is there still concern based on road conditions with heavy traffic going through Corbetton July, Aug, Sept ?
- Would it be a concern based on road conditions to have empty trucks going through Corbetton any time of the year?

I hope that you realize that I might not be in control of every truck driver.

In the meantime I will try my best to not have heavy construction traffic come through Corbetton.

Looking forward to hearing off a solution.

Thanks,

Irvin Bauman

IVN Mfg Inc.
[REDACTED]

From: Kaitlin Chessell [mailto:kchessell@melancthontownship.ca]

Sent: March 20, 2023 12:10 PM

To: [REDACTED]

Cc: Denise Holmes <dholmes@melancthontownship.ca>

Subject: Haul Route for Supplies for Building Permits

Good Afternoon,

At last Thursday's Council Meeting, concerns were raised by Council regarding the haul route being used to bring in supplies for all the buildings that are currently being applied for. Can you please advise the plan for bringing in supplies and the haul route that is intended to be used.

Thank you.

Kaitlin Chessell



Kaitlin Chessell | Administration and Finance Assistant | Township of Melancthon |

kchessell@melancthontownship.ca | PH: 519-925-5525 ext 103 | FX: 519-925-1110 |

www.melancthontownship.ca | **Effective April 11, 2023, the Administration Office will be open to the public Monday to Friday from 8:30 a.m. to 12:00 p.m. and 1:00 p.m. to 4:30 p.m. There will be no public access between 12:00 p.m. to 1:00 p.m. as the Office will be closed.**

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**APPLICATIONS TO PERMIT FOR APPROVAL
April 6, 2023 COUNCIL MEETING**

PROPERTY OWNER	PROPERTY DESCRIPTION	SIZE OF BUILDING	TYPE OF STRUCTURE	USE OF BUILDING	DOLLAR VALUE	D.C.'s	COMMENTS
Dundalk Metals Inc -Reuben Bauman Applicant: Simon Martin - Mar-Bros Construction	783101 County Road 9 Part Lot 32, Con 3 NE	172.24 m2 (1854 sqft)	Single Family Dwelling	Dwelling	\$350,000		NO - existing dwelling which will be removed once new one is completed With planner for review
Dundalk Metals Inc -Reuben Bauman Applicant: Simon Martin - Mar-Bros Construction	783101 County Road 9 Part Lot 32, Con 3 NE	418 m2 (4499 sqft)	On-Farm Shop	Workshop	\$500,000	YES	With planner for review
Amanda & Jeff McKeown Applicant: Parker Bowie - Keogh Construction	436114 4th Line OS Pt Lot 2, Con 4 OS	81.74 m2 (879.84 sqft)	Dwelling Addition	Dwelling	\$150,000	NO	Approved
Amsey Bauman Applicant: Aaron Bauman	116116 2nd Line SW Pt Lot 302, Con 2 SW	Notice of Change Application	Cattle Barn	Cattle Barn		NO	Approved

CENTRE DUFFERIN RECREATION COMPLEX

BOARD OF MANAGEMENT

Minutes of the Regular meeting held January 25, 2023 via ZOOM

Attendance:	Shane Hall	Shelburne
	Dan Sample	Shelburne
	Chris Gerrits	Amaranth
	Andrew Stirk	Amaranth
	Melinda Davie	Mono
	Darren White	Melancthon
	Ralph Moore	Melancthon
	Kim Fraser	Facility Administration Manager
	Marty Lamers	Facility Maintenance Manager
	Emily Francis	Recreation Program Coordinator

Meeting called to order by Facility Administration Manager, Kim Fraser at 6:30pm.
A quorum was present.

Kim Fraser welcomes all board members.

Elections:

The floor is opened to nominations for Board Chair

Chairman: Moved by C. Gerrits, seconded by D. White to nominate Melinda Davie for CDRC Board Chair. Carried

Melinda Davie accepts nomination.

Hearing no further nominations:

Moved by M. Davie, seconded by D. Sample to close nominations for CDRC Board Chair. Carried

Melinda Davie accepts the position of CDRC Board Chair

Chair, M. Davie assumes chair of the meeting. M. Davie thanks the members and continues with the meeting.

The floor is opened to nominations for Vice-Chair.

Vice-Chair: Moved by S. Hall, seconded by C. Gerrits to nominate Darren White for CDRC Board Vice-Chair. Carried

Darren White accepts nomination.

Hearing no further nominations:

Moved by D. Sample, seconded by C. Gerrits to close nominations for CDRC Board Vice-Chair. Carried

Darren White accepts the position of CDRC Board Vice-Chair

Committees for 2023:

The sub-committee schedule was presented. After review and discussion, the Board requested terms of reference of each committee for the next meeting.

Land Acknowledgement:

Board Chair, Melinda Davie read the land acknowledgement.

Declaration of Pecuniary Interests:

Board Chair, Melinda Davie stated that if any member of the board had a disclosure of pecuniary interest that they could declare the nature thereof now or at any time during the meeting.

Agenda:

MOTION #1 – Moved by C. Gerrits seconded by A. Stirk. Be it resolved we approve the agenda dated January 25, 2023 as circulated and presented. Carried

Discussion & Approval of Minutes of Previous Meeting November 3, 2022:

MOTION #2 – Moved by C. Gerrits seconded by S. Hall. That the minutes of the CDRC Board of Management regular board meeting held virtually on November 3, 2022 be approved as circulated and presented. Carried

Correspondence:

- Emails from Melancthon, Amaranth, Mono and Shelburne to appoint CDRC Board members
- Request from County of Dufferin to engage CDRC patrons regarding a Corporate Strategic Plan

MOTION #3 – Moved by A. Stirk seconded by S. Hall. That correspondence is received and placed on file. Carried

Financial Report:

After review of the CDRC financial reports and accounts, the following motion was presented.

MOTION #4 – Moved by D. Sample seconded by D. White. That the CDRC Board of Management receive the financial reports and paid accounts in the amount of \$309,540.87, as presented by the Facility Administration Manager. Carried

Human Resource – Job Placement Interviews:

After acceptance of employment offers the following candidates were hired.

MOTION #5 - Moved by C. Gerrits seconded by D. White. Be it resolved that the CDRC of Management hires the following for the 2022-2023 seasonal contract positions:

- Operator-Maintenance Attendant: Megan Goulding
- Maintenance Attendant (Youth): Hailey Copeland Burchell Carried

Facility Administration Manager and Recreation Program Coordinator Reports:

See Schedule A

See Schedule B

MOTION #6 – Moved by S. Hall seconded by D. White. That we receive the reports from the Facility Administration Manager and the Recreation Program Coordinator.

Carried

Facility Maintenance Manager’s Report:

See Schedule C

MOTION #7 Moved by C. Gerrits seconded by D. Sample. That we receive the report from the Facility Maintenance Manager.

Carried

New Business:

Extension of Ice Rental Season:

On January 16th Skate Canada Shelburne (SCS) requested consideration to extend the ice season one week to April 9th to host a “Bring on the Fun” (BOTF) event. As well as the daily cost to keep the ice in with no rentals for five days, the CDRC already has mid-April floor schedule commitments. After discussion the Board supports to not extend the ice season.

Arena Floor Rental Request:

Received a July arena floor rental request that will conflict with the CDRC Day Camp program. Staff will work with inquiry to try and reach an amicable and successful outcome. After discussion the board supports to decline the rental, if needed so that it will not interfere with the CDRC program.

Change of CDRC Bank Authorities:

MOTION #8 – Moved by D. Sample seconded by C. Gerrits. Be it resolved that the signing authorities for all CDRC bank accounts be Administration Manager-Kim Fraser; Board Chair-Melinda Davie and Vice-Chair-Darren White; and further that previous signing authorities C. Gerrits and Lindsay Wegener be removed.

Carried

CDRC 2023 Board Meetings:

The CDRC regular Board Meetings will continue to be scheduled the fourth Wednesday of the month.

February 22, 2023	March 22, 2023	April 26, 2023	May 24, 2023
June 28, 2023	July 26, 2023	August 23, 2023	September 27, 2023
October 25, 2023	November 22, 2023		

Confirmation by By-law:

MOTION #9 – Moved by C. Gerrits seconded by D. White. Be it resolved that leave be given for the reading and enacting of by-law #01-2023 being a by-law to confirm certain proceedings of the CDRC Board of Management for its regular board meeting held January 25, 2023. Carried

Adjournment:

MOTION #10- Moved by D. Sample seconded by D. White. That we now adjourn at pm to meet again on February 22, 2023 at 6:30pm. Carried

Secretary - Treasurer

Chairperson

Dated

SCHEDULE 'A'

Facility Administration Managers Report – January 25, 2023

General Information:

- Continual day-to-day administrative duties that include phone calls and walk-in inquiries, invoicing and collections, payables and disbursements, rental contracts, bookings, monitoring the rental schedule and payroll administration.
- Working at closing 2022 financial year end. Reconciling year end reports to HST, source deductions, 2022 t-4's, OMERS, WSIB, etc and preparing 2023 budget info.
- 2023 Canada Summer Job application completed and submitted through the GCOS (Grants and Contributions Online Services) account on January 12th
- Ongoing, receiving and responding to numerous and various facility rental booking requests.
- Fielding numerous rink board and sign advertising inquiries and sponsorship opportunities.
- Working on CDRC Spring/Summer 2023 Recreation Guide with Emily

Old Business:

- Started ActiveNet training virtually on January 16th with weekly training sessions scheduled throughout February and March with weekly assignments to complete.
- Prepared and sent offers of employment to fill openings for Arena Operator-Maintenance Attendant and Youth Maintenance Attendant. Both offers were accepted.
- CDRC was contacted the morning of December 24th by Steve Murphy from Dufferin County requesting the CDRC open and operate as storm shelter for stranded motorists. A CDRC operator opened the facility and Jennifer Willoughby and Mayor Wade Mills sat at the facility to receive people. I participated in two virtual Storm Response Coordination calls at 9:00am and 1:30pm.

New Business:

- SMHA has expressed interest in replacing the white boards in all dressing rooms.
- I've contacted Futuresign to have an inactive monitor in the arena lobby updated and relocated to the front entrance to use for posting upcoming events and scheduled events in the facility.
- On January 16th Skate Canada Shelburne (SCS) requested consideration to extend the ice season 1-week to April 9th to host a "Bring on the Fun" (BOTF) event (as per email). This event could be 1 or 2 days, April 8th & 9th. As previously requested and communication from Shelburne Ball Hockey league on Dec 2nd, the CDRC has already committed to start floor rentals on April 16th. Therefore, the CDRC has currently scheduled April 2nd as the last day for ice rentals. We also reached out to SMHA and they are not interested in additional ice rentals the week of April 3-6th. Staff recommends not to extend the ice.

Kim Fraser
Facility Administration Manager

Submitted By: Recreation Program Coordinator Emily Francis

To: CDRC Board of Management

Date: Wednesday January 25, 2022

Subject: Recreation Program Coordinator Report

November/December/January Overview

- Continuing to assist with day-to-day operations including phone inquiries, email inquiries etc.
Completing invoices for upcoming programs.
- Continuing to make updates to the CDRC information on the Town of Shelburne website and actively creating graphics and posting on the CDRC social media.
- **Drop In Ice Programs**
 - **Public Skating (\$3.00 per skater) has had great success.**
 - Fridays 5:30-6:20pm or 5:00-5:50pm
 - Additional days added when there is availability.
 - **Family Day sponsored skate on Monday February 20, 2023 from 2:00-4:00pm.**
 - Sponsored by Go with Crowe Realty, Shelburne Family Chiropractic, Main Street Family Dental and Shelburne Optometry.
 - **Parent and Tot Skate:** Wednesday's 10:00-11:00am
 - **Weekly Adult Skate:** Wednesday's 11:00-12:00pm
 - **New Adult Shiny** beginning on Wednesday February 1, 2023 from 12:00-1:00pm
- **Seasonal Summer Employment Opportunities** have now been posted on the Town of Shelburne website. Applications for the Head Camp Counsellor and Deck Supervisor positions are due on Friday January 27, and the Lifeguard/Instructor and Camp Counsellor positions are due on Friday February 3.
 - Employment Opportunities
 - Head Day Camp Counsellors (2)
 - Day Camp Counsellors (15-18)
 - Outdoor Pool Deck Supervisors (3)
 - Lifeguard/Instructors (12-15)
 - Where have they been posted?
 - Town of Shelburne Website
 - Sent to the CAO's of our funding municipalities (Shelburne, Melancthon, Mono and Amaranth)
 - Circulated throughout the CDRC social media channels (Instagram and Facebook)
 - Sent to Centre Dufferin District High School
 - Posted in the CDRC on bulletin board
 - Sent to the Georgian College Career Centre
 - Dufferin County Employment Resource Centre
- **2023 Spring and Summer Recreation Guide**
 - Scheduled to be distributed throughout Dufferin County on Thursday March 30, 2023 with the Shelburne Free Press.
 - Beginning to collect and update all information that will be going into this guide.
 - Editorial Content must be finished and submitted by Thursday February 24 at 5:00pm.
 - Final Approval on Wednesday March 10, 2023 by 12:00pm.
 - In the process of contacting local clubs and groups to collect information that they would like added into the guide as well as the 4 funding municipalities.

- **Red Cross to Lifesaving Society Transition for summer 2023**
 - Beginning in the summer of 2023, the CDRC will be offering the Lifesaving Society Swim for Life program as the Red Cross Swim program has now be discontinued.
 - Ongoing meetings with the Lifesaving Society to review the changes for the 2023 summer program.
 - All Red Cross certification holders were required to complete a Swim Instructor Update course prior to December 31, to transfer their certifications to Lifesaving Society.
 - I have a scheduled meeting with the Town of Orangeville Recreation Supervisor to assist with this transition. We will be following the same swim program as the Town of Orangeville to make the transition easier for swimmers who participate in lessons throughout the winter months.
- **Swim Gen:** looking to use a digital software for our swimming lesson report cards instead of written report cards. Swim Gen offers an online system that emails report cards to the participants at the end of the swim session.
 - Benefits
 - Tracks the swim progress of our swimmers instead of a manual system.
 - All reports can be printed to distribute to swimmers.
 - Pay per report no subscription required.
- **Sponsorship Opportunities**
 - Looking to expand our sponsorship opportunities. In the process of gathering information from other municipalities to compare and develop program related sponsorship opportunities.
- **Day Camp**
 - PA Day Camp on Friday December 23 was cancelled due to the inclement weather.
 - Winter Break Day camp ran from Monday January 2 – Friday January 6, 2023.
 - Preparing for upcoming PA Day Camp on Friday March 3, 2023 and March Break Camp Monday March 13 – Friday March 17, 2023.
- **Red Cross Standard First Aid CPR-C with AED Course scheduled for Friday March 3, 2023**
 - This is a blended learning course which includes 7-8 hours on self-study online work prior to attending the 8 hour in class session.
 - The CDRC is partnering with Rural Rescue to offer this course. The CDRC collects registrations and payments, and Rural Rescue teaches the course.
 - Time: 9:00-5:00pm
- **Recreation Software: Active Network Update**
 - Beginning on January 16, we will have scheduled weekly training with an Active Net consultant. There is assigned work and training to be completed prior to the next session.
 - Each weekly session is an online virtual meeting scheduled for up to 8 hours.
- **Easter Skate Event**
 - Beginning to plan an Easter Skate event tentatively for Sunday April 2, 2023. There are 2 local businesses that are interested in sponsoring this event.

Facility Maintenance Managers Report – January 25, 2023

GENERAL INFORMATION

HVAC Circulating pump replaced in dressing room 7 leaking. \$1888.65 (replaced Nov 7, 2022)
Scheduling of operation staff.
Kore mechanical diagnosing and troubleshooting ammonia alarm sensor fault, life of sensor head depleted, replacement recommended part on order. Dec 8 replaced.
Snack bar Fire arrest system semiannual inspection complete
Quarterly service on HVAC Jan 5, 2023, no issues.
Wilson electrics install new receptacle for a monitor front entrance and replaced light fixture Jan 10, 2023
Repaired pool exterior lighting as camps is using stairway early mornings retrofit to a LED bulb.
Removal of infrastructure grant sign.
Replace section rubber floor mat home player bench,
Install post for snow fence.
Replace thermostat # 7,
Working on operation budget for 2023 and capital
Reviewing grant opportunity Green and Inclusive Community Buildings looking at more efficient heating and cooling arena floor hot in summer
New youth Nov 8, 2022,
Training new Operator starting Nov 18, 2022
HVAC repair troubleshooting roof top Nov 5, 2022, intermittent power surges causing, Transformer power drop down unit to not function, power was disconnected until faulty combustion venter motor was replaced.
7am repairing unit Nov 18, 2022,
Condensers disconnect broken Jan 18, 2023
Legionnaire disease and arena condensers, Due to recent issues in Ontario arenas and supply issues for chlorine the method of delivering chemicals to the condensers will need to change at an additional cost.

Roof issues.

Recap of CDRC arena roof replacement summer 2022 new roof was installed and 1 truss was identified as needing repair.

At the last board meeting trusses was discussed as there is some trusses with old bends in the braces that were probably from the original build. We had 2 roof truss site visits. Waiting for quote for repair. SBA brought their own structural engineer who had more reasonable repairs plans than the THR roofing company sub-contractors, Discussed with Lisa Johnson SBA what options do we have. Waiting on report from SBA Nov 14, 2022. Jan 4, 2023, discussed with SBA to move ahead with assessment using Criterium engineering firm to evaluate roof trusses and necessary repairs.

January 9, 2023

Deficiency final site inspection. Roof now complete. SBA to discuss truss repair.

Some correspondence with SBA.

The CDRC Roof Replacement project is ending and is already into the warranty phase. As part of the scope of work, a review of the bent brace within the truss structure has been performed. Upon an inspection by T. Hamilton & Sons' subcontractor, Nusens Niche Contracting, SBA was notified of nine (9) other locations of damage to the brace structures along the steel trusses. A separate inspection by SBA, THR and CDRC representatives was performed, and it was confirmed that there were further locations of damage to the truss structure.

At this time, SBA has secured a quotation from Criterium Jansen to complete the necessary 3rd party inspection, and a recommendation report at an estimated cost of \$3,700. With the extra effort in coordinating Criterium Jansen and the CDRC, SBA is requesting a total reallocation of budget in the amount of \$10,000.00. SBA will then prepare cost estimates for the necessary repairs and will assist the CDRC with prioritization and next steps. The cost associated with the inspection and SBA's scope of work will be covered

through the remaining budget available through the ICIP funding program. Based on the funding project total, there remains roughly \$40k available to complete the assessment and reporting.

We have move forward and Criterium Jansen will be inspecting the trusses February 13, 2023

I would like to suggest we wait on the assessment to see what the repair cost will be and if it is within the funded grant amount we proceed with the repair.

Pool leak noticed.

Pool information Outdoor pool 85x44 11 feet deep Built in 1977 major repairs done 2009,2016 and 2017 pool shell work jets and skimmers replaced, main drain was not a concern 7 years ago.

As requested On Nov 15, 2022, Canadian leak detection came to the CDRC pool to perform pressure testing and locating areas of concerns. Inserted camera through pipes and sensitive hearing devises were used for locating leaks they were here for approx. 5 hours. When the detection was complete, refilling pool part way a requirement for the winterization of the pool. (Never leave a concrete pool empty) It was followed up with a report.

Report from Canadian Leak detection: at least two areas confirmed having leaks a third is possible depending on repair.

Areas of concern

1 During pressure test inside the pump room leak noticed bubbles beside pit.

North main drain bottom of pool water movement and noise detected.

? North wall mid-way down deep end obstruction noticed possible leak.

2 Hydro static valves to be installed in different manner.

3 Pool tile falling off, repair required. Tile falling off from high water table from previous leaks 2016 and age.

3 Areas of hollow pool shell should be repaired.

4 Rubberized pool decking is deteriorating from age and UV.

Options for solution capital and operational purposes this is for reference.

\$5,500,000 New Indoor Pool like Collingwood a **Sprung structure**

\$2,100,000 Full Outdoor pool replacement **Acapulco Pools**

\$155,000 Install 60 mil Commercial Grade pool liner **Acapulco pools**

\$ 116,000.00 Repairing of main drain (dig holes) and by installing side wall main drain Acapulco

\$ 65,000 replastering of pool **Acapulco Pools**

\$????? Painting of pool and repairing hollows in pool repainting as necessary **Acapulco pool**

\$85,000 Water line pool tile replacement **Acapulco Pools**

\$16,770 Water line pool tile replacement **Toms pool Tile**

??????? Have Acapulco pool repair pool tile in immediate areas of concern **Acapulco Pool**

\$3,000 Spot repair as needed 20 feet water line pool tile **Staff?**

\$150,000 Acapulco pool comment regarding the rubber decking, highly recommend removing it. As you've seen, it will keep deteriorating and getting into the pool filtration system and causing problems. Do you know if the pool piping has ever been replaced? If not, it may be a good time to do that, and then you can do a new deck at the same time. Budget cost to replace the piping and deck would be about \$150-170k. **Acapulco pool**

\$35,000.00 original cost for rubber decking

\$4,000.00 Rubber deck repair spot repairs 200 square feet \$20.00 a sq ft **Elite Surfacing 2019 price**

\$1,279.00 plus labour rubber deck repair spot repairs 200 square feet \$6.00 a sq ft **Staff??**

Options

1) No pool 2023

2) Shorter season

3) Run with the leak but by continuing to run with the leak it will continue to damage the pool shell by causing cavities under the pool shell and increase moisture under decking and cause further pool tile damage at the minimum. Will also increase maintenance cost more chemical more vacuuming more heating required and water.

4) Proper leak repair new main drain and main drain water line.

As Canadian leak detection does do some repairs work, I asked if they would like to put a quote in and they replied was too large of a repair for them. Contact someone like Acapulco pools.

Acapulco Pools is pleased to offer the following proposal.

1.0 Main Drain Replacement

1.1 Cut pool deck as shown on sketch, remove and dispose of concrete from those areas.

1.2 Cut pool mechanical room floor from entrance to filter pit tank to allow for new piping to be installed.

1.3 Excavate as required from far side of pool deep end, out into grassed area along fence line, along shallow end deck into pool mechanical room (This option is much easier than going along pool deck in between pool and building as it is too narrow along that route even though it is shorter).

1.4 Excavate as required in mechanical room using hydrovac daylighting to avoid damaging. Buried pipes, etc.

1.5 Core drill pool wall at two (2) locations in deep end wall to allow for new main drain installation.

1.6 Core drill concrete pool filter tank to allow for new main drainpipe to enter the pit, properly sealed with link seals.

1.7 Supply and install new main drainpipe along that route using schedule 40 rigid PVC.

1.8 Supply and install two (2) new sumpless main drains including VGBA compliant frames and grates, 2" delineation around each drain as required by code.

1.9 Pressure test all new piping, provide written report to owner.

1.10 Backfill and properly compact all excavated areas with sand and topsoil as required.

1.11 Provide gravel base and wire mesh under areas to receive new concrete (pool deck and mechanical room floor)

1.12 Pour new concrete for pool deck and mechanical room floor, broom finish for deck, smooth finish for mechanical room floor.

1.13 Properly cap and fill in existing main drains with concrete leaving 3" of depth in each to allow for submersible pump to sit in in the event the pool needs to be completely drained (Each existing main drain will still have its existing grate reinstalled).

1.14 Core drill pool floor at deepest location, supply and install new hydrostatic relief valve.

1.15 Remove debris, leave broom clean.

2.0 By Owner

2.1 Provide electricity & water for the purpose of construction.

2.2 Draining and refilling of pool.

2.3 Sod/grass remediation.

2.4 Rubber deck finish repairs.

2.5 Security of pool area.

2.6 Start-up, chemical balance.

2.7 All existing mechanical equipment to remain.

3.0 Warranty

3.1 One-year labour and materials.

4.0 Schedule

4.1 TBD, Spring 2023.

4.2 3-4 weeks on site.

Jan 25, 2023, Acapulco would like to start in March or April, basically as soon as weather permits. We understand the importance of being open in June for the school etc. and will get it done in time for you for sure. We can price any tile work etc. once we get in there and see how it looks after winter.

My Recommendations for the pool

As this is time sensitive would like Acapulco pool to be the sole source for the leak repair. I feel comfortable with the previous work that they done on the pool in 2016 and 2017 the quality and ability to complete repair in a timely manner they are a reputable commercial pool company. This type of work is exposing the old pipe and making the best judgement to repair at that time, RFPs need details to be able to compare I don't have enough of that information to provide the type of materials and methods of repair.

\$5,000? Spot repair the water line tile yearly 20 feet water line pool tile and repair hollow pool shell.?

\$2,000 \$1,279.00 Rubber deck repair spot repairs 200 square feet \$6.00 a sq ft Would like to test a minimum patch to see if this is a route we can go. **Staff??**

\$500 to \$1000 Sod/grass remediation depending on size of area .80 cents a square foot.

Marty Lamers

Facility Maintenance Manager



COUNCIL MINUTES

JOINT COUNCIL MEETING of MULMUR TOWNSHIP MELANCTHON TOWNSHIP

FEBRUARY 6, 2023 – 6:00 P.M.

Council Present (In Person at the North Dufferin Community Centre)

Mulmur: Mayor Horner, Deputy Mayor Hawkins, Councillors Clark, Cunningham and Lyon

Melancthon: Mayor White, Deputy Mayor McLean, Councillors Neilson, Moore and Plowright

Staff Present:

Mulmur: Tracey Atkinson, CAO/Clerk

Melancthon: Denise Holmes, CAO/Clerk

1.0 MEETING CALLED TO ORDER

Mayor Horner called the meeting to order at 6:02 p.m.

2.0 LAND ACKNOWLEDGEMENT STATEMENT

Mayor Horner shared the Land Acknowledgement Statement.

3.0 APPOINTMENT OF CHAIR

Moved by: Horner, Seconded by: Clark

THAT Mayor White of Melancthon Township be appointed as Chair for the Joint Council Meeting for the Townships of Melancthon and Mulmur. **CARRIED.**

4.0 APPROVAL OF THE AGENDA

Moved by: Neilson, Seconded by: McLean

THAT Council approve the agenda. **CARRIED**

5.0 DECLARATION OF PECUNIARY INTERESTS

None were declared at this time.

6.0 ADMINISTRATION

6.1 NDCC Agreement

A lengthy discussion ensued on the current agreement and funding model, the NDCC Board and changing the structure of the Board to be an Events Committee, rather than a Board of Management, the facility as a whole and capital improvements that will be required in the future. There were suggestions on programming that could be offered to make greater use of the facility in order to bring the community together, as well as funding for the arena (corporate donations). There was discussion on the next steps and how the two Townships move forward with a new agreement as noted below:

- the need to keep meeting as a group in order to keep the discussions going
- reconstitute the Board of NDCC – Mulmur Township to appoint its Representatives at its next Council meeting. Melancthon has already appointed its Representatives to the Board
- Melancthon Council requires the number of Melancthon users using the facility, as this will be the starting point of the creation of a new agreement/new funding model.

7.0 CONFIRMING MOTION

Moved by: Cunningham, Seconded by: Moore

THAT all actions of the Joint Council Meeting for the Townships of Melancthon and Mulmur, with respect to every matter addressed and/or adopted by the Councils on February 6, 2023 are hereby adopted, ratified and confirmed; AND THAT each motion, resolution and other actions taken by the Council Members at the Joint Council meeting held on February 6, 2023 are hereby adopted, ratified and confirmed. **CARRIED**

8.0 MEETING ADJOURNMENT

Moved by: McLean, Seconded by: Hawkins

THAT the Councils of Melancthon and Mulmur adjourn the meeting at 7:37 p.m. to meet again on Tuesday, March 21, 2023 at 6:30 p.m. at the North Dufferin Community Centre. **CARRIED**

CORPORATION OF THE TOWNSHIP OF MELANCTHON

The Township of Melancthon Roads Sub-Committee held a meeting on March 1st, 2023, at 9:00 a.m. The following members were present: James McLean, Chair, Bill Neilson, Vice-Chair and Member Darren White. Also present were: Craig Micks, Public Works Superintendent, Denise Holmes, CAO/Clerk, Sarah Culshaw, Treasurer/Deputy Clerk and Kaitlin Chessell, Roads Sub-Committee Secretary.

Call to Order

Chair McLean called the meeting to order at 9:02 a.m.

Land Acknowledgement

Chair McLean shared the Land Acknowledgement Statement.

Additions/Deletions/Approval of Agenda

Moved by White, Seconded by Neilson that the agenda be approved as circulated. Carried.

Declaration of Pecuniary Interest or Conflict of Interest

No declaration declared at this time.

Approval of Draft Minutes

Moved by Neilson, Seconded by White that the minutes of Roads Sub-Committee Meeting held on February 1st, 2023 be approved as circulated. Carried.

Business Arising from Minutes

None.

Correspondence Items

None.

General Business

1. Update from Public Works Superintendent

Craig advised that they have been doing lots of shop work and snowplowing. He advised the Committee that half load have come into effect today until May 15th and advised that the fluctuating weather has been very impactful on the roads this year and they have already put a substantial amount of gravel on the roads to fix potholes this year.

2. Poulton Place Public Meeting Date and Discussion

Staff advised that we have heard back from four of the six landowners regarding this project at this time and the Committee decided to set a public meeting date of March 20th, 2023 at 6:30pm to meet with the landowners. We will send an invitation out to all six landowners to attend the meeting.

3. County of Dufferin using 5th Line OS & 4th Line NE as Detour Route while County Road 21 is closed for Bridge Rehabilitation

Craig advised that he has been talking to the County and they need to close County Road 21 from 4th Line NE and 5th Line OS for approximately a month and a half to replace the bridge on this section of road before paving. The Committee was okay with this but would like to discuss lowering the speed limit on the 5th Line OS at the next meeting.

4. County Road 124 and Melancthon – Nottawasaga Townline Intersection Construction

The Committee discussed whether we want the culvert replaced and upgraded at the Townline on the West side in case we ever wanted to open the road allowance there. The Committee does not have a preference as they don't know that that portion of road would ever be opened.

5. 5th Line OS – Highway 89 to Highway 10 – Development of Unopened Road Allowance

It was discussed that the road would need to be widened and the base will have to be redone as it does not have a good base currently. The Committee advised that the owner would be responsible for all costs associated with upgrading the road to Township standards. Staff was directed to reach out and advise the owner of this.

6. Discussion on Purchasing a Used Grader

Craig advised the Committee that he has been in contact with our grader repair company and discussing the possibility of purchasing a used grader. The Committee asked for Craig to invite them to the next roads meeting to discuss our options.

7. Prioritizing Road Safety and Project Principles – Mapping Exercise

The Committee discussed that each member would take a map and highlight it and bring it back to next meeting for discussion. We discussed what principles they would like to follow for paving, gravel and speed limit reduction.

8. Other/Additions

None.

9. Unfinished Business

1. Entrance and Road Upgrades on 5th Line (Asaph)

No update at this time.

Delegations

9:30 a.m. – Jim Ellis, Public Works Manager, Dina Lundy, CAO and Clinton Stredwick, Planner; Township of Southgate – Melancthon-Southgate Townline and 240 Sideroad

Jim Ellis, Public Works Manager for the Township of Southgate spoke to the Committee about the possibility of Melancthon selling them a small portion of the unopened road allowance of 240 Sideroad between Highway 10 and 2nd Line SW. The Committee asked the Township of Southgate to provide us with a formal request to purchase this land and then we will discuss it at the next Roads meeting and then it will be directed to Council for decision.

10:00 a.m. - Doug Childs, Melancthon Resident: Proposal of a Stop Sign at the Intersection of 4th Line SW and 240 Sideroad due to Safety Concerns

Doug Childs, resident of Melancthon Township brought forward his concerns regarding speeding on 4th Line SW with big trucks and asked the Committee if a stop sign could be put at the Southgate Melancthon Boundary where it changes from pavement to gravel. The Committee also discussed making this a no truck road. Staff was directed to reach out to Jim Ellis, Public Works Manager for the Township of Southgate to see if they would be agreeable to putting a stop sign here as this is also there section of road and we would both have to pass by-laws for this.

Recommendation to Council

None.

Public Question Period

None.

Confirmation Motion

Moved by Neilson, Seconded by White that all actions of the Members and Officers of the Roads Sub-Committee with respect to every matter addressed and/or adopted by the Sub-Committee on the above date are hereby adopted, ratified and confirmed; and each motion, resolution and other actions taken by the Sub-Committee Members at the meeting held on the above date are hereby adopted, ratified and confirmed.
Carried.

Adjournment

10:11 a.m. - Moved by Neilson, Seconded by White that we adjourn this Roads Sub-Committee meeting to meet again on March 20th, 2023 at 6:30 p.m. or at the Call of the Chair. Carried.

CHAIR

SECRETARY

Denise Holmes

From: Tecia White <twhite@tathameng.com>
Sent: Tuesday, March 14, 2023 11:13 AM
To: Grant Horan
Cc: Denise Holmes
Subject: 2022 Annual Report - Strada Shelburne Pits
Attachments: 2022 Strada Shelburne_FINAL_COMPLETE.pdf

Good morning, Grant.

I just noticed that I had not circulated the 2022 annual report yet. My apologies.

The monitoring results are consistent with previous years with no reported impacts. As you know, we have resolved the cause of the minor hydrocarbon hits that we had in 2021 and early 2022. After long discussions with Brett, it was determined that the hits were caused by the sampler's bug repellent.

Please note that the 2023 report will be authored by Tatham Engineering.

Regards,



Tecia White MSc. P. Geo
Senior Hydrogeology Advisor

twhite@tathameng.com T 705-444-2565 x2008
115 Sandford Fleming Drive Suite 200, Collingwood, Ontario L9Y 5A6

tathameng.com



We're hiring! Enhance your career at Tatham Engineering

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Whitewater
Hydrogeology Ltd.



**2022 GROUNDWATER AND
SURFACE WATER MONITORING
REPORT**

SHELBURNE PITS 1-4

Prepared for:
Strada Aggregates

Date: December 2022

Whitewater Hydrogeology Ltd
Phone: 705.888.7064
Email: tecia@white-water.ca

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Appendix A:	Copy of PTTW
Appendix B:	Integrated Monitoring Program
Appendix C:	Water Quality Results

1.0 INTRODUCTION

Strada Aggregates Inc. (Strada) holds three adjacent Aggregate Resources Act (ARA) Category 3, Class A licenses from the Ministry of Natural Resources and Forestry (MNRF), which permit for the extraction of aggregate from above the water table. The sites referred to as the Bonnefield/Prince Pits, Melancthon Pit #1 and Melancthon Pit #2 and are located on Part Lot 11-14, Concession 3 Township of Melancthon. Each property has been integrated into one all-encompassing operation, which includes a closed loop washing facility, which is regulated under the Melancthon Pits #2 Ontario Water Resources Act, Section 34, Permit to Take Water (PTTW) No.: 3210-AKRL9C (Appendix A).

Whitewater Hydrogeology Ltd. (Whitewater) developed a groundwater and surface water monitoring program that was designed to effectively identify and characterize any cumulative influences on the groundwater and surface water regimes because of the extraction and washing operations that occur under the three ARA licenses. This program also integrated a hydro-period surface water monitoring requirement to be used in the annual natural environment impact assessment (NRSI, 2020).

This report has been prepared to comply with the Integrated Monitoring Program which is provided in Appendix B.

2.0 COMPLIANCE MONITORING PROGRAM

2.1 Groundwater Monitoring

In total, there are currently 18 groundwater well nests that monitor 24 discrete aquifer intervals in the overburden and bedrock aquifers at the Shelburne Pits. The groundwater monitoring program is provided in Table 1 and Figure 1. Monitors “A” are constructed above the geological contact between the sand and gravel unit and the Tavistock Till, if saturated. Otherwise, the screens are set above the geological contact between the Tavistock Till and the bedrock. Monitoring wells constructed across the bedrock contact aquifer system are identified as monitors “B”. Borehole records are provided in Appendix B.

The groundwater monitoring program focuses on the on-going monitoring of background conditions (up-gradient locations) in both the overburden and bedrock aquifers and the monitoring of potential influences from the aggregate operation on down-gradient locations. The groundwater monitoring program is provided in Table 2. Selected up-gradient and down-gradient wells are sampled for water quality. The water quality parameters for the semi-annual and annual sampling programs are provided below.

Semi-Annual Groundwater Quality Parameters	Annual Groundwater Quality Parameters
General Water Quality Parameters: pH, Conductivity, Alkalinity, Bicarbonate, Chloride, Calcium, Magnesium, Potassium, Sodium, Sulphate, Nitrate, Nitrite, Phosphorous, and Metals (dissolved).	Total Petroleum Hydrocarbons (F1-F4) BTEX, Total Oil and Grease

Table 1: Groundwater Monitoring Well Details

Well ID	Top of Casing	Ground Surface	Top of Screen	Bottom of Screen	Location	
	Metres Above Sea Level (masl)				Easting	Northing
Melancthon Pit #1						
OW13-A	507.13	506.44	495.1	492.1	561,147	4,887,604
OW13-B	507.13	506.44	490.5	487.5	561,147	4,887,604
OW14-B	497.33	496.46	479.8	476.8	561,763	4,887,842
OW16-B	497.38	496.50	488.5	469.9	561,726	4,887,995
Melancthon Pit #2						
OW3-B	504.78	503.9	494.36	491.31	561,273	4,886,845
OW4-A	506.57	505.69	500.97	497.92	561,355	4,886,426
OW4-B	506.57	505.69	495.17	492.12	561,355	4,886,426
OW5-A	494.59	493.71	483.89	480.84	561,738	4,886,524
OW5-B	494.77	493.89	486.32	483.27	561,738	4,886,521
OW6-A	494.99	494.11	481.59	478.54	561,660	4,886,939
OW7-A	498.16	497.28	485.18	482.13	561,771	4,886,675
OW7-B	498.16	505.15	478.56	466.26	561,773	4,886,669
OW8-A	506.02	495.89	500.39	492.89	561,283	4,887,058
OW9-A	496.77	494.88	492.85	489.80	561,798	4,887,452
OW10-A	495.76	497.28	479.04	475.99	561,632	4,887,298
OW12-A	495.92	495.04	480.62	473.02	561,882	4,887,192
Bonnefield Pit						
OW18-A	501.45	500.35	483.58	480.53	561,653	4,887,686
OW18-B	501.45	500.35	479.93	476.88	561,653	4,887,686
Prince Pit						
OW19-A	510.59	509.49	486.69	485.09	561,036	4,888,193
OW19-B	510.59	509.49	483.59	482.09	561,036	4,888,193
OW20-B	509.61	508.41	480.71	479.21	561,544	4,888,334
OW21-B	511.71	510.58	476.78	475.28	561,594	4,888,681
OW22-B	513.93	512.81	487.81	486.31	561,385	4,888,891
OW23-B	510.52	509.41	485.61	484.11	560,938	4,888,788
Notes:						
1. OW2 and OW11 are damaged and require decommissioning.						
2. OW15 is plugged and not accessible.						
3. OW17 have been removed because of the on-going aggregate extraction						

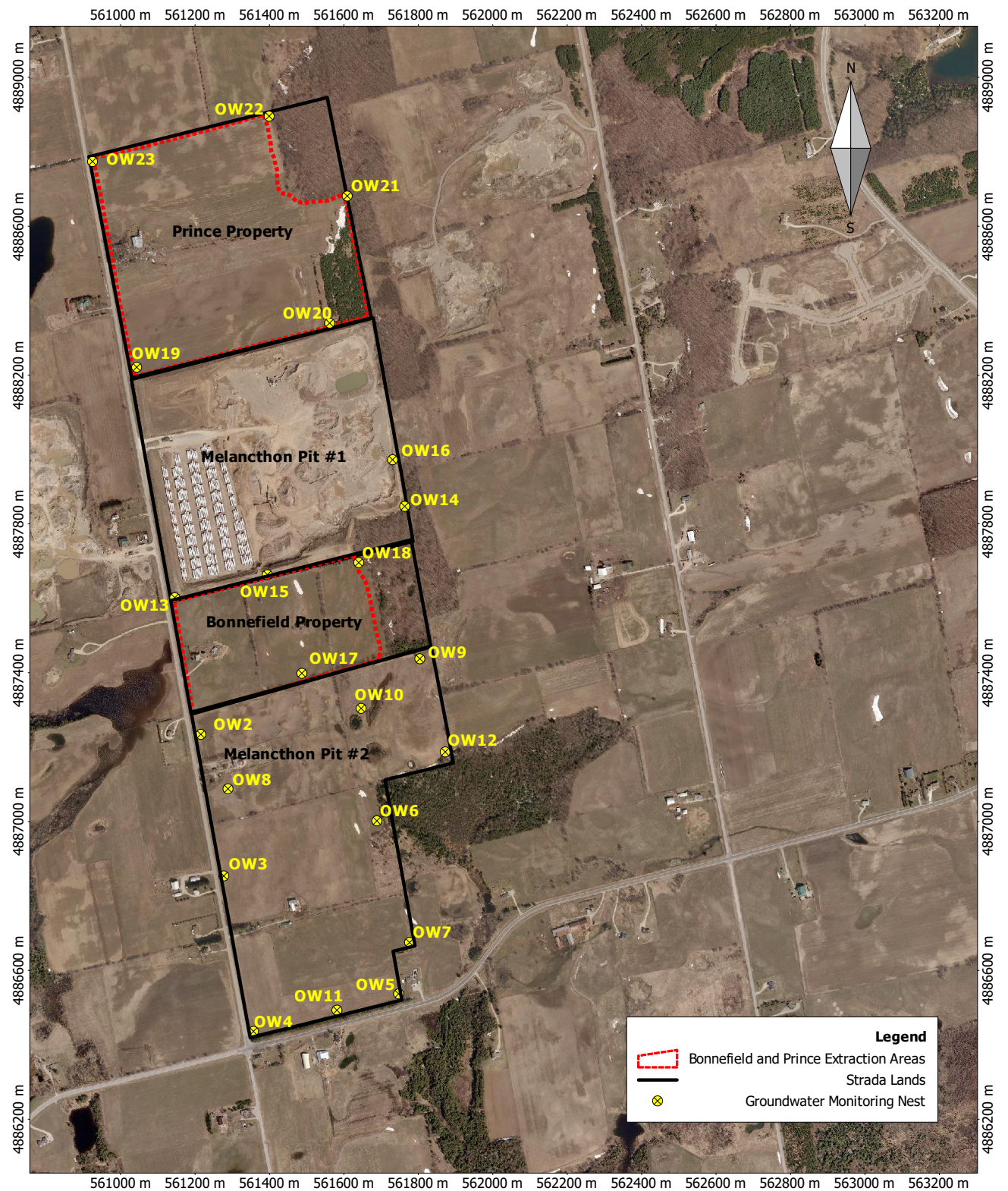


FIGURE 1: GROUNDWATER MONITORING LOCATIONS

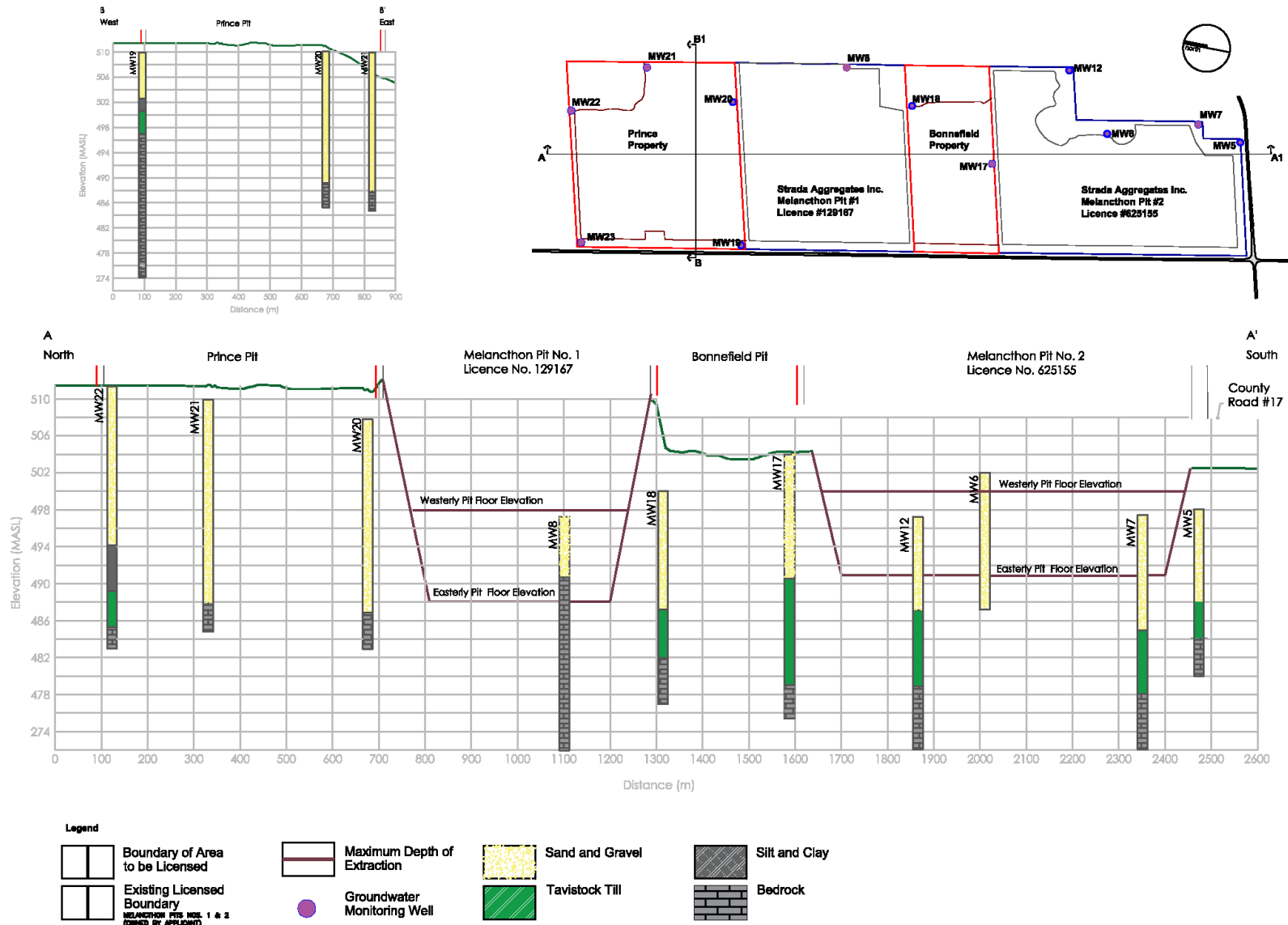


FIGURE 2: GEOLOGICAL CROSS-SECTION

Table 2: Groundwater Monitoring Network

Well ID	Water Levels	Water Quality	
	Monthly Manual Water	Semi-Annual	Annual
OW3-B	X	X	
OW4-A	X	X	
OW4-B	X	X	
OW5-A	X	X	X
OW5-B	X	X	
OW6-A	X	X	X
OW7-A	X	X	X
OW7-B	X	X	
OW8-A	X	X	X
OW9-A	X	X	X
OW10-A	X	X	X
OW12-A	X	X	X

Well ID	Water Levels	Water Quality	
	Monthly Manual Water	Semi-Annual	Annual
OW13-A	X	X	
OW13-B	X	X	
OW14-B	X	X	X
OW16-B	X	X	X
OW18-A	X	X	X
OW18-B	X	X	
OW19-A	X		
OW19-B	X	X	
OW20-B	X	X	X
OW21-B	X	X	x
OW22-B	X	X	
OW23-B	X	X	

2.2 Surface Water Monitoring

Surface water elevation monitoring is to be completed during unfrozen conditions at 5 locations across the property. Surface water elevation monitoring has been on-going at the Wash Pond, North and South Ponds (Figure 1), since 2007. Two additional surface water monitoring stations to monitor the hydro-period in the wetland and vernal pool have been added to the monitoring program but on-going vandalism limited the ability to monitor since 2021 (Figure 1). Data have been assessed in conjunction with the groundwater monitoring data as part of the annual reporting requirement.

In addition, surface water quality is obtained from the North and South Ponds and analyzed for the same parameters as the groundwater wells.

2.3 2022 Water Taking Reporting

Strada is required to monitor the daily water takings under the PTTW, which includes recording the date, the volume of water taken on that date, and the rate at which it was taken. This data shall be submitted on or before March 31st every year to the Ministry's Water Taking Reporting System.

3.0 HYDROLOGICAL / HYDROGEOLOGICAL EVALUATION

3.1 2022 Water Takings

PTTW 3210-AKRL9C allows for the taking of 4,000 L/min for a maximum of 10 hours per day (a total of 2,400,00 L each day) to a maximum of 230 days between April 1 and November 16 of each year. In 2022, water was taken on 115 days between April 13th and November 15th. The maximum reported daily taking was 2,327,775 L. Strada remains in compliance with the water takings at the Melancthon Pit #2. The 2022 daily water takings from the Melancthon Pit #2 are summarized in Table 3.

TABLE 3: 2022 DAILY WATER TAKINGS

Date	Total Daily Taking (L)	Date	Total Daily Taking (L)	Date	Total Daily Taking (L)	Date	Total Daily Taking (L)	Date	Total Daily Taking (L)
13-Apr-22	1,404,235	30-May-22	2,074,180	15-Jul-22	1,799,280	29-Aug-22	753,215	13-Oct-22	1,302,040
14-Apr-22	1,442,085	31-May-22	1,695,680	18-Jul-22	1,130,220	30-Aug-22	870,550	14-Oct-22	1,525,355
15-Apr-22	2,081,750	1-Jun-22	1,737,315	19-Jul-22	1,557,360	31-Aug-22	545,040	17-Oct-22	586,675
18-Apr-22	2,096,890	2-Jun-22	881,905	20-Jul-22	1,632,960	1-Sep-22	923,540	18-Oct-22	798,635
20-Apr-22	1,313,395	6-Jun-22	722,935	21-Jul-22	1,553,580	6-Sep-22	1,551,850	19-Oct-22	662,375
21-Apr-22	1,589,700	7-Jun-22	1,707,035	27-Jul-22	1,761,480	7-Sep-22	1,173,350	20-Oct-22	552,610
26-Apr-22	261,165	8-Jun-22	1,828,155	28-Jul-22	468,720	8-Sep-22	1,173,350	21-Oct-22	908,400
3-May-22	2,327,775	9-Jun-22	1,608,625	29-Jul-22	1,765,260	9-Sep-22	1,426,945	24-Oct-22	537,470
4-May-22	1,476,150	13-Jun-22	1,763,810	1-Aug-22	1,553,580	12-Sep-22	1,090,080	25-Oct-22	760,785
5-May-22	1,801,660	15-Jun-22	1,680,540	2-Aug-22	1,719,900	13-Sep-22	1,464,795	26-Oct-22	809,990
6-May-22	1,184,705	16-Jun-22	1,797,875	1-Aug-22	1,555,635	14-Sep-22	749,430	27-Oct-22	817,560
9-May-22	1,612,410	17-Jun-22	1,302,040	2-Aug-22	1,722,175	15-Sep-22	1,286,900	28-Oct-22	840,270
10-May-22	1,472,365	20-Jun-22	1,638,905	3-Aug-22	1,638,905	16-Sep-22	798,635	31-Oct-22	454,200
11-May-22	1,464,795	21-Jun-22	711,580	4-Aug-22	1,771,380	19-Sep-22	461,770	2-Nov-22	832,700
12-May-22	1,476,150	22-Jun-22	1,763,810	5-Aug-22	635,880	20-Sep-22	711,580	4-Nov-22	707,795
13-May-22	809,990	23-Jun-22	798,635	6-Aug-22	2,074,180	21-Sep-22	666,160	7-Nov-22	628,310
16-May-22	1,619,980	24-Jun-22	1,090,080	7-Aug-22	1,695,680	26-Sep-22	420,135	8-Nov-22	881,905
17-May-22	757,000	27-Jun-22	1,763,810	9-Aug-22	1,585,915	27-Sep-22	461,770	9-Nov-22	601,815
18-May-22	722,935	28-Jun-22	469,340	12-Aug-22	1,442,085	28-Sep-22	1,377,740	10-Nov-22	794,850
19-May-22	874,335	29-Jun-22	1,767,595	15-Aug-22	1,423,160	29-Sep-22	1,014,380	11-Nov-22	760,785
20-May-22	1,211,200	4-Jul-22	1,217,160	16-Aug-22	1,377,740	30-Sep-22	628,310	15-Nov-22	435,275
24-May-22	1,578,345	5-Jul-22	585,900	17-Aug-22	1,082,510	3-Oct-22	798,635		
25-May-22	1,968,200	6-Jul-22	1,806,840	18-Aug-22	2,183,945	4-Oct-22	1,498,860		
26-May-22	1,616,195	7-Jul-22	1,844,640	19-Aug-22	1,514,000	5-Oct-22	1,241,480		
27-May-22	1,290,685	12-Jul-22	1,300,320	24-Aug-22	1,824,370	7-Oct-22	923,540		
28-May-22	707,795	13-Jul-22	1,345,680	25-Aug-22	757,000	11-Oct-22	1,177,135		
29-May-22	874,335	14-Jul-22	1,591,380	26-Aug-22	1,971,985	12-Oct-22	1,510,215		

3.2 Groundwater Level Elevations

3.2.1 Overburden Groundwater Elevations

The groundwater elevations in the vicinity of the Strada properties are strongly influenced by the bedrock topography and the buried bedrock valley system reported in the southeast portion of the study area. This feature has created a primarily downward gradient drawing water levels from the shallow overburden aquifer to the bedrock flow system. As a result, the overburden is dry in the north and north-western portion of Melancthon Pit #1 as well as beneath the Prince property. Permanent unsaturated conditions in the overburden are reported at OW3, OW14, OW16, OW20, and OW21, where the first water-bearing zone is found beneath the bedrock contact (bedrock aquifer).

Where saturated, the water levels in the overburden represent the water table. Generally, the water level trends are seasonal, with water levels peaking in the spring and decreasing over the warmer and drier summer months (Figure 3). Based on the continuous water level measurements at the 9 overburden

monitoring wells, the water table ranges between an approximate high of 499 masl to an approximate low of 485 masl during the spring season. Over the following months, the water levels drop approximately 1 and 6 m.

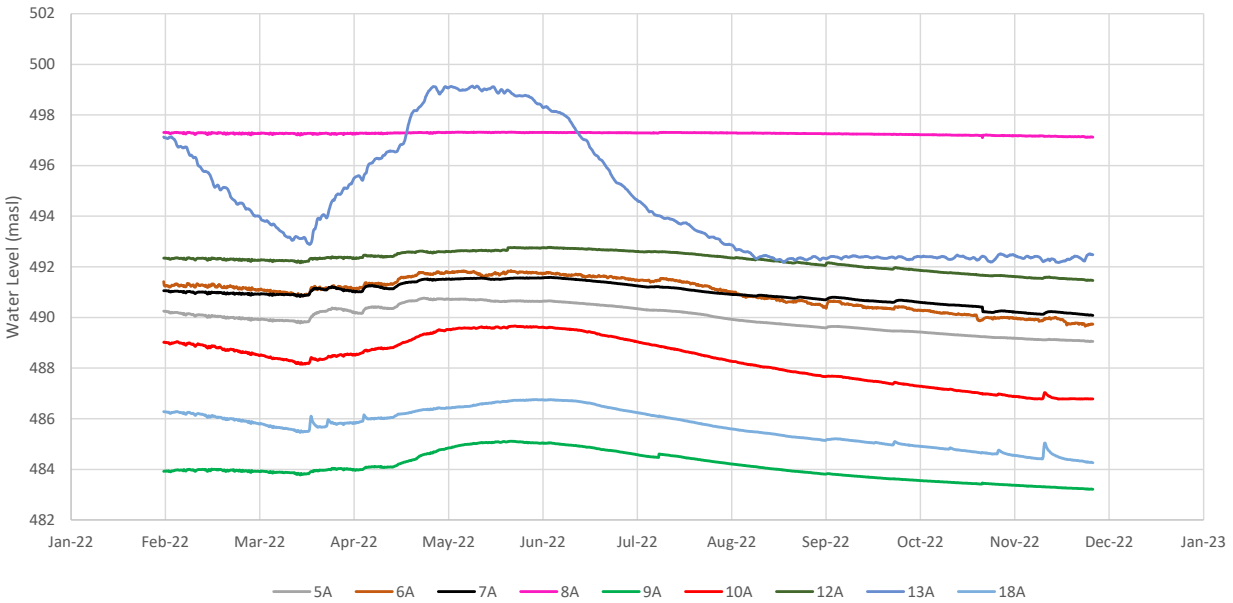


FIGURE 3: OVERBURDEN HYDROGRAPH

3.2.2 Bedrock/Till Contact Groundwater Elevations

Like the overburden water levels, the water levels in the weather bedrock aquifer (bedrock contact) show muted seasonal trends where water level highs are reached during the spring, followed by a slight decrease during the summer, fall, and winter months. Water levels in the bedrock are less influenced by seasonal trends and remain relatively stable over the monitoring period.

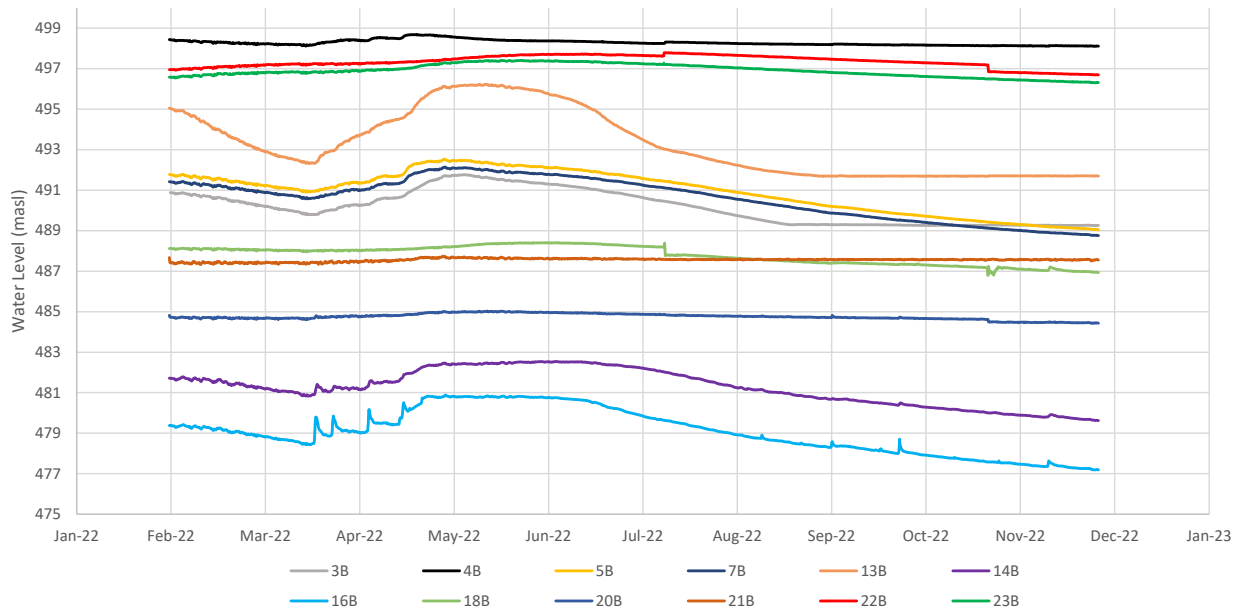


FIGURE 4: BEDROCK HYDROGRAPH

3.3 Surface Water Level Elevations

3.3.1 Wash Pond

The wash pond is a closed-loop system where clean groundwater is pumped from a below water pond, run through the washing plant, and then the dirty wash water is discharged into a series of settling ponds before the clean water recirculated back to the freshwater pond. Figure 5 presents the continuous water levels collected from the Wash Pond. In 2022, water was taken on 129 days between April 13th and November 15th. During the operation of the wash plant, short term water level fluctuations occurred in response to the performance of the closed-loop system. No drawdown resulting from the washing of aggregate is evident from the monitoring data.

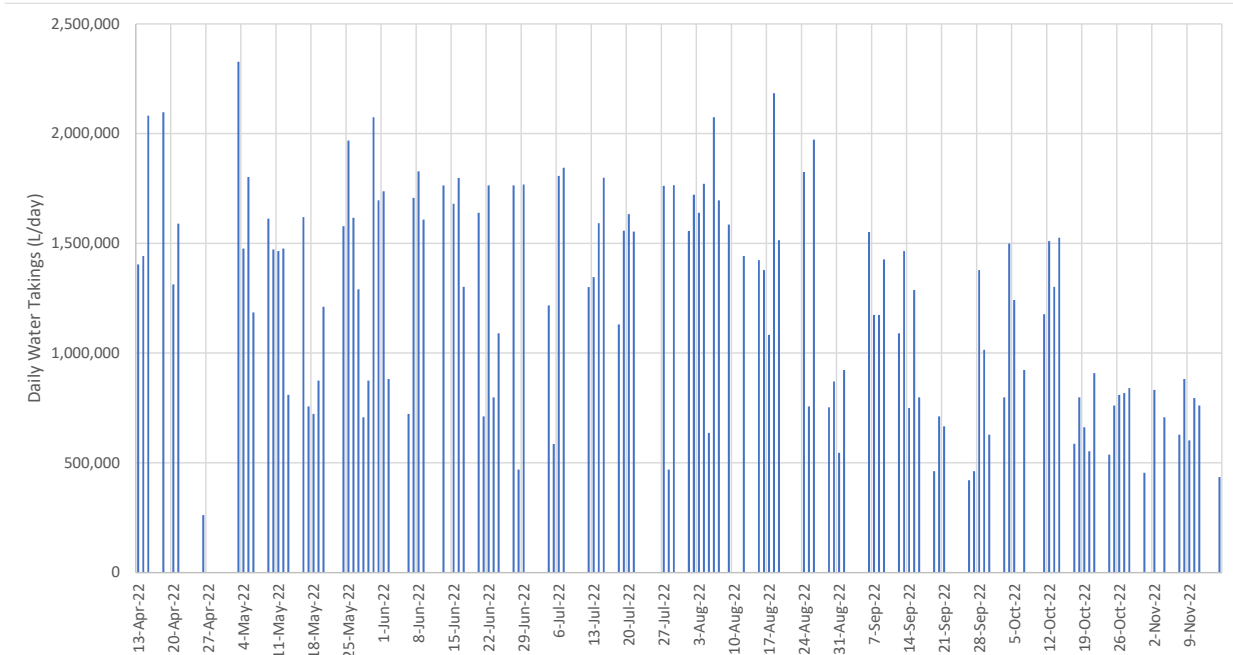


FIGURE 5: WASH POND WATER LEVELS AND DAILY WATER TAKINGS

3.3.2 North and South Ponds

The water levels in the North Pond and South Pond were surveyed on June 29 and September 29, 2022. The elevations on these dates were 491.34 and 492.02 masl, respectively. Spring highs were missed in 2022 due to logger malfunction. Ponds both dried out in 2022 in late fall. Dataloggers were removed in the late fall to limit damage to the devices.

To compare the surface water elevations to the local water table conditions, monitoring well OW10-A has been plotted in Figure 6. The water table is located approximately 2-4 m below the surface water levels suggesting that the ponds are perched.

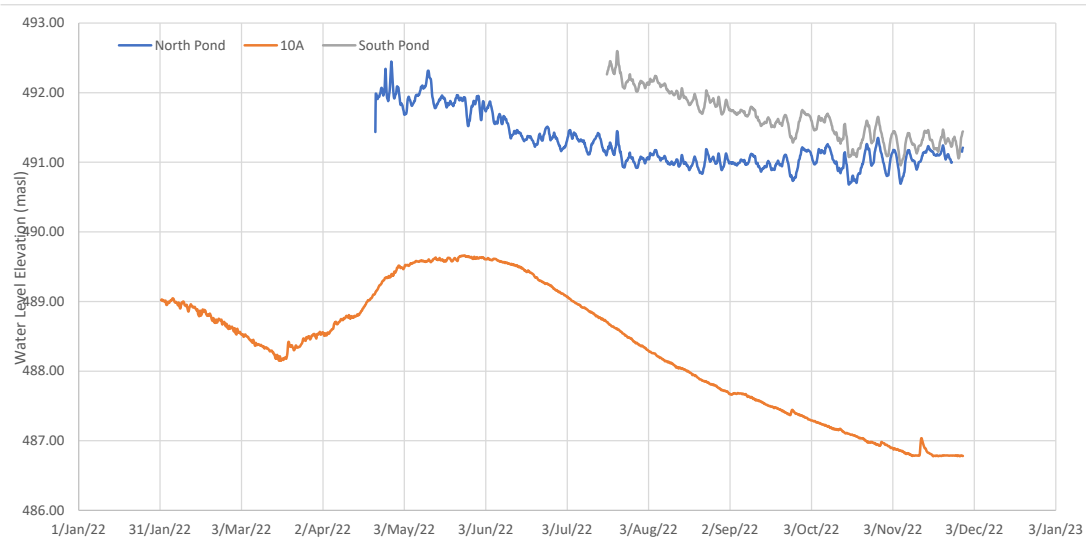


FIGURE 6: NORTH AND SOUTH POND WATER LEVELS

3.3.3 Vernal Pool and Shallow Marsh Wetland

Local surface water features include a small wetland and vernal pool, which are located within the forested area approximately 100 m from the proposed extraction boundary for the Bonnefield Pit. These features are perched approximately at least 1.5 m above the water table and therefore isolated from the groundwater regime.

In 2022, the monitoring devices were not installed due to ongoing vandalism. The vernal pool is immediately adjacent to an active trail used by ATVs and snowmobiles. This trail bisects the wetland feature where significant disturbance has occurred.

It is recommended that alternative ways to install and monitor these features be completed prior to the re-installation of monitoring equipment in the spring of 2023. Strada will continue with on-going efforts to secure the site to ensure no trespassing occurs.

3.4 Water Quality

3.4.1 Groundwater Quality

Groundwater quality sampling at the Shelburne Pits is completed on a semi-annual basis (spring and fall). In 2022, the monitoring program was completed on June 10th and September 29th. Samples were collected and analyzed for general water chemistry, volatile organic compounds (VOCs), and petroleum hydrocarbons (PHC).

The groundwater geochemistry at the site is characterized by relatively low concentrations for most parameters except for sodium and nitrate. Evidence of impacts associated with road salt and farming practises continue to be observed in the groundwater results.

In addition to the inorganic sampling discussed above, several petroleum hydrocarbon parameters were analyzed. Occasional detections of oil and grease were noted in the groundwater (1-2 mg/L; detection limit is 1 mg/L). This result is not considered to be a concern due to the extremely low concentration.

Copies of the lab reports can be found in Appendix C.

3.4.2 Historic F2-F4 Hydrocarbon Detections

In 2021, detections of F2-F4 hydrocarbons were noted during the routine annual monitoring. Whitewater completed some additional testing after installing new dedicated monitoring equipment (bailers). The results indicate that there were no detections of F2-F4 hydrocarbons. However, trace concentrations of toluene were reported. The toluene concentrations were well below Table 4 of O.Reg 153 for stratified site conditions in a potable groundwater condition. Toluene was not detected in the samples collected on May 21, 2021.

The trace presence of toluene was believed to be attributed to the application of insect repellent (Deet) prior to sampling. A second round of sampling was completed on August 18, 2022. The results showed no evidence of F2-F3 or toluene in the three wells sampled.

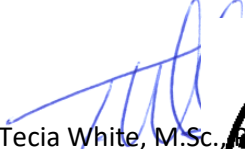
3.4.3 Surface Water Quality


Surface water quality sampling at the Shelburne Pit is also completed on a semi-annual basis (spring and fall). In 2022, the monitoring program was completed on June 10th and September 29th. Samples were collected and analyzed for general water chemistry.

The surface water quality from the North and South Pond exhibits a Ca-HCO₃ signature. Based on Gibbs (1970) classification of surface water, surface water chemistry in closed lakes (or wetlands) is controlled by rainfall, rock weathering, and/or evaporation and fractional crystallization. The primary source of HCO₃ in the North Pond is the generation in the soil zone from CO₂, which is carried into the pond during runoff and bank erosion. The quality of the North and South Pond is typical of fresh surface water. Copies of the lab reports can be found in Appendix C.

4.0 CONCLUSIONS

The Shelburne Pits remain in compliance with the ARA and PTTW issued for the sites.


Tecia White, M.Sc., P.Eng.
Senior Hydrogeologist / President
Whitewater Hydrogeology Ltd.



APPENDIX A
PERMIT TO TAKE WATER

PERMIT TO TAKE WATER

Ground Water

NUMBER 3210-AKRL9C

Pursuant to Section 34.1 of the Ontario Water Resources Act, R.S.O. 1990 this Permit To Take Water is hereby issued to:

Strada Aggregates Inc.
30 Floral Parkway
Vaughan, Ontario
L4K 4R1

For the water taking from: Shelburne South Pit - Wash Pond

Located at: Lot 11 and 12, Concession 3, Geographic Township of Melancthon
Melancthon, County of Dufferin

For the purposes of this Permit, and the terms and conditions specified below, the following definitions apply:

DEFINITIONS

- (a) "Director" means any person appointed in writing as a Director pursuant to section 5 of the OWRA for the purposes of section 34.1, OWRA.
- (b) "Provincial Officer" means any person designated in writing by the Minister as a Provincial Officer pursuant to section 5 of the OWRA.
- (c) "Ministry" means Ontario Ministry of the Environment and Climate Change.
- (d) "District Office" means the Guelph District Office.
- (e) "Permit" means this Permit to Take Water No. 3210-AKRL9C including its Schedules, if any, issued in accordance with Section 34.1 of the OWRA.
- (f) "Permit Holder" means Strada Aggregates Inc..
- (g) "OWRA " means the *Ontario Water Resources Act*, R.S.O. 1990, c. O. 40, as amended.

You are hereby notified that this Permit is issued subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. Compliance with Permit

- 1.1 Except where modified by this Permit, the water taking shall be in accordance with the application for this Permit To Take Water, dated September 18, 2016 and signed by Grant C. Horan, and all Schedules included in this Permit.
- 1.2 The Permit Holder shall ensure that any person authorized by the Permit Holder to take water under this Permit is provided with a copy of this Permit and shall take all reasonable measures to ensure that any such person complies with the conditions of this Permit.
- 1.3 Any person authorized by the Permit Holder to take water under this Permit shall comply with the conditions of this Permit.
- 1.4 This Permit is not transferable to another person.
- 1.5 This Permit provides the Permit Holder with permission to take water in accordance with the conditions of this Permit, up to the date of the expiry of this Permit. This Permit does not constitute a legal right, vested or otherwise, to a water allocation, and the issuance of this Permit does not guarantee that, upon its expiry, it will be renewed.
- 1.6 The Permit Holder shall keep this Permit available at all times at or near the site of the taking, and shall produce this Permit immediately for inspection by a Provincial Officer upon his or her request.
- 1.7 The Permit Holder shall report any changes of address to the Director within thirty days of any such change. The Permit Holder shall report any change of ownership of the property for which this Permit is issued within thirty days of any such change. A change in ownership in the property shall cause this Permit to be cancelled.

2. General Conditions and Interpretation

2.1 Inspections

The Permit Holder must forthwith, upon presentation of credentials, permit a Provincial Officer to carry out any and all inspections authorized by the OWRA, the *Environmental Protection Act*, R.S.O. 1990, the *Pesticides Act*, R.S.O. 1990, or the *Safe Drinking Water Act*, S. O. 2002.

2.2 Other Approvals

The issuance of, and compliance with this Permit, does not:

- (a) relieve the Permit Holder or any other person from any obligation to comply with any other applicable legal requirements, including the provisions of the *Ontario Water Resources Act*, and the *Environmental Protection Act*, and any regulations made thereunder; or
- (b) limit in any way any authority of the Ministry, a Director, or a Provincial Officer, including the authority to require certain steps be taken or to require the Permit Holder to furnish any further information related to this Permit.

2.3 Information

The receipt of any information by the Ministry, the failure of the Ministry to take any action or require any person to take any action in relation to the information, or the failure of a Provincial Officer to prosecute any person in relation to the information, shall not be construed as:

(a) an approval, waiver or justification by the Ministry of any act or omission of any person that contravenes this Permit or other legal requirement; or

(b) acceptance by the Ministry of the information's completeness or accuracy.

2.4 Rights of Action

The issuance of, and compliance with this Permit shall not be construed as precluding or limiting any legal claims or rights of action that any person, including the Crown in right of Ontario or any agency thereof, has or may have against the Permit Holder, its officers, employees, agents, and contractors.

2.5 Severability

The requirements of this Permit are severable. If any requirements of this Permit, or the application of any requirements of this Permit to any circumstance, is held invalid or unenforceable, the application of such requirements to other circumstances and the remainder of this Permit shall not be affected thereby.

2.6 Conflicts

Where there is a conflict between a provision of any submitted document referred to in this Permit, including its Schedules, and the conditions of this Permit, the conditions in this Permit shall take precedence.

3. Water Takings Authorized by This Permit

3.1 Expiry

This Permit expires on **March 31, 2027**. No water shall be taken under authority of this Permit after the expiry date.

3.2 Amounts of Taking Permitted

The Permit Holder shall only take water from the source, during the periods and at the rates and amounts of taking specified in Table A. Water takings are authorized only for the purposes specified in Table A.

Table A

	Source Name / Description:	Source: Type:	Taking Specific Purpose:	Taking Major Category:	Max. Taken per Minute (litres):	Max. Num. of Hrs Taken per Day:	Max. Taken per Day (litres):	Max. Num. of Days Taken per Year:	Zone/ Easting/ Northing:
1	Wash Pond	Pond Dugout	Aggregate Washing	Industrial	4,000	10	2,400,000	230	17 561589 4887164
						Total Taking:	2,400,000		

- 3.3 Water taking under the authorization of this Permit shall only occur to a maximum of 230 days between April 1 and November 16 of each year from date of issue to March 31, 2027.
- 3.4 This Permit is issued for the sole purpose of washing gravel in a closed loop system where the majority of the water is recirculated and does not include dust suppression.
- 3.5 Prior to taking of water under this Permit, the Permit Holder shall ensure that any and all applicable permits or authorizations are obtained from Federal and Provincial Agencies having legislative mandates in water resources management.

4. Monitoring

- 4.1 Under section 9 of O. Reg. 387/04, and as authorized by subsection 34(6) of the *Ontario Water Resources Act*, the Permit Holder shall, on each day water is taken under the authorization of this Permit, record the date, the volume of water taken on that date and the rate at which it was taken. The daily volume of water taken shall be measured by a flow meter or calculated in accordance with the method described in the application for this Permit, or as otherwise accepted by the Director. The Permit Holder shall keep all records required by this condition current and available at or near the site of the taking and shall produce the records immediately for inspection by a Provincial Officer upon his or her request. The Permit Holder, unless otherwise required by the Director, shall submit, on or before March 31st in every year, the records required by this condition to the ministry's Water Taking Reporting System.
- 4.2 The Permit Holder shall monitor water levels at the following monitoring points as described below:

Well No. /Pond Name	Water Level Elevations	
	Continuous Datalogger (4-hour intervals)	Monthly Manuals

Wash Pond (during unfrozen conditions)	X	X
OW2-A	X	X
OW2-B	X	X
OW2-C	X	X
OW3-A	X	X
OW3-B	X	X
OW4-A	X	X
OW4-B	X	X
OW4-C	X	X
OW5-A	X	X
OW5-B	X	X
OW5-C	X	X
OW6-A	X	X
OW7-A	X	X
OW7-C	X	X
OW8-A	X	X
OW8-B	X	X
OW9-A	X	X
OW10-A	X	X
OW10-B	X	X
OW11-A	X	X
OW11-C	X	X
OW12-A	X	X
OW13-A	X	X
North Pond	X	X
South Pond	X	X

- 4.3 The Permit Holder shall submit to the Director by March 31, 2019, a report with the monitoring data collected under Sections 4.1 and 4.2 of this Permit during the first two years of the aggregate washing operation, along with its interpretation; the report should include an assessment of the impact of the water taking, if any, on the surface water features (wetland) adjacent to the Wash Pond. The report should also include recommendations on modifications to the water taking and/or to the monitoring program as described in this Permit.

5. Impacts of the Water Taking

5.1 Notification

The Permit Holder shall immediately notify the local District Office of any complaint arising from the taking of water authorized under this Permit and shall report any action which has been taken or is proposed with regard to such complaint. The Permit Holder shall immediately notify the local District Office if the taking of water is observed to have any significant impact on the surrounding waters. After hours, calls shall be directed to the Ministry's Spills Action Centre at 1-800-268-6060.

5.2 For Groundwater Takings

If the taking of water is observed to cause any negative impact to other water supplies obtained from any adequate sources that were in use prior to initial issuance of a Permit for this water taking, the Permit Holder shall take such action necessary to make available to those affected, a supply of water equivalent in quantity and quality to their normal takings, or shall compensate such persons for their reasonable costs of so doing, or shall reduce the rate and amount of taking to prevent or alleviate the observed negative impact. Pending permanent restoration of the affected supplies, the Permit Holder shall provide, to those affected, temporary water supplies adequate to meet their normal requirements, or shall compensate such persons for their reasonable costs of doing so.

If permanent interference is caused by the water taking, the Permit Holder shall restore the water supplies of those permanently affected.

6. Director May Amend Permit

The Director may amend this Permit by letter requiring the Permit Holder to suspend or reduce the taking to an amount or threshold specified by the Director in the letter. The suspension or reduction in taking shall be effective immediately and may be revoked at any time upon notification by the Director. This condition does not affect your right to appeal the suspension or reduction in taking to the Environmental Review Tribunal under the *Ontario Water Resources Act*, Section 100 (4).

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is included to ensure that the conditions in this Permit are complied with and can be enforced.
2. Condition 2 is included to clarify the legal interpretation of aspects of this Permit.
3. Conditions 3 through 6 are included to protect the quality of the natural environment so as to safeguard the ecosystem and human health and foster efficient use and conservation of waters. These conditions allow for the beneficial use of waters while ensuring the fair sharing, conservation and sustainable use of the waters of Ontario. The conditions also specify the water takings that are authorized by this Permit and the scope of this Permit.

*In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, you may by written notice served upon me, the Environmental Review Tribunal and the Environmental Commissioner, **Environmental Bill of Rights**, R.S.O. 1993, Chapter 28, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 101 of the Ontario Water Resources Act, as amended provides that the Notice requiring a hearing shall state:*

1. The portions of the Permit or each term or condition in the Permit in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

In addition to these legal requirements, the Notice should also include:

- a. The name of the appellant;
- b. The address of the appellant;
- c. The Permit to Take Water number;
- d. The date of the Permit to Take Water;
- e. The name of the Director;
- f. The municipality within which the works are located;

This notice must be served upon:

*The Secretary
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto ON
M5G 1E5
Fax: (416) 326-5370
Email:
ERTTribunalsecretary@ontario.ca*

AND

*The Environmental Commissioner
1075 Bay Street
6th Floor, Suite 605
Toronto, Ontario M5S 2W5*

AND

*The Director, Section 34.1,
Ministry of the Environment and
Climate Change
12th Floor
119 King St W
Hamilton ON L8P 4Y7
Fax: (905) 521-7820*

Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal:

by Telephone at

(416) 212-6349

Toll Free 1(866) 448-2248

by Fax at

(416) 326-5370

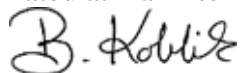
Toll Free 1(844) 213-3474

by e-mail at

www.ert.gov.on.ca

*This instrument is subject to Section 38 of the **Environmental Bill of Rights** that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek to appeal for 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry, you can determine when the leave to appeal period ends.*

Dated at Hamilton this 8th day of May, 2017.



Belinda Koblik

Director, Section 34.1

Ontario Water Resources Act , R.S.O. 1990

Schedule A

This Schedule "A" forms part of Permit To Take Water 3210-AKRL9C, dated May 8, 2017.

1. Hydrogeological Assessment in Support an OWRA Sec 34 PTTW, Shelburne South Pit, dated December, 2016, prepared by Whitewater Hydrogeology Ltd. for Strada Aggregates.
2. 2016 Compliance Groundwater Monitoring Report, Shelburne South Pit, dated January 2017, prepared by Whitewater Hydrogeology Ltd. for Strada Aggregates.

APPENDIX B
INTEGRATED MONITORING PROGRAM

Strada Aggregates Melancthon Pits – Integrated Monitoring Plan

February 2018

Background

The Strada Melancthon Pits consist of:

- Pit #1 (Licence # 129167) located at West Half of Lot 13, Concession 3 O.S., licenced in 2004;
- Pit #2 (Licence # 625155) located at West Half of Part Lot 11 and 12, Concession 3 O.S., licenced in 2012; and
- The proposed Bonnefield and Prince extension lands located at Part of West Half of Lots 12 and 14, Concession 3 O.S.

The proposed Prince and Bonnefield extensions will be fully integrated with existing aggregate operations at Melancthon Pits #1 and #2. The existing operations require monitoring and annual reporting with respect to the water table, water quality and the natural environment. Hydrogeological and natural environment investigations for the proposed extension have recommended expansion of the monitoring programs to include the additional lands. The Ministry of Natural Resources and Forestry (MNRF) has requested an Integrated Monitoring Plan to consolidate the existing and proposed monitoring requirements.

Natural Environment

Amphibian Monitoring

Annual monitoring of the wetlands for the presence of breeding amphibians was originally recommended in the Level 2 Natural Environment Assessment (NEA) report for Melancthon Pit #2, as well as surface and groundwater monitoring to assess water level fluctuations (NRSI 2010). The implementation of an amphibian monitoring program was further requested by the Nottawasaga Valley Conservation Authority (NVCA) and Michalski Nielson in their review of the Level 2 NEA report.

NRSI has undertaken annual amphibian monitoring at the wetlands located adjacent to Melancthon Pit #2 since 2013. Initial amphibian call surveys were undertaken in 2009.

Of the two proposed pit areas, only the Bonnefield Pit property contains wetland habitat (outside the extraction area). Surveys completed in 2016 recorded the presence of breeding amphibians. To ensure that the proposed pit does not negatively impact the wetland and its amphibian breeding habitat function it was recommended that the existing amphibian monitoring program for Melancthon Pit #2 be expanded to include the Bonnefield Pit to maximize efficiencies, and achieve consistency in methodology and data comparability.

Annual amphibian call surveys that were initiated at Melancthon Pit #2 will continue for the duration of the lifespan of the pit, as was originally proposed. Beginning in 2018, NRSI will initiate annual monitoring of the Bonnefield property wetland which will also be undertaken for the lifespan of that pit. Annual monitoring of the Bonnefield Pit wetland will build on NRSI's 2016 amphibian call surveys on the property

to inform the NEA report. See **Map 1** for the location of the existing monitoring stations at Melancthon Pit #2 in addition to the single monitoring station at the Bonnefield Pit wetland. Since no amphibian calling activity was documented within the Bonnefield property vernal pool during 2016 surveys, despite the presence of standing water, additional long-term monitoring of the vernal pool is not included in this plan. However, if amphibian calling activity is heard within the vernal pool during future monitoring years, an additional monitoring station will be established at this location and will be monitored annually.

Proposed monitoring at the Bonnefield Pit wetland will document additional baseline data on breeding amphibian species presence and relative abundance prior to aggregate extraction, followed by multiple years of operational-stage monitoring. As has been completed for Melancthon Pit #2, long-term data will be collected to identify trends or other indicators that will be used to assess any negative occurrences to amphibian breeding activity that may be the result of pit activities. The amphibian survey data collected at the Bonnefield and Melancthon Pit #2 sites will also be compared to look for spatial trends, or any similarities or differences in survey results over time that may indicate presence of localized or widespread pit operation effects.

In accordance with survey methodology completed to date, the monitoring program will utilize the Marsh Monitoring Program methodology (BSC 2009), which records amphibian call activity during 3-minute call counts. Counts will be conducted once per month during each of April, May and June in conjunction with appropriate night time air temperatures and wind speeds. If the provincial Species of Conservation Concern Western Chorus Frog (*Pseudacris triseriata*) is detected during any monitoring event, additional monitoring events may be added to fully document the abundance and distribution of this species within the surveyed wetlands.

A brief summary report, combining the results collected from the Melancthon Pit #2 site with the Bonnefield Pit site, will be prepared each year which outlines the findings of the annual monitoring. This will include an assessment of the surface water and groundwater monitoring data to be collected by Whitewater Hydrogeology within both properties (Whitewater Hydrogeology 2017) as it relates to amphibian breeding conditions. Each annual report will be provided to Strada for their review, and then to the NVCA and the Township of Melancthon.

Woodland Buffer

The deciduous woodland communities within the Bonnefield and Prince extension lands will be retained outside the proposed limit of extraction. 10 metre woodland buffers have been recommended to protect these features and mitigate impacts from adjacent extraction activities. The woodland buffers will be allowed to re-naturalize and will be supplemented with targeted native species plantings.

The woodland buffers will be inspected during pit operations to ensure disturbances are not occurring. The health and survival of buffer planting will also be inspected.

Hydrogeology

Compliance groundwater and surface water monitoring has been occurring at both Melancthon Pit #1 and #2 since 2001 and 2007, respectively. In addition, baseline groundwater monitoring commenced in

2017 at the Bonnefield and Prince properties. In total, there are currently 28 groundwater well nests that monitor 52 discrete aquifer intervals in the overburden and bedrock aquifers. The Melancthon Pit #1 and #2 groundwater monitoring programs were developed to characterize the local groundwater conditions at each individual property and were based on two operating pits (two scale houses, two fuel storage areas, and multiple crushing and processing operations). The proposed licensing of the Bonnefield and Prince properties provides an opportunity to not only streamline operations by eliminating the need to operate as individual pits but to develop a revised groundwater monitoring program. The revision would remove redundancies in the monitoring network and reporting allowing for an opportunity to complete an accumulative impact assessment from the Strada properties.

The revised groundwater monitoring program is shown on **Map 2**. The revised program consists of 22 groundwater well nests that monitor 36 discrete aquifer intervals in the overburden and bedrock aquifers.

The proposed program focuses on the on going monitoring of background conditions (up gradient locations) in both the overburden and bedrock aquifers and the monitoring of potential influences from the aggregate operation on down gradient locations. The proposed groundwater monitoring program is provided in **Table 1**. Selected up gradient and down gradient wells will be sampled for water quality. The water quality parameters for the semi annual (spring and fall) and annual (spring) sampling programs are provided in **Table 2**.

Surface water elevation monitoring has been on-going at the North and South Ponds (Map 2), since 2007. Two additional surface water monitoring stations to monitor the hydro-period in the wetland and vernal pool (Map 2) will commence in 2018. This monitoring will consist of the collection of continuous water level data during non-frozen conditions. Data will be assessed in conjunction with the groundwater monitoring data as part of the annual reporting requirement.

Table 1 – Proposed Groundwater Monitoring Network

Well ID	Water Levels		Water Quality	
	Monthly	Manual Water	Semi-Annual	Annual
OW2-A	X		X	
OW2-B	X		X	
OW3-B	X		X	
OW4-A	X		X	
OW4-B	X		X	
OW5-A	X		X	X
OW5-B	X		X	
OW6-A	X		X	X
OW7-A	X		X	X
OW7-B	X		X	
OW8-A	X		X	X
OW9-A	X		X	X
OW10-A	X		X	X
OW11-A	X		X	X
OW11-B	X		X	
OW12-A	X		X	X

Well ID	Water Levels		Water Quality	
	Monthly	Manual Water	Semi-Annual	Annual
OW13-A	X		X	
OW13-B	X		X	
OW14-B	X		X	X
OW15-B	X			
OW16-B	X		X	X
OW17-A	X			
OW17-B	X			
OW18-A	X		X	X
OW18-B	X		X	
OW19-A	X			
OW19-B	X		X	
OW20-B	X		X	X
OW21-B	X		X	x
OW22-B	X		X	
OW23-B	X		X	

Note: the collection of continuous water levels at selected groundwater monitoring locations is recommended.

Table 2 – Proposed Water Quality Parameters

Semi-Annual Groundwater Quality Parameters	Annual Groundwater Quality Parameters
General Water Quality Parameters: pH, Conductivity, Alkalinity, Bicarbonate, Chloride, Calcium, Magnesium, Potassium, Sodium, Sulphate, Nitrate, Nitrite, Phosphorous, and Metals (dissolved).	Total Petroleum Hydrocarbons (F1-F4) BTEX, Total Oil and Grease

It is recommended that a single annual groundwater monitoring report for the Melancthon Pits #1 and 2, as well as the proposed Bonnefield and Prince Pits be prepared and submitted to the MNRF, Township of Melancthon and NVCA prior to March 31st of each year and include the monitoring data for the 12 month period ending December 31st of the previous year. The report shall include, but not be limited to, the following:

1. Monitoring data collected as per Table 1 and Table 2;
2. Data in tabulated and graphical formats;
3. Interpretation of the collected data including discussions of any observed trends in groundwater levels and groundwater quality (analytical) results;
4. Recommendations on and justification for the need for make changes to monitoring locations, monitoring frequency, type of monitoring, pumping patterns and/or the need for mitigation, and
5. Summary and documentation of any water well complaint(s) and their resolution(s).

561400 561500 561600 561700 561800 561900 562000

4887700
4887600
4887500
4887400
4887300
4887200
4887100
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4886900
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4887200
4887100
4887000
4886900
4886800
4886700
4886600

Map 1
**Melancthon #2 and
 Bonnefield Pits**
Anuran Monitoring Stations

NATURAL RESOURCE SOLUTIONS INC.
 Aquatic, Terrestrial and Wetland Biologists

Date: November 7, 2017
 Project: NRSI-1748
 Scale: 1:3,000
 NAD83 - UTM Zone 17

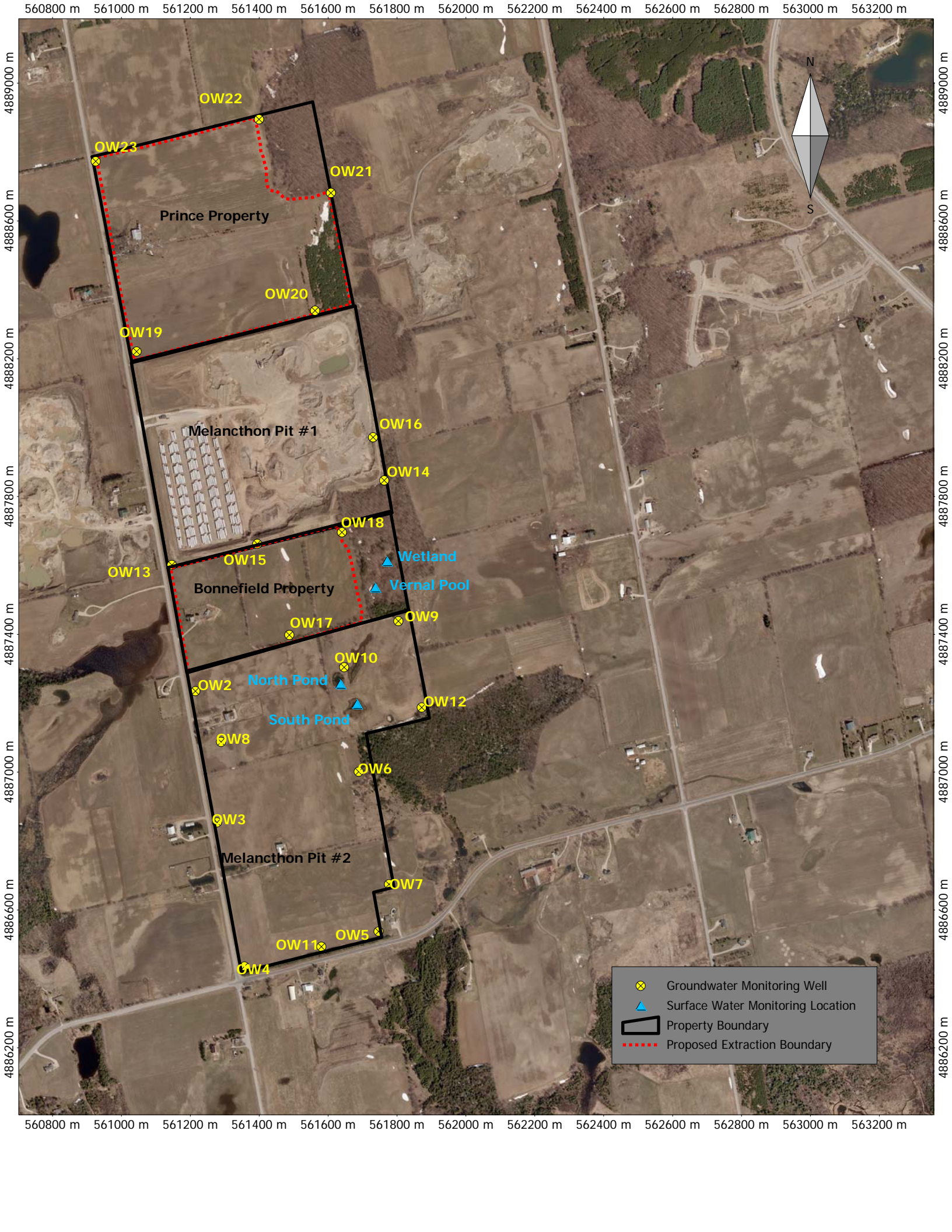






Legend

- Subject Property
- Anuran Monitoring Station (ANR)
- Direction of Survey
- Surveyed Wetland Boundary
- Wetland (Boundaries Approximate)

Map Produced by Natural Resource Solutions Inc.
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	Groundwater Monitoring Well
	Surface Water Monitoring Location
	Property Boundary
	Proposed Extraction Boundary

APPENDIX C
GROUNDWATER AND SURFACE WATER
QUALITY



CERTIFICATE OF ANALYSIS

Client:	Tecia White	Work Order Number:	466358
Company:	Whitewater Hydrogeology Ltd.	PO #:	
Address:	8537 36/37 Nottawasaga SR RR1 Collingwood, ON, L9Y 3Y9	Regulation:	None
Phone:	(705) 888-7064	Project #:	Strada Shedburne Semi-Annual Groundwater
Email:	tecia@white-water.ca	DWS #:	
		Sampled By:	Steve Vanderhorst
Date Order Received:	6/15/2022	Analysis Started:	6/16/2022
Arrival Temperature:	15.3 °C	Analysis Completed:	6/20/2022

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Type	Comments	Date Collected	Time Collected
OW 3B	1766332	Ground Water	None		6/10/2022	12:00 PM
OW 4A	1766333	Ground Water	None	SAMPLE CONTAINED RESULT EXCEEDENCES.	6/10/2022	12:00 PM
OW 4B	1766334	Ground Water	None		6/10/2022	12:00 PM
OW 5A	1766335	Ground Water	None		6/10/2022	12:00 PM
OW 5B	1766336	Ground Water	None	SAMPLE CONTAINED RESULT EXCEEDENCES.	6/10/2022	12:00 PM
OW 6A	1766337	Ground Water	None		6/10/2022	12:00 PM
OW 7A	1766338	Ground Water	None		6/10/2022	12:00 PM
OW 7B	1766339	Ground Water	None		6/10/2022	12:00 PM
OW 8A	1766340	Ground Water	None	SAMPLE CONTAINED RESULT EXCEEDENCES.	6/10/2022	12:00 PM
OW 9A	1766341	Ground Water	None		6/10/2022	12:00 PM
OW 10A	1766342	Ground Water	None		6/10/2022	12:00 PM
OW 12A	1766343	Ground Water	None		6/10/2022	12:00 PM
OW 13A	1766344	Ground Water	None		6/10/2022	12:00 PM
OW 13B	1766345	Ground Water	None		6/10/2022	12:00 PM
OW 14B	1766346	Ground Water	None		6/10/2022	12:00 PM
OW 18A	1766347	Ground Water	None		6/10/2022	12:00 PM
OW 19B	1766348	Ground Water	None		6/10/2022	12:00 PM



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	Lab ID	Matrix	Type	Comments	Date Collected	Time Collected
OW 20B	1766349	Ground Water	None		6/10/2022	12:00 PM
OW 21B	1766350	Ground Water	None		6/10/2022	12:00 PM
OW 22B	1766351	Ground Water	None		6/10/2022	12:00 PM
OW 23B	1766352	Ground Water	None		6/10/2022	12:00 PM
North Pond	1766353	Ground Water	None		6/10/2022	12:00 PM
South Pond	1766354	Ground Water	None		6/10/2022	12:00 PM
Wash Pond	1766355	Ground Water	None		6/10/2022	12:00 PM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
Alkalinity (A1.0)	Mississauga	Determination of Alkalinity by Titration	Modified from APHA-2320B
Anions Water (mg/L by IC) (A5)	Mississauga	Determination of Anions in Water by Ion Chromatography	Modified from SW846-9056A
Carbonate (A94)	Mississauga	Determination of Carbonate and Bi-Carbonate	Modified from APHA-2320
Conductivity of Water (A12)	Mississauga	Determination of Conductivity in Water at 25°C	Modified from SM 2510 B
ICPMS Dis. Water (A13)	Mississauga	Determination of Dissolved (Lab Filtered) Metals in Water by ICP/MS	Modified from SW846-6020
ICPMS Reg. Water (A13)	Mississauga	Determination of Metals in Water by ICP/MS	Modified from SW846-6020
pH of Water (A2.0)	Mississauga	Determination of Water pH by Ion Selective Electrode	Modified from APHA-4500H+ B
TP Water (A23.2)	Garson	Determination of Total Phosphorus in Water.	Modified from EPA 365.3 and ESS 310.2,

REPORT COMMENTS

Non-Testmark container received for sample 7A 06/15/22 TJ

This report has been approved by:

Marc Creighton
Laboratory Director



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

WORK ORDER RESULTS

Sample Description	OW 3B		OW 4A		OW 4B		OW 5A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766332		1766333		1766334		1766335			
Anions	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Chloride	62.5	0.2	18.2	0.2	23.6	0.2	41.1	0.2	mg/L	250
Nitrate (as N)	9.82	0.05	13.80	0.05	3.45	0.05	3.20	0.05	mg/L	10
Nitrite (as N)	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	1
Sulphate	14.2	0.3	11.5	0.3	15.6	0.3	18.5	0.3	mg/L	500

Sample Description	OW 5B		OW 6A		OW 7A		OW 7B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766336		1766337		1766338		1766339			
Anions	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Chloride	45.0	0.2	23.9	0.2	20.7	0.2	2.2	0.2	mg/L	250
Nitrate (as N)	3.13	0.05	2.13	0.05	1.27	0.05	<0.05	0.05	mg/L	10
Nitrite (as N)	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	1
Sulphate	14.1	0.3	21.5	0.3	22.5	0.3	<0.3	0.3	mg/L	500

Sample Description	OW 8A		OW 9A		OW 10A		OW 12A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766340		1766341		1766342		1766343			
Anions	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Chloride	35.4	0.2	10.7	0.2	6.7	0.2	2.0	0.2	mg/L	250
Nitrate (as N)	11.10	0.05	2.13	0.05	0.72	0.05	1.09	0.05	mg/L	10
Nitrite (as N)	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	1
Sulphate	9.0	0.3	7.3	0.3	26.4	0.3	1.4	0.3	mg/L	500



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 13A		OW 13B		OW 14B		OW 18A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766344		1766345		1766346		1766347			
Anions	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Chloride	8.9	0.2	9.4	0.2	4.0	0.2	5.5	0.2	mg/L	250
Nitrate (as N)	1.61	0.05	1.85	0.05	1.55	0.05	1.50	0.05	mg/L	10
Nitrite (as N)	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	1
Sulphate	22.5	0.3	8.3	0.3	11.0	0.3	6.8	0.3	mg/L	500
Sample Description	OW 19B		OW 20B		OW 21B		OW 22B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766348		1766349		1766350		1766351			
Anions	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Chloride	15.3	0.2	3.3	0.2	1.8	0.2	16.5	0.2	mg/L	250
Nitrate (as N)	4.24	0.05	5.20	0.05	0.63	0.05	8.34	0.05	mg/L	10
Nitrite (as N)	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	1
Sulphate	19.9	0.3	6.9	0.3	11.1	0.3	39.2	0.3	mg/L	500
Sample Description	OW 23B		North Pond		South Pond		Wash Pond			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766352		1766353		1766354		1766355			
Anions	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Chloride	16.2	0.2	7.4	0.2	12.5	0.2	33.1	0.2	mg/L	250
Nitrate (as N)	9.02	0.05	0.06	0.05	<0.05	0.05	2.37	0.05	mg/L	10
Nitrite (as N)	<0.05	0.05	<0.05	0.05	<0.05	0.05	0.07	0.05	mg/L	1
Sulphate	19.7	0.3	3.2	0.3	4.7	0.3	22.4	0.3	mg/L	500



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 3B		OW 4A		OW 4B		OW 5A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766332		1766333		1766334		1766335			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Bicarbonate (Calc.)	302	1	312	1	335	1	236	1	mg/L as CaCO3	~
Carbonate (Calc.)	3	1	2	1	3	1	3	1	mg/L as CaCO3	~
Conductivity	797	1	731	1	721	1	624	1	µS/cm	~
M-Alkalinity (pH 4.5)	305	2	314	2	338	2	239	2	mg/L as CaCO3	~
pH	7.97	N/A	7.92	N/A	7.94	N/A	8.07	N/A	pH	~
Total Phosphorus (as P)	0.379	0.002	0.077	0.002	0.058	0.002	0.009	0.002	mg/L	~

Sample Description	OW 5B		OW 6A		OW 7A		OW 7B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766336		1766337		1766338		1766339			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Bicarbonate (Calc.)	282	1	185	1	197	1	69	1	mg/L as CaCO3	~
Carbonate (Calc.)	3	1	2	1	2	1	3	1	mg/L as CaCO3	~
Conductivity	721	1	472	1	481	1	137	1	µS/cm	~
M-Alkalinity (pH 4.5)	285	2	187	2	199	2	71	2	mg/L as CaCO3	~
pH	8	N/A	8.14	N/A	8.03	N/A	8.58	N/A	pH	~
Total Phosphorus (as P)	<0.002	0.002	<0.002	0.002	<0.002	0.002	0.013	0.002	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 8A		OW 9A		OW 10A		OW 12A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766340		1766341		1766342		1766343			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Bicarbonate (Calc.)	273	1	283	1	203	1	170	1	mg/L as CaCO3	~
Carbonate (Calc.)	3	1	2	1	2	1	2	1	mg/L as CaCO3	~
Conductivity	714	1	585	1	379	1	284	1	µS/cm	~
M-Alkalinity (pH 4.5)	276	2	285	2	205	2	171	2	mg/L as CaCO3	~
pH	8	N/A	7.95	N/A	7.94	N/A	7.96	N/A	pH	~
Total Phosphorus (as P)	<0.002	0.002	0.040	0.002	<0.002	0.002	<0.002	0.002	mg/L	~

Sample Description	OW 13A		OW 13B		OW 14B		OW 18A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766344		1766345		1766346		1766347			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Bicarbonate (Calc.)	272	1	266	1	179	1	204	1	mg/L as CaCO3	~
Carbonate (Calc.)	2	1	2	1	2	1	2	1	mg/L as CaCO3	~
Conductivity	491	1	511	1	353	1	410	1	µS/cm	~
M-Alkalinity (pH 4.5)	274	2	268	2	181	2	206	2	mg/L as CaCO3	~
pH	7.98	N/A	7.99	N/A	8.01	N/A	7.97	N/A	pH	~
Total Phosphorus (as P)	<0.002	0.002	0.002	0.002	0.043	0.002	0.277	0.002	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 19B		OW 20B		OW 21B		OW 22B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766348		1766349		1766350		1766351			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Bicarbonate (Calc.)	313	1	228	1	249	1	193	1	mg/L as CaCO3	~
Carbonate (Calc.)	4	1	2	1	2	1	2	1	mg/L as CaCO3	~
Conductivity	708	1	451	1	441	1	486	1	µS/cm	~
M-Alkalinity (pH 4.5)	317	2	230	2	251	2	195	2	mg/L as CaCO3	~
pH	8.13	N/A	7.99	N/A	7.96	N/A	8.05	N/A	pH	~
Total Phosphorus (as P)	0.016	0.002	0.146	0.002	0.062 [0.066]	0.002	<0.002	0.002	mg/L	~

Sample Description	OW 23B		North Pond		South Pond		Wash Pond			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766352		1766353		1766354		1766355			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Bicarbonate (Calc.)	193	1	223	1	252	1	122	1	mg/L as CaCO3	~
Carbonate (Calc.)	2	1	2	1	1	1	2	1	mg/L as CaCO3	~
Conductivity	470	1	421	1	507	1	397	1	µS/cm	~
M-Alkalinity (pH 4.5)	195	2	225	2	253	2	124	2	mg/L as CaCO3	~
pH	8.01	N/A	8.02	N/A	7.74	N/A	8.21	N/A	pH	~
Total Phosphorus (as P)	<0.002	0.002	0.018	0.002	0.458	0.002	0.021	0.002	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 3B		OW 4A		OW 4B		OW 5A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766332		1766333		1766334		1766335			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Calcium	243000	500	385000	500	94800	500	64900	500	ug/L	~
Magnesium	44400	5	79500	50	22400	5	15500	5	ug/L	~
Potassium	1740	100	2030	100	2230	100	1750	100	ug/L	~
Sodium	16400	100	10300	100	11900	100	17900	100	ug/L	20000

Sample Description	OW 5B		OW 6A		OW 7A		OW 7B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766336		1766337		1766338		1766339			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Calcium	91100 [86400]	500	62900	500	62500	500	6170	50	ug/L	~
Magnesium	20100 [21900]	5	15700	5	13600	5	13400	5	ug/L	~
Potassium	2110 [2330]	100	2360	100	1270	100	870	100	ug/L	~
Sodium	24600 [25900]	100	6500	100	5150	100	1850	100	ug/L	20000

Sample Description	OW 8A		OW 9A		OW 10A		OW 12A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766340		1766341		1766342		1766343			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Calcium	71400	500	100000	500	50700	500	50900	500	ug/L	~
Magnesium	25500	5	14000	5	16700	5	4680	5	ug/L	~
Potassium	850	100	780	100	1240	100	490	100	ug/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 8A		OW 9A		OW 10A		OW 12A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766340		1766341		1766342		1766343			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Sodium	7780	100	2100	100	5100	100	1880	100	ug/L	20000

Sample Description	OW 13A		OW 13B		OW 14B		OW 18A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766344		1766345		1766346		1766347			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Calcium	76400	500	66700	500	51300	500	58900	500	ug/L	~
Magnesium	19800	5	16500	5	12400	5	15300	5	ug/L	~
Potassium	1100	100	1050	100	620	100	930	100	ug/L	~
Sodium	5590	100	6170	100	2590	100	2100	100	ug/L	20000

Sample Description	OW 19B		OW 20B		OW 21B		OW 22B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766348		1766349		1766350		1766351			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Calcium	95900	500	114000	500	62400	500	54400	500	ug/L	~
Magnesium	25500	5	31800	5	19100	5	25400	5	ug/L	~
Potassium	5730	100	1080	100	840	100	660	100	ug/L	~
Sodium	3570	100	3980	100	2970	100	3020	100	ug/L	20000



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 23B		North Pond		South Pond		Wash Pond			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766352		1766353		1766354		1766355			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Calcium	48000	500	69100	500	71400	500	43100	500	ug/L	~
Magnesium	25800	5	11600	5	13500	5	15800	5	ug/L	~
Potassium	1110	100	2160	100	6090	100	2670	100	ug/L	~
Sodium	3220	100	2390	100	3230	100	8300	100	ug/L	20000

Sample Description	OW 3B		OW 4A		OW 4B		OW 5A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766332		1766333		1766334		1766335			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Aluminum	0.014	0.002	0.034	0.002	0.003	0.002	0.017	0.002	mg/L	~
Dissolved Antimony	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Arsenic	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Barium	0.057	0.001	0.045	0.001	0.044	0.001	0.032	0.001	mg/L	~
Dissolved Beryllium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Bismuth	<0.001	0.001	0.005	0.001	0.002	0.001	0.002	0.001	mg/L	~
Dissolved Boron	0.009	0.002	0.007	0.002	0.008	0.002	0.008	0.002	mg/L	~
Dissolved Cadmium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Calcium	134.0	0.5	130.0	0.5	112.0	0.5	87.2	0.5	mg/L	~
Dissolved Cerium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Cesium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Chromium	0.004	0.001	0.004	0.001	0.005	0.001	0.004	0.001	mg/L	~
Dissolved Cobalt	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Copper	0.001	0.001	<0.001	0.001	<0.001	0.001	0.001	0.001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 3B		OW 4A		OW 4B		OW 5A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766332		1766333		1766334		1766335			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Europium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Gallium	0.003	0.001	0.002	0.001	0.002	0.001	0.001	0.001	mg/L	~
Dissolved Iron	0.16	0.02	0.18	0.02	0.16	0.02	0.12	0.02	mg/L	~
Dissolved Lanthanum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Lead	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Lithium	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	mg/L	~
Dissolved Magnesium	27.500	0.005	25.300	0.005	24.600	0.005	23.100	0.005	mg/L	~
Dissolved Manganese	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.001	mg/L	~
Dissolved Mercury	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Molybdenum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Nickel	0.003	0.001	0.003	0.001	0.003	0.001	0.002	0.001	mg/L	~
Dissolved Niobium	<0.001	0.001	0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Phosphorus	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	~
Dissolved Potassium	2.1	0.1	1.7	0.1	3.2	0.1	3.0	0.1	mg/L	~
Dissolved Rubidium	0.001	0.001	0.002	0.001	0.003	0.001	<0.001	0.001	mg/L	~
Dissolved Scandium	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.001	mg/L	~
Dissolved Selenium	0.0006	0.0005	0.0006	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Silicon	5.5	0.6	4.8	0.6	6.0	0.6	4.3	0.6	mg/L	~
Dissolved Silver	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Sodium	20.1	0.1	9.8	0.1	15.4	0.1	27.3	0.1	mg/L	~
Dissolved Strontium	0.199	0.001	0.192	0.001	0.180	0.001	0.128	0.001	mg/L	~
Dissolved Sulfur	6.5	0.8	5.8	0.8	5.9	0.8	9.5	0.8	mg/L	~
Dissolved Tellurium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Thallium	0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 3B		OW 4A		OW 4B		OW 5A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766332		1766333		1766334		1766335			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Thorium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tin	<0.001	0.001	0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Titanium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tungsten	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Uranium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Vanadium	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	mg/L	~
Dissolved Yttrium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Zinc	0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Zirconium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~

Sample Description	OW 5B		OW 6A		OW 7A		OW 7B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766336		1766337		1766338		1766339			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Aluminum	0.004	0.002	<0.002	0.002	0.016	0.002	<0.002	0.002	mg/L	~
Dissolved Antimony	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Arsenic	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Barium	0.035	0.001	0.051	0.001	0.048	0.001	0.001	0.001	mg/L	~
Dissolved Beryllium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Bismuth	0.001	0.001	0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Boron	0.009	0.002	0.018	0.002	0.008	0.002	0.009	0.002	mg/L	~
Dissolved Cadmium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Calcium	98.5	0.5	74.9	0.5	80.7	0.5	6.25	0.05	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 5B		OW 6A		OW 7A		OW 7B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766336		1766337		1766338		1766339			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Cerium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Cesium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Chromium	0.004	0.001	0.002	0.001	0.002	0.001	<0.001	0.001	mg/L	~
Dissolved Cobalt	0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Copper	0.001	0.001	<0.001	0.001	0.003	0.001	<0.001	0.001	mg/L	~
Dissolved Europium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Gallium	0.002	0.001	0.002	0.001	0.002	0.001	<0.001	0.001	mg/L	~
Dissolved Iron	0.16	0.02	0.08	0.02	0.08	0.02	<0.02	0.02	mg/L	~
Dissolved Lanthanum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Lead	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Lithium	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	mg/L	~
Dissolved Magnesium	27.300	0.005	19.400	0.005	16.000	0.005	17.200	0.005	mg/L	~
Dissolved Manganese	<0.001	0.001	<0.001	0.001	<0.001	0.001	0.038	0.001	mg/L	~
Dissolved Mercury	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Molybdenum	<0.001	0.001	<0.001	0.001	<0.001	0.001	0.005	0.001	mg/L	~
Dissolved Nickel	0.003	0.001	0.002	0.001	0.003	0.001	<0.001	0.001	mg/L	~
Dissolved Niobium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Phosphorus	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	~
Dissolved Potassium	3.3	0.1	3.2	0.1	2.1	0.1	1.1	0.1	mg/L	~
Dissolved Rubidium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Scandium	0.002	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Selenium	<0.0005	0.0005	0.0011	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Silicon	4.9	0.6	2.7	0.6	3.3	0.6	<0.6	0.6	mg/L	~
Dissolved Silver	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 5B		OW 6A		OW 7A		OW 7B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766336		1766337		1766338		1766339			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Sodium	27	1	8.1	0.1	7.3	0.1	2.4	0.1	mg/L	~
Dissolved Strontium	0.158	0.001	0.144	0.001	0.110	0.001	0.007	0.001	mg/L	~
Dissolved Sulfur	9.6	0.8	8.7	0.8	7.3	0.8	<0.8	0.8	mg/L	~
Dissolved Tellurium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Thallium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Thorium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tin	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Titanium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tungsten	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Uranium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Vanadium	0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Yttrium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Zinc	0.018	0.001	<0.001	0.001	0.018	0.001	<0.001	0.001	mg/L	~
Dissolved Zirconium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~

Sample Description	OW 8A		OW 9A		OW 10A		OW 12A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766340		1766341		1766342		1766343			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Aluminum	<0.002	0.002	0.007	0.002	<0.002	0.002	<0.002	0.002	mg/L	~
Dissolved Antimony	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Arsenic	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Barium	0.090	0.001	0.052	0.001	0.053	0.001	0.003	0.001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 8A		OW 9A		OW 10A		OW 12A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766340		1766341		1766342		1766343			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Beryllium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Bismuth	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Boron	0.005	0.002	0.005	0.002	0.014	0.002	0.003	0.002	mg/L	~
Dissolved Cadmium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Calcium	106.0	0.5	106.0	0.5	64.0	0.5	67.7	0.5	mg/L	~
Dissolved Cerium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Cesium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Chromium	0.007	0.001	0.004	0.001	0.003	0.001	0.003	0.001	mg/L	~
Dissolved Cobalt	0.0001	0.0001	0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Copper	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Europium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Gallium	0.004	0.001	0.002	0.001	0.002	0.001	<0.001	0.001	mg/L	~
Dissolved Iron	0.15	0.02	0.14	0.02	0.07	0.02	0.08	0.02	mg/L	~
Dissolved Lanthanum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Lead	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Lithium	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	mg/L	~
Dissolved Magnesium	38.100	0.005	19.000	0.005	24.200	0.005	6.680	0.005	mg/L	~
Dissolved Manganese	<0.001	0.001	0.013	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Mercury	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Molybdenum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Nickel	0.003	0.001	0.006	0.001	0.002	0.001	0.002	0.001	mg/L	~
Dissolved Niobium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Phosphorus	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	~
Dissolved Potassium	1.4	0.1	1.0	0.1	1.6	0.1	0.6	0.1	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 8A		OW 9A		OW 10A		OW 12A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766340		1766341		1766342		1766343			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Rubidium	<0.001	0.001	0.002	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Scandium	0.002	0.001	0.002	0.001	0.002	0.001	<0.001	0.001	mg/L	~
Dissolved Selenium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Silicon	7.5	0.6	5.6	0.6	5.7	0.6	2.9	0.6	mg/L	~
Dissolved Silver	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Sodium	9.8	0.1	2.8	0.1	8.9	0.1	2.5	0.1	mg/L	~
Dissolved Strontium	0.178	0.001	0.156	0.001	0.151	0.001	0.121	0.001	mg/L	~
Dissolved Sulfur	5.1	0.8	3.7	0.8	9.3	0.8	1.4	0.8	mg/L	~
Dissolved Tellurium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Thallium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Thorium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tin	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Titanium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tungsten	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Uranium	<0.001	0.001	<0.001	0.001	0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Vanadium	0.002	0.001	0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Yttrium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Zinc	<0.001	0.001	<0.001	0.001	0.031	0.001	<0.001	0.001	mg/L	~
Dissolved Zirconium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 13A		OW 13B		OW 14B		OW 18A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766344		1766345		1766346		1766347			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Aluminum	<0.002	0.002	<0.002	0.002	<0.002	0.002	<0.002	0.002	mg/L	~
Dissolved Antimony	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Arsenic	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Barium	0.033	0.001	0.037	0.001	0.036	0.001	0.039	0.001	mg/L	~
Dissolved Beryllium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Bismuth	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Boron	0.007	0.002	0.005	0.002	0.005	0.002	0.003	0.002	mg/L	~
Dissolved Cadmium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Calcium	105.0	0.5	95.6	0.5	69.9	0.5	73.3	0.5	mg/L	~
Dissolved Cerium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Cesium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Chromium	0.002	0.001	0.004	0.001	0.003	0.001	0.003	0.001	mg/L	~
Dissolved Cobalt	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Copper	<0.001	0.001	<0.001	0.001	0.001	0.001	0.001	0.001	mg/L	~
Dissolved Europium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Gallium	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	mg/L	~
Dissolved Iron	0.12	0.02	0.12	0.02	0.08	0.02	0.08	0.02	mg/L	~
Dissolved Lanthanum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Lead	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Lithium	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	mg/L	~
Dissolved Magnesium	27.300	0.005	24.400	0.005	16.700	0.005	16.700	0.005	mg/L	~
Dissolved Manganese	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Mercury	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Molybdenum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 13A		OW 13B		OW 14B		OW 18A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766344		1766345		1766346		1766347			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Nickel	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001	mg/L	~
Dissolved Niobium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Phosphorus	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05	0.05	mg/L	~
Dissolved Potassium	1.4	0.1	1.6	0.1	0.9	0.1	1.1	0.1	mg/L	~
Dissolved Rubidium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Scandium	0.001	0.001	0.001	0.001	0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Selenium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Silicon	5.1	0.6	4.9	0.6	4.3	0.6	3.4	0.6	mg/L	~
Dissolved Silver	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Sodium	8.3	0.1	8.8	0.1	3.4	0.1	2.4	0.1	mg/L	~
Dissolved Strontium	0.126	0.001	0.117	0.001	0.108	0.001	0.086	0.001	mg/L	~
Dissolved Sulfur	7.8	0.8	3.6	0.8	5.0	0.8	1.8	0.8	mg/L	~
Dissolved Tellurium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Thallium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Thorium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tin	<0.001	0.001	<0.001	0.001	0.002	0.001	<0.001	0.001	mg/L	~
Dissolved Titanium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tungsten	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Uranium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Vanadium	<0.001	0.001	0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Yttrium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Zinc	0.002	0.001	0.010	0.001	0.011	0.001	0.001	0.001	mg/L	~
Dissolved Zirconium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 19B		OW 20B		OW 21B		OW 22B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766348		1766349		1766350		1766351			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Aluminum	0.006	0.002	<0.002	0.002	0.012	0.002	<0.002 [<0.002]	0.002	mg/L	~
Dissolved Antimony	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005 [<0.0005]	0.0005	mg/L	~
Dissolved Arsenic	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Barium	0.14	0.01	0.063	0.001	0.060	0.001	0.065 [0.063]	0.001	mg/L	~
Dissolved Beryllium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005 [<0.0005]	0.0005	mg/L	~
Dissolved Bismuth	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Boron	0.015	0.002	0.006	0.002	0.005	0.002	0.006 [0.005]	0.002	mg/L	~
Dissolved Cadmium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001 [<0.0001]	0.0001	mg/L	~
Dissolved Calcium	121.0	0.5	70.0	0.5	68.1	0.5	64.8 [65.1]	0.5	mg/L	~
Dissolved Cerium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Cesium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Chromium	0.005	0.001	0.004	0.001	0.003	0.001	0.003 [0.003]	0.001	mg/L	~
Dissolved Cobalt	0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001 [<0.0001]	0.0001	mg/L	~
Dissolved Copper	0.002	0.001	<0.001	0.001	0.002	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Europium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Gallium	0.006	0.001	0.003	0.001	0.002	0.001	0.002 [0.002]	0.001	mg/L	~
Dissolved Iron	0.15	0.02	0.10	0.02	0.10	0.02	0.10 [0.10]	0.02	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 19B		OW 20B		OW 21B		OW 22B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766348		1766349		1766350		1766351			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Lanthanum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Lead	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001 [<0.0001]	0.0001	mg/L	~
Dissolved Lithium	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005 [<0.005]	0.005	mg/L	~
Dissolved Magnesium	35.300	0.005	26.600	0.005	26.700	0.005	31.700 [33.000]	0.005	mg/L	~
Dissolved Manganese	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Mercury	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001 [<0.0001]	0.0001	mg/L	~
Dissolved Molybdenum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Nickel	0.005	0.001	0.003	0.001	0.004	0.001	0.002 [0.002]	0.001	mg/L	~
Dissolved Niobium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Phosphorus	<0.05	0.05	<0.05	0.05	<0.05	0.05	<0.05 [<0.05]	0.05	mg/L	~
Dissolved Potassium	8.5	0.1	0.9	0.1	1.0	0.1	0.8 [0.9]	0.1	mg/L	~
Dissolved Rubidium	0.002	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Scandium	0.002	0.001	0.002	0.001	0.002	0.001	0.002 [0.002]	0.001	mg/L	~
Dissolved Selenium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	0.0006 [<0.0005]	0.0005	mg/L	~
Dissolved Silicon	6.4	0.6	5.4	0.6	5.1	0.6	5.4 [5.6]	0.6	mg/L	~
Dissolved Silver	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001 [<0.0001]	0.0001	mg/L	~
Dissolved Sodium	5.0	0.1	3.8	0.1	3.1	0.1	3.7 [3.8]	0.1	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 19B		OW 20B		OW 21B		OW 22B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766348		1766349		1766350		1766351			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Strontium	0.183	0.001	0.118	0.001	0.120	0.001	0.144 [0.149]	0.001	mg/L	~
Dissolved Sulfur	10.8	0.8	4.5	0.8	4.6	0.8	15.7 [15.3]	0.8	mg/L	~
Dissolved Tellurium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Thallium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001 [<0.0001]	0.0001	mg/L	~
Dissolved Thorium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Tin	<0.001	0.001	<0.001	0.001	0.002	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Titanium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Tungsten	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Uranium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Vanadium	0.002	0.001	0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Yttrium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Zinc	0.018	0.001	0.002	0.001	0.008	0.001	<0.001 [<0.001]	0.001	mg/L	~
Dissolved Zirconium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001 [<0.001]	0.001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 23B		North Pond		South Pond		Wash Pond			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766352		1766353		1766354		1766355			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Aluminum	<0.002	0.002	<0.002	0.002	<0.002	0.002	<0.002	0.002	mg/L	~
Dissolved Antimony	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Arsenic	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Barium	0.025	0.001	0.032	0.001	0.026	0.001	0.041	0.001	mg/L	~
Dissolved Beryllium	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	<0.0005	0.0005	mg/L	~
Dissolved Bismuth	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Boron	0.006	0.002	0.009	0.002	0.006	0.002	0.023	0.002	mg/L	~
Dissolved Cadmium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Calcium	57.0	0.5	74.6	0.5	85.1	0.5	45.3	0.5	mg/L	~
Dissolved Cerium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Cesium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Chromium	0.002	0.001	0.005	0.001	0.005	0.001	0.003	0.001	mg/L	~
Dissolved Cobalt	<0.0001	0.0001	0.0001	0.0001	0.0003	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Copper	<0.001	0.001	<0.001	0.001	0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Europium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Gallium	<0.001	0.001	0.001	0.001	<0.001	0.001	0.001	0.001	mg/L	~
Dissolved Iron	0.08	0.02	0.16	0.02	0.41	0.02	0.05	0.02	mg/L	~
Dissolved Lanthanum	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Lead	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Lithium	<0.005	0.005	<0.005	0.005	<0.005	0.005	<0.005	0.005	mg/L	~
Dissolved Magnesium	29.000	0.005	13.200	0.005	14.800	0.005	16.600	0.005	mg/L	~
Dissolved Manganese	0.002	0.001	<0.001	0.001	0.003	0.001	<0.001	0.001	mg/L	~
Dissolved Mercury	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Molybdenum	<0.001	0.001	<0.001	0.001	<0.001	0.001	0.091	0.001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

Sample Description	OW 23B		North Pond		South Pond		Wash Pond			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766352		1766353		1766354		1766355			
Metals (Dissolved)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Dissolved Nickel	0.002	0.001	0.003	0.001	0.003	0.001	0.001	0.001	mg/L	~
Dissolved Niobium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Phosphorus	<0.05	0.05	<0.05	0.05	0.31	0.05	<0.05	0.05	mg/L	~
Dissolved Potassium	1.3	0.1	2.5	0.1	6.7	0.1	2.9	0.1	mg/L	~
Dissolved Rubidium	<0.001	0.001	0.003	0.001	0.004	0.001	0.001	0.001	mg/L	~
Dissolved Scandium	0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Selenium	0.0006	0.0005	<0.0005	0.0005	0.0008	0.0005	0.0013	0.0005	mg/L	~
Dissolved Silicon	4.4	0.6	2.6	0.6	1.7	0.6	2.7	0.6	mg/L	~
Dissolved Silver	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Sodium	3.6	0.1	2.7	0.1	3.4	0.1	8.0	0.1	mg/L	~
Dissolved Strontium	0.099	0.001	0.107	0.001	0.108	0.001	0.154	0.001	mg/L	~
Dissolved Sulfur	9.6	0.8	2.8	0.8	3.4	0.8	8.2	0.8	mg/L	~
Dissolved Tellurium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Thallium	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	<0.0001	0.0001	mg/L	~
Dissolved Thorium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tin	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Titanium	<0.001	0.001	<0.001	0.001	0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Tungsten	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Uranium	<0.001	0.001	<0.001	0.001	0.003	0.001	<0.001	0.001	mg/L	~
Dissolved Vanadium	<0.001	0.001	0.001	0.001	0.002	0.001	<0.001	0.001	mg/L	~
Dissolved Yttrium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Zinc	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~
Dissolved Zirconium	<0.001	0.001	<0.001	0.001	<0.001	0.001	<0.001	0.001	mg/L	~



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466358

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

[rr]: After a parameter name indicates a re-run of that parameter. If multiple re-runs exist they are suffixed by a number. Sample may not have been handled according to the recommended temperature, hold time and head space requirements of the method after the initial analysis.

MDL: Method detection limit or minimum reporting limit.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

~: In a criteria column indicates the criteria is not applicable for the parameter row.

Quality Control: All associated Quality Control data is available on request.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.

ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.



CERTIFICATE OF ANALYSIS

Client:	Tecia White	Work Order Number:	466412
Company:	Whitewater Hydrogeology Ltd.	PO #:	
Address:	8537 36/37 Nottawasaga SR RR1 Collingwood, ON, L9Y 3Y9	Regulation:	None
Phone:	(705) 888-7064	Project #:	Strada Shelburne Annual Groundwater
Email:	tecia@white-water.ca	DWS #:	
		Sampled By:	Stephen Vanderhorst
Date Order Received:	6/15/2022	Analysis Started:	6/20/2022
Arrival Temperature:	15.3 °C	Analysis Completed:	6/22/2022

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Type	Comments	Date Collected	Time Collected
OW 5A	1766529	Ground Water	None		6/10/2022	12:00 PM
OW 6A	1766530	Ground Water	None		6/10/2022	12:00 PM
OW 7A	1766531	Ground Water	None		6/10/2022	12:00 PM
OW 8A	1766532	Ground Water	None		6/10/2022	12:00 PM
OW 9A	1766533	Ground Water	None		6/10/2022	12:00 PM
OW 18A	1766534	Ground Water	None		6/10/2022	12:00 PM
OW 20B	1766535	Ground Water	None		6/10/2022	12:00 PM
OW 21B	1766536	Ground Water	None		6/10/2022	12:00 PM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
BTEX/F1 Water (A127)	Mississauga	Determination of PHC BTEX/F1 in Water - Tier 1 CCME	Modified from CWS PHC Tier I CCME
Oil and Grease (A54)	Mississauga	Determination of Oil and Grease in Water	Modified from EPA 1664
PHC F2-F4 Water (A59)	Mississauga	Determination of PHC (F2-F4) in Water - Tier 1 CCME by GC/FID	Modified from CWS PHC Tier I CCME



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466412

This report has been approved by:

Marc Creighton
Laboratory Director



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466412

WORK ORDER RESULTS

Sample Description	OW 5A		OW 6A		OW 7A		OW 8A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766529		1766530		1766531		1766532			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Oil and Grease, Total	<1	1	1	1	<1	1	<1	1	mg/L	~
Sample Description	OW 9A		OW 18A		OW 20B		OW 21B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766533		1766534		1766535		1766536			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Oil and Grease, Total	<1	1	<1	1	2	1	1	1	mg/L	~
Sample Description	OW 5A		OW 6A		OW 7A		OW 8A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766529		1766530		1766531		1766532			
Petroleum Hydrocarbons (Water)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
F1 (C6-C10) - Less BTEX (Calc.)	<20	20	<20	20	<20	20	<20	20	ug/L	~
F1 (C6-C10) Incl. BTEX	<20	20	<20	20	<20	20	<20	20	ug/L	~
F2 (C10-C16)	<100	100	<100	100	<100	100	<100	100	ug/L	~
F3 (C16-C34)	<500	500	<500	500	<500	500	<500	500	ug/L	~
F4 (C34-C50)	<200	200	<200	200	<200	200	<100	100	ug/L	~
Baseline @ C50	Yes	N/A	Yes	N/A	Yes	N/A	Yes	N/A	NA	~
Benzene	<0.2	0.2	<0.2	0.2	<0.2	0.2	<0.2	0.2	ug/L	1
Ethylbenzene	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	140
Toluene	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	60



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466412

Sample Description	OW 5A		OW 6A		OW 7A		OW 8A			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766529		1766530		1766531		1766532			
Petroleum Hydrocarbons (Water)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
m+p-Xylene	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	~
o-Xylene	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	300
Total Xylenes (Calc.)	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	90
1,4-dichlorobenzene-d4 (Surr.)	106	N/A	107	N/A	107	N/A	107	N/A	% Rec	~
o-Terphenyl (Surr.)	90.9	N/A	86.3	N/A	85.4	N/A	79.2	N/A	% Rec	~
undecane (Surr.)	98.6	N/A	98.3	N/A	97	N/A	98	N/A	% Rec	~

Sample Description	OW 9A		OW 18A		OW 20B		OW 21B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766533		1766534		1766535		1766536			
Petroleum Hydrocarbons (Water)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
F1 (C6-C10) - Less BTEX (Calc.)	<20	20	<20	20	<20	20	<20	20	ug/L	~
F1 (C6-C10) Incl. BTEX	<20	20	<20	20	<20	20	<20	20	ug/L	~
F2 (C10-C16)	<100	100	<100	100	<100	100	<100	100	ug/L	~
F3 (C16-C34)	<500	500	<300	300	<500	500	<500	500	ug/L	~
F4 (C34-C50)	<200	200	<100	100	<100	100	<200	200	ug/L	~
Baseline @ C50	Yes	N/A	Yes	N/A	Yes	N/A	Yes	N/A	NA	~
Benzene	<0.2	0.2	<0.2	0.2	<0.2	0.2	<0.2	0.2	ug/L	1
Ethylbenzene	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	140
Toluene	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	60
m+p-Xylene	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	~
o-Xylene	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	300
Total Xylenes (Calc.)	<0.4	0.4	<0.4	0.4	<0.4	0.4	<0.4	0.4	ug/L	90



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 466412

Sample Description	OW 9A		OW 18A		OW 20B		OW 21B			
Sample Date	6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM		6/10/2022 12:00 PM			
Lab ID	1766533		1766534		1766535		1766536			
Petroleum Hydrocarbons (Water)	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
1,4-dichlorobenzene-d4 (Surr.)	108	N/A	108	N/A	107	N/A	109	N/A	% Rec	~
o-Terphenyl (Surr.)	90.9	N/A	62.2	N/A	66.7	N/A	96.8	N/A	% Rec	~
undecane (Surr.)	98.5	N/A	97.6	N/A	97.5	N/A	95.9	N/A	% Rec	~

LEGEND

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MDL: Method detection limit or minimum reporting limit.

% Rec: Surrogate compounds are added to the sample in some cases and the recovery is reported as a % recovered.

~: In a criteria column indicates the criteria is not applicable for the parameter row.

Quality Control: All associated Quality Control data is available on request.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.

ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.

PHC (Method A59): Method A59 complies with CCME reference method for the CWS PHC and is validated for laboratory use.

PHC (Method A59): Gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.



CERTIFICATE OF ANALYSIS

Client:	Tecia White	Work Order Number:	474090
Company:	Whitewater Hydrogeology Ltd.	PO #:	
Address:	8537 36/37 Nottawasaga SR RR1 Collingwood, ON, L9Y 3Y9	Regulation:	None
Phone:	(705) 888-7064	Project #:	Strada Shelburne Annual Groundwater
Email:	tecia@white-water.ca	DWS #:	
		Sampled By:	Tecia White
Date Order Received:	8/19/2022	Analysis Started:	8/22/2022
Arrival Temperature:	8.7 °C	Analysis Completed:	8/26/2022

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

Sample Description	Lab ID	Matrix	Type	Comments	Date Collected	Time Collected
OW14-B	1790232	Ground Water	None		8/18/2022	10:00 AM
OW12-A	1790233	Ground Water	None		8/18/2022	10:00 AM
OW10-A	1790234	Ground Water	None		8/18/2022	10:00 AM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
BTEX/F1 Water (A127)	Mississauga	Determination of PHC BTEX/F1 in Water - Tier 1 CCME	Modified from CWS PHC Tier I CCME
Oil and Grease (A54)	Mississauga	Determination of Oil and Grease in Water	Modified from EPA 1664
PHC F2-F4 Water (A59)	Mississauga	Determination of PHC (F2-F4) in Water - Tier 1 CCME by GC/FID	Modified from CWS PHC Tier I CCME

REPORT COMMENTS

One vial received broken for "OW10-A" 08/19/22 YH



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 474090

This report has been approved by:

Marc Creighton
Laboratory Director



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 474090

WORK ORDER RESULTS

Sample Description	OW14 - B		OW12 - A		OW10 - A			
Sample Date	8/18/2022 10:00 AM		8/18/2022 10:00 AM		8/18/2022 10:00 AM			
Lab ID	1790232		1790233		1790234			
General Chemistry	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
Oil and Grease, Total	3	2	2	1	2	1	mg/L	~

Sample Description	OW14 - B		OW12 - A		OW10 - A			
Sample Date	8/18/2022 10:00 AM		8/18/2022 10:00 AM		8/18/2022 10:00 AM			
Lab ID	1790232		1790233		1790234			
Petroleum Hydrocarbons (Water)	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
F1 (C6-C10) - Less BTEX (Calc.)	<20	20	<20	20	<20 [<20]	20	ug/L	~
F1 (C6-C10) Incl. BTEX	<20	20	<20	20	<20 [<20]	20	ug/L	~
F2 (C10-C16)	<100	100	<100	100	<100	100	ug/L	~
F3 (C16-C34)	<500	500	<500	500	<500	500	ug/L	~
F4 (C34-C50)	<100	100	<200	200	<200	200	ug/L	~
Baseline @ C50	Yes	N/A	Yes	N/A	Yes	N/A	NA	~
Benzene	<0.2	0.2	<0.2	0.2	<0.2 [<0.2]	0.2	ug/L	1
Ethylbenzene	<0.4	0.4	<0.4	0.4	<0.4 [<0.4]	0.4	ug/L	140
Toluene	<0.4	0.4	<0.4	0.4	0.5 [<0.5]	0.5	ug/L	60
m+p-Xylene	<0.4	0.4	<0.4	0.4	<0.4 [<0.4]	0.4	ug/L	~
o-Xylene	<0.4	0.4	<0.4	0.4	<0.4 [<0.4]	0.4	ug/L	300
Total Xylenes (Calc.)	<0.4	0.4	<0.4	0.4	<0.4 [<0.4]	0.4	ug/L	90



CERTIFICATE OF ANALYSIS

Whitewater Hydrogeology Ltd.

Work Order Number: 474090

Sample Description	OW14 - B		OW12 - A		OW10 - A			
Sample Date	8/18/2022 10:00 AM		8/18/2022 10:00 AM		8/18/2022 10:00 AM			
Lab ID	1790232		1790233		1790234			
Petroleum Hydrocarbons (Water)	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: ODWS
1,4-dichlorobenzene-d4 (Surr.)	104	N/A	104	N/A	102 [103]	N/A	% Rec	~
o-Terphenyl (Surr.)	58.1	N/A	60	N/A	105	N/A	% Rec	~
undecane (Surr.)	102	N/A	100	N/A	100 [101]	N/A	% Rec	~

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

[]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

% Rec: Surrogate compounds are added to the sample in some cases and the recovery is reported as a % recovered.

~: In a criteria column indicates the criteria is not applicable for the parameter row.

Quality Control: All associated Quality Control data is available on request.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.

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ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.

PHC (Method A59): Method A59 complies with CCME reference method for the CWS PHC and is validated for laboratory use.

PHC (Method A59): Gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.

Regulation Comparisons: Disclaimer: Please note that regulation criteria are provided for comparative purposes, however the onus on ensuring the validity of this comparison rests with the client.

Ministry of the Environment,
Conservation and Parks

Environmental Assessment
Modernization Branch

135 St. Clair Avenue West
4th Floor
Toronto ON M4V 1P5

Ministère de l'Environnement, de
la Protection de la nature et des Parcs

Direction de la modernisation des processus
d'évaluation environnementale

135, avenue St. Clair Ouest
4^e étage
Toronto ON M4V 1P5



March 10, 2023

Good day,

Ontario is taking continued action to streamline and modernize its almost 50-year-old environmental assessment (EA) process that is not reflective of best practices, unnecessarily burdensome and costly. We are proposing sensible, practical changes that would continue to provide strong environmental oversight while reducing delays to get shovels in the ground on projects that matter most to Ontario communities.

Today, on behalf of the Ministry of the Environment, Conservation and Parks, I am writing to let you know about our latest efforts to modernize the environmental assessment (EA) program in Ontario.

As the next step in this work, we are seeking your feedback on the following postings:

- [Moving to a project list approach under the Environmental Assessment Act](#)
- [Evaluating municipal class environmental assessment requirements for infrastructure projects](#)
- [Improving timelines for comprehensive environmental assessments](#)

Please note: we are seeking comments on these postings by May 9, 2023.

If you have any questions or comments about the postings, you may contact the Environmental Assessment Modernization Team at: EAModernization.MECP@ontario.ca.

We value your feedback and look forward to hearing from you.

Sincerely,

A handwritten signature in black ink that reads "A. Cross".

Annamaria Cross
Director, Environmental Assessment Modernization Branch
Ministry of the Environment, Conservation and Parks

Ontario Land Tribunal

655 Bay Street, Suite 1500
Toronto ON M5G 1E5
Telephone: (416) 212-6349
Toll Free: 1-866-448-2248
Website: olt.gov.on.ca

Tribunal ontarien de l'aménagement du territoire

655 rue Bay, suite 1500
Toronto ON M5G 1E5
Téléphone: (416) 212-6349
Sans Frais: 1-866-448-2248
Site Web: olt.gov.on.ca



PROCEEDING COMMENCED UNDER subsection 17(24) of the *Planning Act*, R.S.O. 1990, c. P.13, as amended

Appellant: 1063755 Ontario Ltd.
Appellant: Municipality of West Grey
Subject: Proposed Official Plan Amendment No. 11
Description: To implement the 2021 Growth Management Strategy and additional housekeeping changes
Property Address: Grey County Wide
Municipality/UT: County of Grey
Reference Number: Grey County OPA #11; Grey County By-law 5145-22
OLT Case No.: OLT-22-004820
OLT Lead Case No.: OLT-22-004820
OLT Case Name: 1063755 Ontario Ltd v. Grey (County)

The Ontario Land Tribunal ("Tribunal") will conduct a **Case Management Conference (CMC)** by **Video Conference** for this matter.

The event will be held:

AT: 10:00 AM

ON: April 12, 2023

**AT: <https://global.gotomeeting.com/join/692665589>
Access code: 692-665-589**

The Tribunal has set aside **one (1) day** for this matter.

The event will be held using GoTo Meetings. The appellant(s), applicant, municipality or approval authority, and those persons who intend to request party or participant status, are asked to log into the video hearing through the link provided above at least **15 minutes** before the start of the event to test their video and audio connections. All persons are expected to access and set-up the application well in advance of the event to avoid unnecessary delay. The desktop application can be downloaded at [GoToMeeting](https://gotomeeting.com). A web application is also available: <https://app.gotomeeting.com/home.html>. A compatible web browser for this service is Chrome.

Persons who experience technical difficulties accessing the GoToMeeting application or who only wish to listen to the event can connect to the event by calling into an audio-only telephone line: **1-888-299-1889 (Toll Free)** or **+1 (647) 497-9373**. The access code is **692-665-589**.

Event dates are firm – adjournments will not be granted except in the most serious circumstances, and only in accordance with the Tribunal’s Rules of Practice and Procedure [Rule 17](#) on adjournments.

This event is conducted under [Rule 20](#) of the Tribunal’s Rules. [Rule 20.2](#) sets out how a party may object to the Tribunal conducting this event electronically. Any party, or any person who intends to seek party status, may object to the Tribunal holding this event by video by filing an objection with the Tribunal’s Case Coordinator. The objection must be received by the Tribunal **at least 20 days** before the date of the CMC and must be copied to the other parties. All contact information is included in Schedule A.

If you do not attend the CMC, the Tribunal may proceed in your absence and you will not be entitled to any further notice of these proceedings. The Tribunal may finalize the list of appellants, parties and/or participants at this CMC, and may order that no additional appellants, parties and/or participants be added or included in this proceeding, without leave of the Tribunal.

SUBMISSION REQUIREMENTS

If a person intends to refer to a document at the CMC that is not in the Tribunal’s case file, the document is expected to be pre-filed electronically with the Tribunal **at least 10 days** before the date of the CMC, unless another filing date is specified in the Tribunal’s Rules. All pre-filed documents shall be served on the other parties electronically. All contact information is included in Schedule A.

Submissions larger than **10MB** must be transferred to the Tribunal’s Case Coordinator using an electronic file sharing link/service. Please see Schedule B for further submission requirements.

The purpose of the CMC is set out in [Rule 19.1](#) of the Tribunal’s Rules. The CMC will deal with preliminary issues, that include the following:

- **Identification of parties** - these persons have the right to participate throughout by presenting evidence, questioning witnesses, and making final arguments. In order for the Tribunal to determine your status for the hearing, you or your representative should attend the CMC and ask to be added as a party. Groups, whether incorporated or not, who wish to become parties should name a representative. Parties do not need to be represented by lawyers or agents.
- **Identification of participants** - persons who do not wish to participate throughout the hearing may attend the hearing and provide a written statement to the Tribunal.
- **Identification of issues.**

- **Possibility of settlement and/or mediation of any or all of the issues** – the panel will explore with the parties whether the case before the Tribunal and the issues in dispute are matters that may benefit from mediation. Mediation is a voluntary process that encourages all sides in a dispute to get a better understanding of each other’s positions and fully explore and negotiate options for a mutually acceptable settlement of all or some of the issues in dispute. The panel may direct, upon consent of the parties, that some or all of the issues in dispute proceed to mediation.
- **Start date of the hearing.**
- **Duration of the hearing.**
- **Directions for pre-filing of witness lists, expert witness statements and written evidence.**
- **The hearing of motions.**
- **Draft Procedural Order** – parties are expected to meet before the CMC to consider a draft Procedural Order, as per [Rule 19.2](#) (see [Sample Procedural Order](#) on the website at <https://olt.gov.on.ca/forms-submissions/>).
- **Such further matters as the Tribunal considers appropriate.**

Everyone should come prepared to consider specific dates for proceedings in this matter.

All persons who wish to participate in this matter are expected to be prepared should the Tribunal convert the CMC to a settlement conference, a motion for procedural directions, or a preliminary hearing, where evidence or formal statements or submissions may be heard. Even when no settlement is reached, the Tribunal may proceed to make a final decision on any evidence received during the conference.

PARTY OR PARTICIPANT STATUS REQUEST:

Persons other than the appellant(s), applicant, municipality or approval authority who wish to participate in the proceeding, either as a party or as a participant, are expected to file a written status request with the Tribunal to outline their interest in the proceeding.

The [Party Status Request Form](#) and [Participant Status Request and Participant Statement Form](#) are available on the Tribunal’s website (<https://olt.gov.on.ca/forms-submissions/>) and are to be used to assist with the preparation of the request. If you are requesting status, this form must be provided at least 10 days in advance of the Case Management Conference to:

- The assigned Tribunal Case Coordinator **Hannah Nastic** at **Hannah.Nastic@ontario.ca**
- The municipality and the approval authority on the same day as it is emailed to the Tribunal Case Coordinator.

- The Applicant and the Appellant(s) on the same day as it is emailed to the Tribunal Case Coordinator.

The contact information for the parties is included in Schedule A.

The status request will be reviewed and considered by the presiding Member at the CMC. It will also assist the Tribunal in organizing the hearing event. **Attendance by the requestor, or their representative, at the CMC is required for all status requests.**

Persons who are granted **party status** may participate fully in the proceeding (see [Rule 8](#)).

Persons who are granted **participant status** may only participate in writing by way of a participant statement. This statement is expected to be provided 10 days advance of the CMC as part of the status request (see above) and sets out their position in the matter (see [Rule 7.7](#)).

Only persons who are granted party or participant status by the Tribunal at the CMC are permitted to participate in any further hearing event that is convened by the Tribunal for this appeal.

FURTHER DIRECTIONS

Tribunal proceedings are open to the public and all documents filed in a proceeding will be included in the Tribunal's public file (except those documents that may be deemed confidential in accordance with the Ontario Land Tribunal's Rule 22.1).

The Tribunal shall issue a disposition following the CMC that will set out the directions of the Tribunal. A copy of this decision may be obtained from the Tribunal's website (<https://olt.gov.on.ca/decisions/>) by referencing the above case number.

Please review the Tribunal's [Rules](#) for relevant information.

We are committed to providing accessible services as set out in the *Accessibility for Ontarians with Disabilities Act, 2005*. If you have any accessibility needs, please contact our Accessibility Coordinator as soon as possible by emailing OLT.COORDINATOR@ontario.ca. If you require documents in formats other than conventional print, or if you have specific accommodation needs, please let us know so we can make arrangements in advance.

Pour recevoir des services en français, veuillez communiquer avec la Tribunal au 1-866-448-2248/(416) 212-6349 ou OLT.COORDINATOR@ontario.ca.

For general information concerning the Tribunal, visit our website at <https://olt.gov.on.ca> or you may contact the Tribunal's offices at 1-866-448-2248 or local (416) 212-6349.

DATED at Toronto, this 6th day of March, 2023.

Euken Lui
Acting Registrar

SCHEDULE A

Please provide materials electronically to the assigned Tribunal Case Coordinator **Hannah Nastic** at **Hannah.Nastic@ontario.ca**

On the same day that documents are submitted to the Tribunal, electronic copies are to be submitted to:

Appellant 1 [Representative]:

1063755 Ontario Ltd
c/o Denise Baker
dbaker@weirfoulds.com

Appellant 2 [Representative]:

Municipality of West Grey
c/o Leo Longo
llongo@airdberlis.com

Municipality/UT [Representative]:

County of Grey
c/o Sarah Hahn; Matthew Hodgson
shahn@barristonlaw.com ; MHodgson@barristonlaw.com

SCHEDULE B

INSTRUCTIONS FOR ELECTRONIC PRE-FILING SUBMISSIONS

Submission requirements to organize the video hearing

If a person intends to refer to a document at the video hearing (for clarity, any document that is not in the Tribunal's case file), it is expected to be pre-filed electronically with the Tribunal at **least 10 days** before the date of the video hearing and provided to all parties. The deadline applies unless otherwise specified in the Rules.

Submission emails **under 10MB** in size may be emailed directly to the assigned Tribunal Case Coordinator. Emails **larger than 10MB** must be transferred to the Tribunal's Case Coordinator using an electronic file sharing link/service to avoid sending documents across multiple email parts. Where appropriate, documents are to be submitted in .pdf format.

Naming convention

To assist the Tribunal and the adjudicator during the event, it is important that all submissions are **paginated and labelled appropriately** to clearly identify the content of each document. Where a document contains numerous sections, each section is to be indexed to a table of contents.

Parties are asked to adhere to the following naming convention: **case number_party role_ document type_date of hearing event**.

For example: PL123456_Applicant_Notice of Motion_Jan 1, 2020

Please see [Rules 7.1 and 7.2](#) for the standard document submission requirements.

SCHEDULE C

EXCERPT FROM ONTARIO LAND TRIBUNAL'S RULES OF PRACTICE AND PROCEDURE, ON DOCUMENTS, EXHIBITS, FILING, SERVICE, ROLES OF PARTIES, ADJOURNMENTS, CASE MANAGEMENT CONFERENCES AND ELECTRONIC HEARINGS. THE FULL DOCUMENT IS AVAILABLE ON THE TRIBUNAL'S WEBSITE.

RULE 7

DOCUMENTS, EXHIBITS, FILING, SERVICE

7.1 Form of Documents Unless otherwise directed by the Tribunal, every document filed or introduced by a party or participant in a proceeding before the Tribunal shall be legible and prepared on letter size paper (8 ½" x 11"), except for large documents such as plans, surveys or maps, and, where bound together with other documents, shall have each page numbered consecutively, throughout the entire text or within tabs, including any graphic content. Wherever possible, an electronic copy of the document must also be filed with the Tribunal, identically numbered as the paper document.

7.2 Other Exhibits Large graphic or other such types of visual evidence should not be glued to foam or other boards. They shall be on paper and be removed from the boards following the hearing event, and folded to 8 ½" x 11". Three-dimensional models must be photographed and the photographs must be introduced with the model. Visual evidence must be reviewed by the other parties before the hearing event or by an earlier date if set out in a procedural order.

7.3 Copies of Documents for Parties and the Municipal Clerk A party who intends to introduce a document as evidence at a hearing event shall provide a copy of the document to all the parties at the beginning of the proceeding or by an earlier date if that is required by the terms of a procedural order or otherwise directed by the Tribunal. If the document is an official plan, those parts of the plan to be referred to at the hearing event should be distributed to the parties, and a copy of the entire plan must be made available to the Tribunal Member(s). If the Tribunal orders that the Municipal Clerk keep copies of documents for public inspection, they do not need to be certified copies, unless a party objects that they are not authentic copies.

7.4 Prefiling of Witness Statements and Reports If the hearing is expected to last more than 5 days, the Tribunal may require that parties calling expert or professional witnesses serve on the other parties any expert witness statements and reports prepared for the hearing, at least 30 days in advance of the commencement of the hearing, unless otherwise directed by the Tribunal. The Tribunal may in its discretion, or at the request of a party, also make this prefiling order for hearings expected to last fewer than 5 days. The expert witness statement must contain:

- a. an executed acknowledgment of expert's duty form (attached to these Rules) and the expert's qualifications;

- b. the issues the expert will address, their opinions on these issues, the reasons that support their opinions and their conclusions; and
- c. a list of the reports or documents, whether prepared by the expert or by someone else, that the expert will refer to at the hearing.

The expert's complete report may be filed instead of this statement if it contains the required information.

An expert may not be permitted to testify if this statement or report is not served on all parties when so directed by the Tribunal.

7.5 Duty of the Expert Witness It is the duty of every expert engaged by or on behalf of a party who is to provide opinion evidence at a proceeding under these Rules to acknowledge, either prior to (by signing the acknowledgment form attached to the Rules) or at the proceeding, that they are to:

- a. provide opinion evidence that is fair, objective and non-partisan;
- b. provide opinion evidence that is related only to the matters that are within the expert's area of expertise;
- c. provide such additional assistance as the Tribunal may reasonably require to determine a matter in issue;
- d. not to seek or receive assistance or communication from any third party, except technical support, while giving oral evidence in examination in chief, while under cross-examination, or while in reply; and
- e. acknowledge that these duties prevail over any obligation owed by the expert to the party by whom or on whose behalf he or she is engaged.

7.6 Other Witnesses The Tribunal may also require that a witness who is not presenting expert evidence provide a witness statement. A witness statement should contain:

- a. a short written outline of the person's background experience and interest in the matter;
- b. a list of the issues that they will discuss; and
- c. a list of reports or materials that they will rely on at the hearing.

The Tribunal may decline to allow the witness to testify if this statement is required by the Tribunal and has not been provided to the other parties.

7.7 Participant Statements A person who wishes to participate in a proceeding as a participant, shall file a written participant statement that sets out their position on the appeal and issues of the proceeding, together with an explanation of their reasons in support of their position. A participant may only make submissions to the Tribunal in writing unless otherwise provided for by an Act or regulation.

7.8 Amendment of Documents Documents filed with the Tribunal can only be amended with the consent of the parties or by order of the Tribunal. The Tribunal may

require that the person requesting an amendment do so by way of a motion under Rule 10.

7.9 Copies of Tribunal Documents A person may examine any document, including electronic documents, filed with the Tribunal and copy it after paying the Tribunal's fee, unless a statute, a Court Order, an order of the Tribunal or these Rules provide otherwise.

7.10 Return of Exhibits Exhibits of all types introduced at a hearing will be kept for 180 days after the Tribunal decision issues. The person introducing an exhibit may ask for its return after this time, and it may be given back if the Tribunal agrees. If no such request is made, the exhibit becomes the property of the Tribunal and may be archived.

7.11 Service by Personal Service or Electronic Service Where any document is required to be served or filed, including the one commencing a proceeding or a motion or providing notice, it shall be served by personal service, registered mail or electronically (unless a statute or the Tribunal requires another method of service) and shall be sent to:

- a. the party's representative, if any;
- b. where the party is an individual and is not represented, to that party directly, where that party has provided an address for service and/or an e-mail address;
- c. where that party is a corporation and is not represented, to the corporation directly, to the attention of an individual with apparent authority to receive the document;
- d. where served on or filed with a local board or commission, or any department, ministry or agency of the federal, provincial or municipal government, to an individual with apparent authority to receive the document; or
- e. where served on or filed with the Tribunal, to the Registrar, or the assigned administrative staff.

Subject to Rule 7.12, if a document is served by e-mail, then service is effective on the date of service.

7.12 If Served Electronically After 4:30 p.m. Any document served electronically after 4:30 p.m. is deemed to have been served on the next business day.

7.13 Proof of Electronic Service A confirmation printout received by the sender is proof of the full transmission and receipt of the electronic service.

RULE 8

ROLE AND OBLIGATIONS OF A PARTY

8.1 Role and Obligations of a Party Subject to Rule 8.2 below, a person conferred party status to a proceeding before the Tribunal may participate fully in the proceeding, and by way of example may:

- a. Identify issues raised in a notice of appeal for the approval of the Tribunal;
- b. Bring or respond to any motion in the proceeding;
- c. Receive copies of all documents and supporting information exchanged, relied upon or filed in connection with any hearing event conducted in the proceeding;
- d. Present opening and closing submissions at the hearing;
- e. Present and examine witnesses and cross-examine witnesses not of like interest;
- f. Claim costs or be subject to a costs award when ordered by the Tribunal; and
- g. Request a review of the Tribunal's decision or order as set out in Rule 25.

8.2 Power of Tribunal to Add or Substitute Parties The Tribunal may add or substitute a party to a proceeding when that person satisfies any applicable legislative tests necessary to be a party and their interest may be transferred or transmitted to another party to be added or substituted provided their presence is necessary to enable the Tribunal to adjudicate effectively and completely on the issues in the proceeding.

8.3 Non-Appellant Party A party to a proceeding before the Tribunal which arises under any of subsections 17(24) or (36), 34(19) or 51(39) of the Planning Act who is not an appellant of the municipal decision or enactment may not raise or introduce a new issue in the proceeding. The non-appellant party may only participate in these appeals of municipal decisions by sheltering under an issue raised in an appeal by an appellant party and may participate fully in the proceeding to the extent that the issue remains in dispute. A non-appellant party has no independent status to continue an appeal should that appeal be withdrawn by an appellant party.

8.4 Common Interest Class Where the Tribunal is of the opinion that more than one party is of common interest with another party or other parties, the Tribunal may, on its own initiative or on the request of any party, appoint a person of that class of parties to represent the class in the proceeding.

RULE 17

ADJOURNMENTS

17.1 Hearing Dates Fixed Hearing events will take place on the date set unless the Tribunal agrees to an adjournment. Adjournments will not be allowed that may prevent the Tribunal from completing and disposing of its proceedings within any applicable prescribed time period.

17.2 Requests for Adjournment if All Parties Consent If all of the parties agree, they may make a written request to adjourn a hearing event. The request must include the reasons, a suggested new date, and the written consents of all parties. However, the Tribunal may require that the parties attend in person or convene an electronic hearing to request an adjournment, even if all of the parties consent. The consenting parties are expected to present submissions to the Tribunal on the application of any prescribed time period to dispose of the proceeding.

17.3 Requests for Adjournment without Consent If a party objects to an adjournment request, the party requesting the adjournment must bring a motion at least 15 days before the date set for the hearing event. If the reason for an adjournment arises less than 15 days before the date set for the hearing event, the party must give notice of the request to the Tribunal and to the other parties and serve their motion materials as soon as possible. If the Tribunal refuses to consider a late request, any motion for adjournment must be made in person, at the beginning of the hearing event.

17.4 Emergencies Only The Tribunal will grant last minute adjournments only for unavoidable emergencies, such as illnesses so close to the hearing date that another representative or witness cannot be obtained. The Tribunal must be informed of these emergencies as soon as possible.

17.5 Powers of Tribunal upon Adjournment Request The Tribunal may,

- a. grant the request.
- b. grant the request and fix a new date or, where appropriate, the Tribunal will schedule a case management conference on the status of the matter;
- c. grant a shorter adjournment than requested;
- d. deny the request, even if all parties have consented;
- e. direct that the hearing proceed as scheduled but with a different witness, or evidence on another issue;
- f. grant an indefinite adjournment, if the Tribunal finds no substantial prejudice to the other parties or to the Tribunal's schedule and the Tribunal concludes the request is reasonable for the determination of the issues in dispute. In this case, a party must make a request, or the Tribunal on its own initiative may direct, that the hearing be rescheduled or resumed as the case may be;
- g. convert the scheduled date to a mediation or case management conference; and
- h. make any other appropriate order.

RULE 19

CASE MANAGEMENT CONFERENCES

19.1 Case Management Conference At the request of a party, on its own initiative or as may be required by legislation or regulation, the Tribunal may direct parties to participate in a case management conference conducted by a Member of the Tribunal, which can include settlement conferences, motions or preliminary hearing matters, such as to:

- a. identify the parties and participants;
- b. determine the issues raised by the appeal;
- c. narrow the issues in dispute;
- d. identify facts or evidence the parties may agree upon or on which the Tribunal may make a binding decision;
- e. obtain admissions that may simplify the hearing, which may include the examination of persons by the Tribunal as part of the conference;
- f. provide directions for exchange of witness lists, witness statements, expert witness statements and reports, for meetings of experts including to address the disclosure of information such as the disclosure of the information that was not provided to the municipality before council or the approval authority made its decision that is the subject of the appeal, and for further disclosure where necessary;
- g. provide directions to the parties to file a hearing plan to outline how the hearing will proceed, the order of witnesses, or the anticipated time for submissions to ensure the Tribunal sets aside sufficient time in its hearing calendar to dispose of the issues;
- h. discuss opportunities for settlement, including possible use of mediation or other dispute resolution processes;
- i. fix a date, place and format for the hearing and estimate its length, and encourage the parties to agree upon the dates for any procedural steps;
- j. discuss issues of confidentiality, including any need to hold a part of the hearing in the absence of the public or to seal documents;
- k. address the production and cost sharing of joint document books; and
- l. deal with any other matter that may assist in a fair, just, expeditious and cost-effective resolution of the issues.

19.2 Sample Procedural Order and Meeting Before Case Management Conference Where the parties are known before the case management conference, they are expected to discuss the matters set out in Rule 19.1 and present a draft procedural order to the Tribunal for its approval. Sample procedural orders are listed in the Index to these Rules.

19.3 Serving Notice of a Conference The Tribunal will determine the notice requirements for a Case Management Conference and any directions to serve a Notice of Case Management Conference that provides the time, place and format of the conference. The directions may include a notice to all persons or authorities entitled by

legislation or regulation. The person, municipality or approval authority who is issued the direction must serve this notice on those persons entitled to notice of the conference and provide an affidavit to the Tribunal, at or prior to the conference, to prove service of the notice.

19.4 Tribunal Member Presides The Tribunal's Chair will assign at least one Member of the Tribunal to conduct the conference.

19.5 Public Attendance at a Case Management Conference A case management conference held in person will be open to the public. A case management conference held by electronic hearing will be open to the public where practical. Despite the general principle of public open sessions, where circumstances prevail that may require confidentiality, in the discretion of the presiding Tribunal Member, part or all of the conference may be conducted in *camera*.

19.6 Conversion from One Procedure to Another The Tribunal Member may, at any time, conduct a procedural discussion, initiate a motion, inquire into a preliminary matter, or convert the conference into a hearing. The Tribunal will state in the notice of a case management conference that the parties are expected to arrive prepared for a procedural and settlement conference as well as a preliminary hearing, where evidence or formal statements or submissions may be heard. Even if no settlement is reached, the Tribunal may proceed to make a final decision on any evidence received during the conference.

19.7 Results of Failure to Attend a Conference If a party fails to attend the conference or by authorized representative, the Tribunal may proceed without that party. The non-attending party is not entitled to notice of subsequent hearing events in the proceedings.

19.8 Tribunal Order Following The Tribunal Member conducting the case management conference will issue an order that may decide any of the matters considered at the conference and provide procedural directions for any subsequent hearing event.

19.9 Hearing Member Bound The Tribunal Member conducting the hearing or any subsequent hearing event is bound by the order resulting from the case management conference unless that Member is satisfied that there is good reason to vary the order.

19.10 Methods of Holding Hearing Events The Tribunal may direct in an order following a conference that hearing events in a proceeding be held by a combination of written, electronic or in person hearing events.

RULE 20

ELECTRONIC HEARINGS

20.1 Hearing Events by Teleconference or Videoconference The Tribunal may hold a hearing event by electronic hearing, such as by teleconference or videoconference, for the determination of any issue in the proceeding. Where the Tribunal directs that a hearing event be held by electronic hearing, the Tribunal may direct a party to make the necessary arrangements and to give notice of those arrangements to the Tribunal and other parties.

20.2 Objection to the Electronic Format A party who objects to a hearing event being held as an electronic hearing shall notify the Tribunal and all other parties of its objection within the time period specified in the notice of the electronic hearing. The objecting party shall set out the reasons why the electronic hearing is likely to cause the objecting party significant prejudice.

20.3 Response to Notice of Objection The Tribunal may request a written response from other parties to the objection of an electronic hearing within a time period set out by the Tribunal.

20.4 Procedure When Objection is Received If the Tribunal receives an objection to hold a hearing event by electronic hearing, it may:

- a. accept the objection, cancel the electronic hearing, and schedule an in person or written hearing; or
- b. if the Tribunal is satisfied, after considering any responding submissions that no significant prejudice will result to a party, then the Tribunal will reject the objection and proceed with the electronic hearing.

20.5 Directions for the Electronic Hearing The Tribunal may direct the arrangements for the electronic hearing or designate an approved location for videoconference to protect the integrity of the hearing process, including the security and confidentiality of evidence as necessary.

20.6 Videoconferences The Tribunal shall pre-approve all arrangements for conducting a hearing event by videoconference, including the pre-filing and exchange of motion materials, documents, written submissions or any visual and written evidence, and the locations for the conference. Any information, statement or material intended to be filed as an exhibit at a videoconference shall be pre-filed with the Tribunal and provided to all parties in accordance with the Tribunal's directions or procedural order for conducting a hearing event by videoconference.

20.7 The View of the Camera A party's representative or a witness in a videoconference shall be in view of the camera, with minimal visual obstructions, in the course of their presentations or submissions to the Tribunal. Where a witness is being examined or cross-examined, there shall be a view of the witness, counsel protecting

the witness, and the person conducting the examination or cross-examination. Any document that may be referred to by parties or their witnesses shall be visible and legible to the Tribunal and all other parties to the conference, either by the camera or by referring to a copy of the document exchanged in accordance with the Tribunal's directions.

June 1, 2021

EXCERPTS FROM TRIBUNAL RULES OF PRACTICE AND PROCEDURE

RULE 6 - NOTICES

6.1 **Notices** Any notice required by these Rules or a Tribunal order shall be given in writing in the form, manner and with such notice period as directed by the Tribunal.

6.2 **Notice of Hearing Event** The Tribunal may direct a party to give notice of a hearing event to any person or persons and may direct the method of providing the notice. The party that gave notice shall file an affidavit of service with the Tribunal within 14 days after providing notice to confirm that the Tribunal's direction was properly carried out.

6.3 **Hearing Event Venue or Electronic Hearing Format** The Tribunal shall set the time, date, format and may direct that the sitting of a hearing event before it be convened at a suitable meeting facility or by designated electronic hearing format.

RULE 7 – DOCUMENTS, EXHIBITS, FILING, SERVICE

7.11 **Service by Personal Service or Electronic Service** Where any document is required to be served or filed, including the one commencing a proceeding or a motion or providing notice, it shall be served by personal service, registered mail or electronically (unless a statute or the Tribunal requires another method of service) and shall be sent to:

- (a) the party's representative, if any;
- (b) where the party is an individual and is not represented, to that party directly, where that party has provided an address for service and/or an e-mail address;
- (c) where that party is a corporation and is not represented, to the corporation directly, to the attention of an individual with apparent authority to receive the document;
- (d) where served on or filed with a local board or commission, or any department, ministry or agency of the federal, provincial or municipal government, to an individual with apparent authority to receive the document; or
- (e) where served on or filed with the Tribunal, to the Registrar, or the assigned administrative staff.

Subject to Rule 7.12, if a document is served by e-mail, then service is effective on the date of service.

7.12 **If Served Electronically After 4:30 p.m.** Any document served electronically after 4:30 p.m. is deemed to have been served on the next business day.

7.13 **Proof of Electronic Service** A confirmation printout received by the sender is proof of the full transmission and receipt of the electronic service.



374028 6TH LINE • AMARANTH ON • L9W 0M6

March 13, 2023

The Hon. Doug Ford, Premier of Ontario
Legislative Building
1 Queen's Park
Toronto, Ontario M7A 1A1

Dear Premier Ford:

RE: Resolution regarding County Planning Services

At the regular meeting of Council held February 22, 2023, Council of the Township of Amaranth passed a motion as follows:

BE IT RESOLVED THAT:

Whereas the Provincial of Ontario has a mandate to work across government to reduce red tape and regulations and policies that can be burdensome and inefficient and;

Whereas Bill 23 has removed the upper-tier planning function from a number of municipalities where there is already a lower-tier planning function and;

Whereas the Dufferin County and all lower-tier municipalities operated without a County planning function until this became a Provincial requirement in 2014 and;

Whereas the lower-tier Official Plan must be consistent with the upper-tier Official Plans, and;

That the Township of Amaranth request the Province of Ontario, Ministry of Municipal Affairs and Housing and the Ministry of Red Tape Reduction remove the upper-tier planning function from Dufferin County. **CARRIED**

Council respectfully requests the Province of Ontario to remove the planning function from the upper-tier Dufferin County as it is a redundant service. Council further asked that a copy of this resolution be provided to the Premier of Ontario, the Minister of Municipal Affairs and Housing, and Dufferin County lower tier municipalities.

Respectfully,

Nicole Martin, Dipl. M.A.
CAO/Clerk

**Township of Southgate
Administration Office**

185667 Grey County Road 9, RR 1
Dundalk, ON N0C 1B0



Phone: 519-923-2110
Toll Free: 1-888-560-6607
Fax: 519-923-9262
Web: www.southgate.ca

March 16, 2023

To: Members of the Upper Grand Watershed Committee
From: Township of Southgate
Re: Discontinuation of Participation in the Upper Grand Watershed Committee

Hello,

The Township of Southgate is advising all members of the Upper Grand Watershed Committee that, effective March 15, 2023, the Township of Southgate will no longer remain a member of the Committee.

The Township of Southgate believes that we are and have been able to communicate and work collaboratively directly with the GRCA on all issues affecting the Township and have formed relationships directly with the GRCA and will continue to communicate directly with them going forward.

Should the Township require additional support, we will reach out to the GRCA Board representative for the area and if an issue of intermunicipal interest should arise, the Township will work collaboratively with all those involved at any time.

The Township of Southgate would like to extend our thanks to the Upper Grand Watershed Committee and participating municipalities for their efforts.

If you have any questions, please contact our office at (519) 923-2110.

Sincerely,

On behalf of the Council of the Township of Southgate

Lindsey Green, Clerk
Township of Southgate



MEDIA RELEASE

FOR IMMEDIATE RELEASE

Annual Spring Tonic Maple Syrup Festival welcomes two new activities

UTOPIA, Ontario (March 16, 2023) – The annual Spring Tonic Maple Syrup Festival continues to offer a wide range of family friendly activities on April 1 & 2. This year, visitors can enjoy new activities and long-time favorites including animal exhibits with Scales Nature Park and Zoo to You, dog demonstrations by Red Barn Event Centre.

Admission also includes a full pancake and sausage breakfast with fresh maple syrup, as well as activities including interaction with exotic animals, firefighters, paramedics, horse drawn wagon rides, live music by Rob Watts, outdoor skills demonstrations by the Cadets and much more!

“We start preparations well in advance with volunteers tapping trees, collecting sap and producing maple syrup for the event,” said Kyra Howes, Manager of Lands and Operations at the Nottawasaga Valley Conservation Authority. “Families can learn how maple syrup is produced today and in the past, as well as engage in a variety of activities to kick off the Spring season. Tiffin’s very own maple syrup will also be for sale in limited quantities.”

The festival is jointly hosted by NVCA and the Rotary Club of Barrie. Volunteers from the Rotary Club generously donate their time to organize Spring Tonic and manage different stations during the event.

“All proceeds from the festival go back to the community and helps maintain Tiffin Conservation Area,” said John O-Brien, Chairperson of the Spring Tonic Maple Syrup Festival at the Rotary Club of Barrie. “Some of this funding goes towards the Royal Victoria Hospital, Salvation Amy, affordable housing and many other community enhancement projects throughout Simcoe County.”

The Spring Tonic Maple Syrup Festival is held at the Tiffin Conservation Area, 10 minutes from Barrie, Angus and Innisfil, and only 1 hour north of the Greater Toronto Area. Admission to the festival is \$20 for adults, \$15 for children between 2-12 and free for children 2 and under. Admission includes all activities, except for bird box building and horse-drawn wagon rides.

About NVCA: The Nottawasaga Valley Conservation Authority is a public agency dedicated to the preservation of a healthy environment through specialized programs to protect, conserve and enhance our water, wetlands, forests and lands.

Media contact: Alicia Sharp, Communications Assistant 705-424-1479,
asharp@nvca.on.ca

Denise Holmes

From: Michelle Hargrave <mhargrave@dufferincounty.ca>
Sent: Friday, March 17, 2023 8:59 AM
To: premier@ontario.ca; sylvia.jones@ontario.ca; minister.mto@ontario.ca
Cc: laura.hall@caledon.ca; Scott Burns; Alice Byl; Carolina Khan; Denise Holmes; Fred Simpson; Jennifer Willoughby; Jessica Kennedy; Karen Landry; Klaudia Mirska; mtownsend (mtownsend@townofgrandvalley.ca); Nicole Martin; Roseann Knechtel; Tracey Atkinson
Subject: Dufferin County Council Motion - Hwy 10
Attachments: 2023-03-10 Caledon - Highway 10 Traffic and Road Study.pdf

Good Afternoon,

Please find attached a letter containing a resolution of support for the Town of Caledon regarding a study of Highway 10.

Dufferin County respectfully requests the entire length of Highway 10 in Dufferin County be included in the proposed study, with particular attention to:

Frequency of incident for the Orangeville section from the Caledon border to Hockely Valley Road

Volume and capacity from Hockley Road to Hwy 89 in Primrose

Speeding and careless driving issues on the Melancthon section of Hwy 10, from Shelburne to the northern border of Dufferin County

If you have any questions or concerns, please contact us.

Thank you,
Michelle Hargrave

**Michelle Hargrave | Administrative Support Specialist, Clerk's Department | Office of the CAO
County of Dufferin** | Phone: 519-941-2816 Ext. 2506 | mhargrave@dufferincounty.ca | 30 Centre Street,
Orangeville, ON L9W 2X1

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Town of Caledon
6311 Old Church Road
Caledon ON L7C 1J6
Attn: Laura Hall, Clerk

Please be advised that its regular meeting on March 9, 2023, Dufferin County Council passed the following motion to support your request to the Ministry of Transportation and ask the Dufferin County portion of Highway 10 be included:

WHEREAS driver and pedestrian safety is a priority of our Council;

AND WHEREAS Provincial Highway 10, from the northern border of Brampton to the northern border of Dufferin County, contains various uses such as urban and rural and experiences high traffic volumes, chronic speeding, and an increased number of commercial vehicles;

AND WHEREAS the projected growth will continue to exasperate these issues;

AND WHEREAS our neighbours to the South in the Town of Caledon have recently made a delegation at ROMA to ask the Province to work with the Town of Caledon to develop a terms of reference for a traffic and road safety study to be funded by the MTO, of the entire length of Highway 10 within Caledon;

AND WHEREAS the County of Dufferin would benefit from such a traffic and road safety study being done including the length of Highway 10 within the County of Dufferin;

THEREFORE BE IT RESOLVED that a letter of support be provided to the Town of Caledon regarding their request to the Province on behalf of Council;

AND FURTHER request that the Town of Caledon include the portion of Highway 10 that runs through the County of Dufferin in the proposed study;

AND THAT County of Dufferin staff be available for consultation as part of this project;

AND THAT a copy of the letter of support be sent to Premier Doug Ford, Deputy Premier, Sylvia Jones, Minister of Transportation, Caroline Mulroney, the Town of Caledon and all municipalities in Dufferin County.



Thank you,

Michelle Hargrave

Michelle Hargrave
Administrative Support Specialist

Cc Deputy Premier
Minister of Transportation
Town of Caledon Clerk
Dufferin County Clerks





Corporation of the Municipality of Calvin

Motion by: Councillor Moreton

Seconded by: Councillor Grant

WHEAREAS an announcement in the media was made that the English Public School Boards Association, the largest school association in the Province, is asking for the end of the moratorium on most pupil accommodation reviews;

AND WHEREAS this announcement potentially threatens the future closure of schools in many single school municipalities;

AND WHEREAS access to education and the presence of a school in a community is an essential service and has a direct link to the quality of life in a community;

AND WHEREAS schools play a key role in improving services and quality of life in a community and are viewed as activity centres where children have access to education, health services, recreation and culture;

AND WHEREAS schools are an important factor in the retention and attraction of residents in a community and is essential in order to resolve labour shortages and allow economic development and growth in small rural municipalities;

AND WHEREAS demographics in many areas are currently shifting and changing quickly as we work on meeting the needs of many Ontario residents during a housing crisis;

NOW THEREFORE BE IT RESOLVED that Council is requesting the provincial government through the Minister of Education to extend the moratorium on most pupil accommodation reviews in order to allow municipalities, townships, neighbourhoods and subdivisions the opportunity to prosper, develop and grow without being hindered by school closures due to low enrollments that could quickly change.

FURTHER BE IT RESOLVED that this resolution be forwarded to Premier Doug Ford, MPP Victor Fedeli and all Ontario Municipalities. **Resolution Number: 2023: 054 Carried**



Corporation of the Municipality of Calvin

Denise Holmes

From: Ilona Feldmann <ifeldmann@grandriver.ca>
Sent: Monday, March 20, 2023 3:37 PM
To: Harvey Lyon
Cc: Shari Dahmer; Sarah Thompson; Denise Holmes; comments@sourcewater.ca
Subject: Response to your public consultation comments on the Source Protection Plan updates

Mr. Lyon,

Thank you for your comments regarding the update of the Grand River and South Georgian Bay Lake Simcoe Assessment Reports and Source Protection Plans.

A summary of public consultation comments and how they were addressed will be presented in Appendix A of the revised Updated Grand River Assessment Report, and will be made available to the public once the documents are approved by the Ministry of the Environment, Conservation and Parks. In advance of approval, public consultation comments and how they were addressed will be included in a report to the Lake Erie Region Source Protection Committee on March 30, 2023. The report will be available to view or download on [Lake Erie Region's calendar](#) on March 24, 2023.

Regards,

Ilona Feldmann

Source Protection Program Assistant
Lake Erie Source Protection Region

c/o Grand River Conservation Authority

400 Clyde Road, PO Box 729

Cambridge, ON N1R 5W6

Office: 519-621-2763 ext. 2318

Toll-free: 1-866-900-4722

Email: ifeldmann@grandriver.ca

www.sourcewater.ca | [Connect with us on social media](#)



March 21, 2023

Via: Mail

Dear Sir/Madam:

SITE MEETING/INFORMATION MEETING NOTICE

A petition for drainage works describing Pt. Lot 22, Con. 7 S.W. (Township of Melancthon) was accepted by Council and a site meeting held. Subsequent to the site meeting additional petitions describing Pt. Lot 23, Con. 7 S.W. (Township of Melancthon) and Pt. Lot 42, Con. 6 (Township of Southgate) have been submitted and accepted by Council. As a result of the new petitions a site meeting is required.

A Site Meeting/Information Meeting has been scheduled for:

FRIDAY, APRIL 14, 2023 at 10:00 a.m.

to meet at the Township of Melancthon Municipal Office, 157101 Highway 10, Melancthon, Ontario with a site inspection afterwards (if required).

The purpose of the meeting is to review our findings and overall recommendations and discuss the preliminary cost distribution. Owners receiving a copy of this notice may ultimately be assessed for a portion of the cost of the work. Once the report is submitted to Council it is very difficult to make any changes. As such, your attendance and input would be greatly appreciated so that any issues can be resolved prior to the final report being prepared.

Should you have any questions or cannot attend, please contact the undersigned at (519) 938-3077 or by cell at (519) 939-1578.

Yours truly,

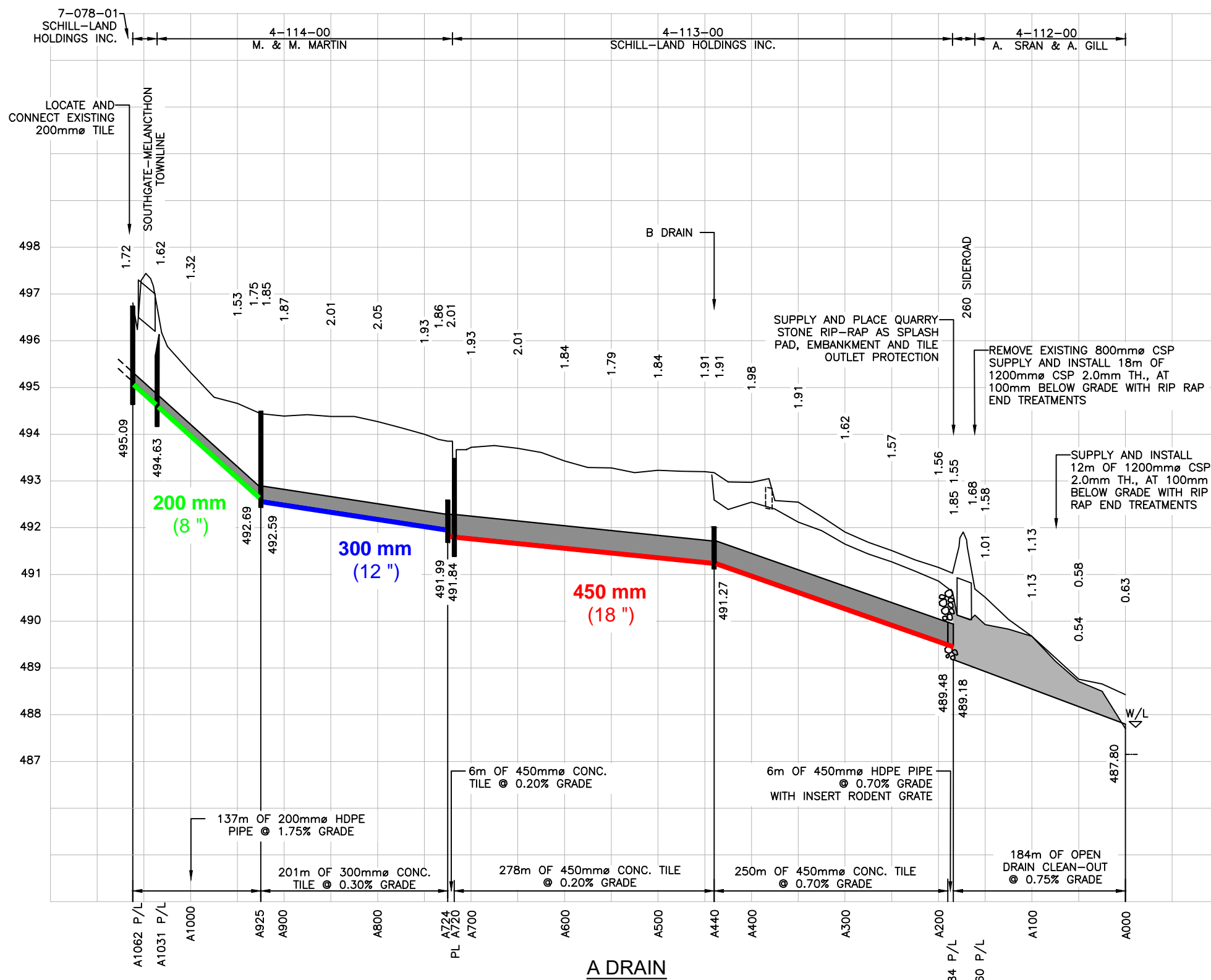
R.J. Burnside & Associates Limited

T.M. Pridham, P.Eng.
TMP:ao

Enclosure(s)

cc: Ms. Lindsey Green, Municipal Clerk, Township of Southgate (enc.) (Via: Email)
Mr. Jim Ellis, Manager of Public Works, Township of Southgate (enc.) (Via: Email)
Ms. Denise Holmes, CAO/Clerk, Township of Melancthon (enc.) (Via: Email)
Mr. Craig Micks, Public Works Superintendent, Township of Melancthon (enc.) (Via: Email)

Other than by the addressee, copying or distribution of this document, in whole or in part, is not permitted without the express written consent of R.J. Burnside & Associates Limited.

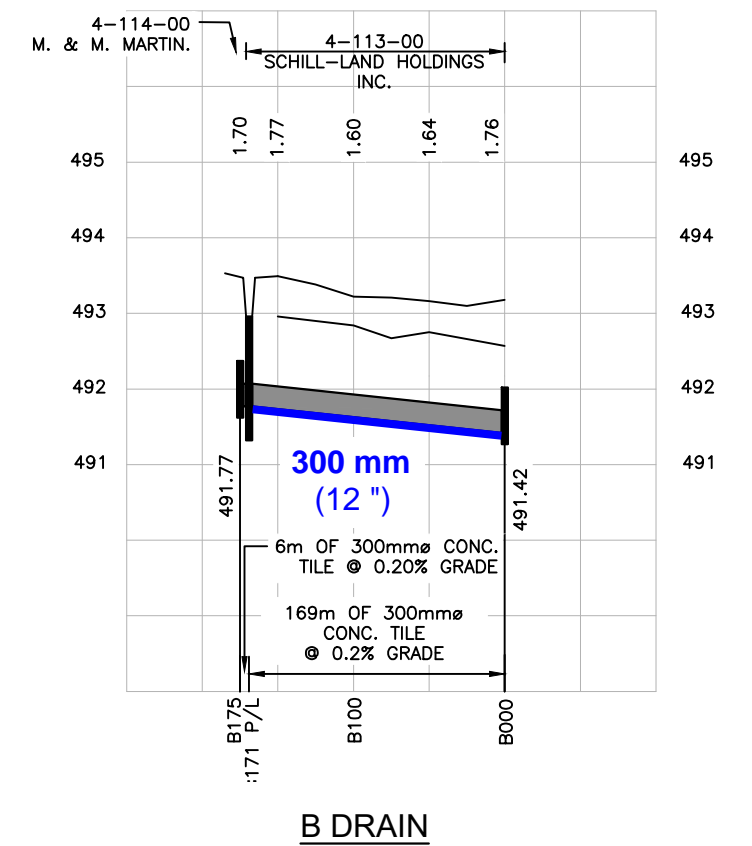


BENCHMARKS:

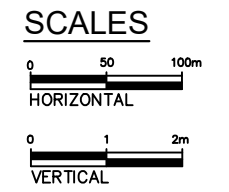
STA. A161 SPIKE IN EAST FACE OF HYDRO POLE 35m WEST ELEV = 491.95

STA. A896 SPIKE IN SOUTH FACE OF FENCE POST 10m SOUTH ELEV = 494.74

STA. A1056 SPIKE IN NORTH FACE OF HYDRO POLE 28m SOUTH ELEV = 497.00



OPEN DRAIN:
BOTTOM WIDTH 1.0m
SIDE SLOPES 2:1 (H:V)

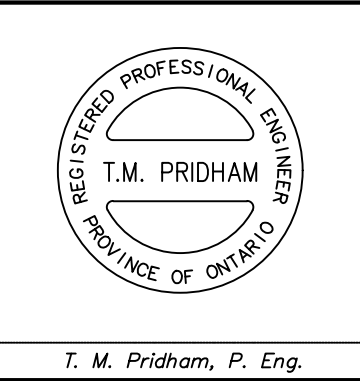


Notes

- This drawing is the exclusive property of R. J. Burnside & Associates Limited. The reproduction of any part without prior written consent of this office is strictly prohibited.
- The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.
- This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.

No.	Issue / Revision	Date	Auth.
1	DRAFT	2023/03/21	TMP

PRELIMINARY



BURNSIDE

R.J. Burnside & Associates Limited
15 Townline
Orangeville, Ontario, L9W 3R4
telephone (519) 941-5331
fax (519) 941-8120
web www.rjburnside.com

Client
TOWNSHIP OF MELANCTHON
157101 HIGHWAY 10
MELANCTHON, ONTARIO
L9V 2E6

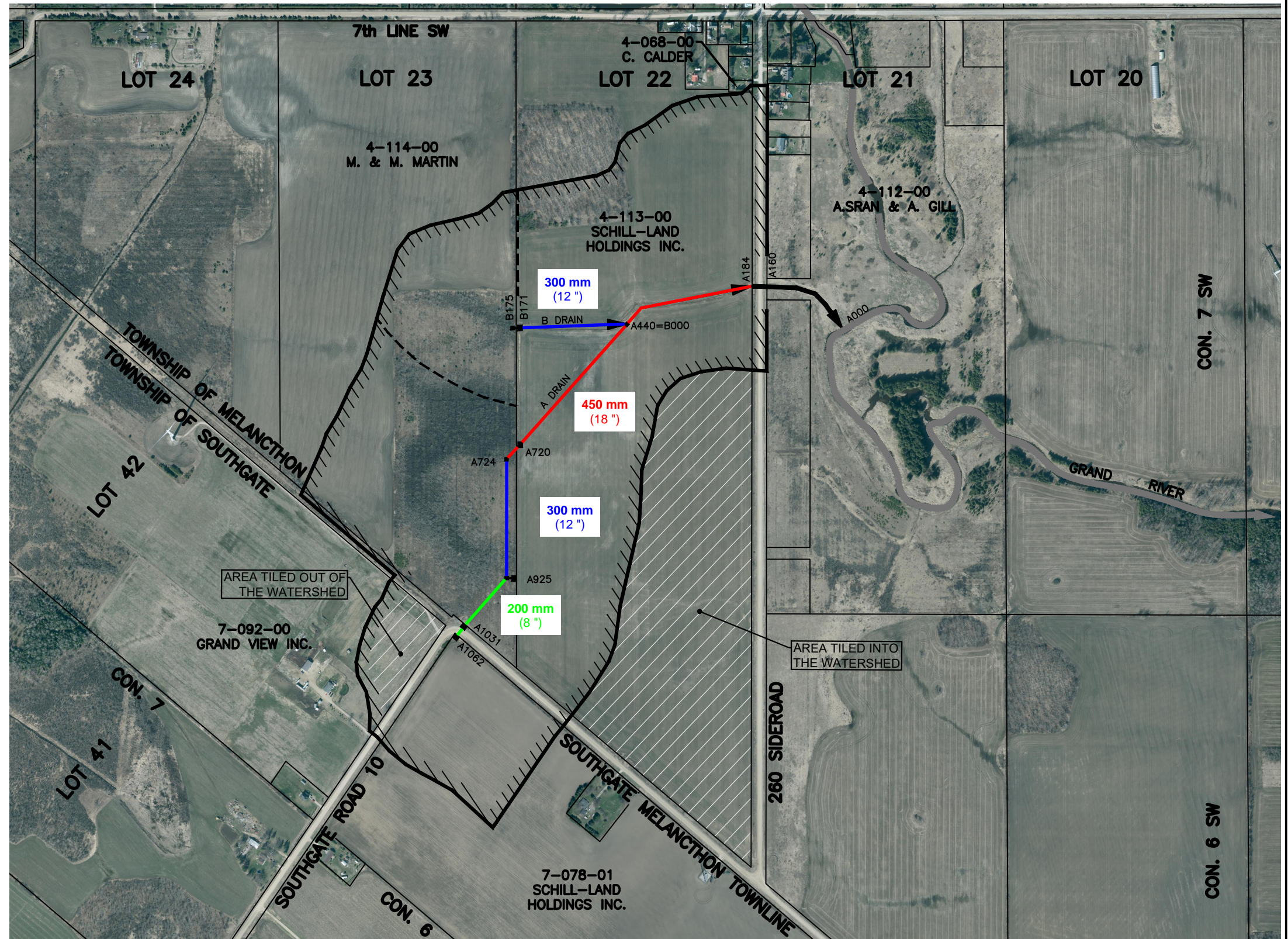
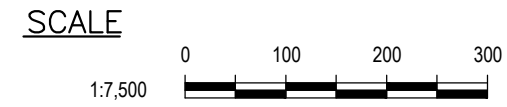
Drawing Title SCHILL DRAINAGE WORKS			
PROFILES			
Drawn	Checked	Date	Drawing No.
Scale AS SHOWN	Project No. 300036409.0000		P2



THE PROPERTY LINES SHOWN ON THIS PLAN ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.

LEGEND

- APPROXIMATE WATERSHED LIMITS
- APPROXIMATE INTERIOR WATERSHED
- DRAIN ROUTE (OPEN DRAIN)
- DRAIN ROUTE (CLOSED DRAIN)
- A720 STATION
- 4-113-00 ASSESSMENT ROLL NO.
- PROPOSED CATCHBASIN



Notes

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2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.
3. This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.

No.	Issue / Revision	Date	Auth.
1	DRAFT	2023/03/21	TMP
PRELIMINARY			

T.M. PRIDHAM
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

T. M. Pridham, P. Eng.

BURNSIDE

R.J. Burnside & Associates Limited
15 Townline
Orangeville, Ontario, L9W 3R4
telephone (519) 941-5331
fax (519) 941-8120
web www.rjburnside.com

Client
TOWNSHIP OF MELANCTHON
157101 HIGHWAY 10
MELANCTHON, ONTARIO
L9V 2E6

Drawing Title SCHILL DRAINAGE WORKS			
WATERSHED PLAN			
Drawn AKB	Checked TMP	Date	Drawing No.
Scale AS SHOWN	Project No. 300036409.0000		P1



NOTICE OF PUBLIC MEETING
County of Dufferin Official Plan Amendment
Municipal Comprehensive Review Phase 1 – Growth Management

TAKE NOTICE that the County of Dufferin will hold a Public Meeting pursuant to subsection 17(15) and 17(16) of the Planning Act, R.S.O. 1990, c.P.13, as amended, regarding a proposed first phase growth management amendment to the County of Dufferin Official Plan as a result of the County's Municipal Comprehensive Review (MCR) exercise under Section 26 of the Planning Act, R.S.O. 1990, c.P.13, as amended.

PUBLIC MEETING

The public meeting is scheduled for Thursday, April 13, 2023 at 6:00 p.m. at the W. & M. Edelbrock Centre, 30 Centre Street, Orangeville, L9W 2X1. The purpose of the public meeting is to present the proposed first phase growth management OPA being put forward for consideration as a result of the County's MCR exercise under Section 26 of the Planning Act, R.S.O. 1990, c.P.13, as amended, and give an opportunity for the public to provide input.

Any person or public body wishing to participate in the meeting, may attend in-person or virtually. To join the meeting virtually on Zoom, please use the following link:
<https://dufferincounty-ca.zoom.us/j/85885372087>
Password: 011210305

If you wish to attend the meeting either in-person or virtually, please email dcmcr@dufferincounty.ca before April 12, 2023 at 4:30 p.m. to pre-register.

Written comments can be sent to the attention of the County Clerk by email or via regular mail to the address listed at the end of this notice.

The meeting will be livestreamed and will be available on the County's YouTube channel <https://www.youtube.com/user/DufferinOne>

THE PURPOSE AND EFFECT OF THE OFFICIAL PLAN AMENDMENT

This proposed first phase growth management Official Plan Amendment (OPA) has been prepared in association with the County's MCR to bring the County Official Plan into conformity with the Provincial Growth Plan, A Place to Grow: Growth Plan for the Greater

Golden Horseshoe (Growth Plan) (Office Consolidation 2020), ensure that it has appropriate regard for matters of Provincial interest, and is consistent with the Provincial Policy Statement, 2020. The Growth Plan now requires that the County plan for a population of 99,000 residents and 40,700 jobs to the year 2051. This proposed OPA represents the first of multiple amendments to the existing County Official Plan that will establish where and how growth is to occur in the County to 2051.

The first phase growth management OPA applies to the whole of the County of Dufferin and therefore, a key map is not provided with this Notice.

NOTE: The County is specifically looking for your input on the first phase growth management OPA at this time. There will be opportunity through future statutory Open Houses and Public Meetings regarding additional County OPAs to address settlement area boundary expansions, natural heritage systems, and agricultural lands for the public to provide comment on these matters as it relates to specific properties, and in general.

ADDITIONAL INFORMATION

A copy of the proposed OPA and additional information is available at <https://joinindufferin.com/dufferin-county-municipal-comprehensive-review>

NOTIFICATION OF ADOPTION

If you wish to be notified of the adoption of the proposed OPA, you must make a written request to the County Clerk at the address listed below. Such requests must include the name and mailing address/email address to which such notice should be sent.

NOTE: The approval authority for adopted County of Dufferin Official Plan Amendments is the Ministry of Municipal Affairs and Housing. If a person or public body would otherwise have an ability to appeal the decision of the Ministry of Municipal Affairs and Housing to the Ontario Land Tribunal but the person or public body does not make oral submissions of the public meeting or make written submissions to the County of Dufferin before the proposed official plan amendment is adopted the person or public body is not entitled to appeal the decision.

If a person or public body does not make oral submissions at a public meeting or make written submissions to the County of Dufferin before the proposed official plan amendment is adopted the person or public body may not be added as a party to the hearing of an appeal before the Ontario Land Tribunal unless in the opinion of the Tribunal there are reasonable grounds to add the person or public body as a party.

NOTICE OF COLLECTION, USE, AND DISCLOSURE

All personal information collected will be used to support Council in their deliberations and decision making, and by staff, about the first phase growth management Official Plan Amendment, in accordance with sections 17 and 26 of the Planning Act and disclosed in full, including names, opinions, addresses and email, to any other persons requesting access to these records, or published as part of a public agenda. All information submitted to the County is subject to the Municipal Freedom of Information Act and Protection of Privacy Act (MFIPPA). Questions about this notice of collection should be directed to the County Clerk.

DATED at Orangeville this 17th day of March, 2023.

Michelle Dunne, County Clerk

W. & M. Edelbrock Centre

30 Centre Street, Orangeville, ON L9W 2X1

Phone: 519-941-2816 x 2504

Email: clerk@dufferincounty.ca



CORPORATION OF THE TOWN OF ESSEX

33 Talbot Street South, Essex, Ontario, N8M 1A8

p: 519.776.7336 f: 519.776.8811 | essex.ca

Honourable Steve Clark

Ministry of Municipal Affairs and Housing
College Park 17th Floor, 777 Bay Street
Toronto, ON M7A 2J3

March 22, 2023

RE: The Reinstatement of Legislation Permitting a Municipality to Retain Surplus Proceeds from Tax Sales

Dear Honourable Steve Clark,

At its Regular Council Meeting held on March 6, 2023, Mayor Bondy brought forward a Notice of Motion for Council's consideration regarding the reinstatement of previous legislation permitting a municipality to retain surplus proceeds from tax sales. It was discussed that, prior to being repealed by the Modernizing Ontario's Municipal Legislation Act, 2017, Section 380(6) of the Municipal Act, 2001 allowed for a municipality to retain surplus proceeds from tax sales within their jurisdiction. It was further noted that the Public Tax Sale process is burdensome to a municipality who invest a considerable amount of time and money recovering these proceeds for the potential sole benefit of the Crown in Right of Ontario.

As a result of this discussion, Council passed the following resolution:

R23-03-081

Moved by: Mayor Bondy

Seconded by: Councillor Allard

That Council direct Administration to send a letter to all relevant taxation bodies, including the Ministry of Municipal Affairs, the Ministry of Finance, Essex County Council, MPP Anthony Leardi, Association of the Municipalities of Ontario and all other municipalities in Ontario urging them to re-instate previous legislation that permitted a Municipality to apply for and retain the surplus proceeds from a tax sale in their jurisdiction.

Carried

I trust you will find this satisfactory. If you have any questions or comments, please feel free to contact the undersigned.

Yours truly,

Shelley Brown

Acting Clerk

sbrown@essex.ca

APR 6 2023

INFO #12



CORPORATION OF THE TOWN OF ESSEX

33 Talbot Street South, Essex, Ontario, N8M 1A8

p: 519.776.7336 f: 519.776.8811 | essex.ca

c.c. Honourable Peter Bethlenfalvy, Minister of Finance
minister.fin@ontario.ca

Mary Birch, Interim Chief Administrative Officer
mbirch@countyofessex.ca

Anthony Leardi, MPP
anthony.leardi@pc.ola.org

Association of Municipalities of Ontario ("AMO")
resolutions@amo.on.ca

All other municipalities in Ontario



March 21, 2023

To: Planning Directors of Grand River Watershed Municipalities

Re: Communication #3 – Update on GRCA Programs and Services – Ontario Regulation 596/22

As outlined in Samantha Lawson's email to all CAO/General Managers dated January 6, 2023, a new Minister's regulation (*Ontario Regulation 596/22: Prescribed Acts – Subsections 21.1.1 (1.1) and 21.1.2 (1.1) of the Conservation Authorities Act*) came into effect on January 1, 2023 which provides that Conservation Authorities (CAs) may not provide a Municipal (Category 2) or Other (Category 3) program or service related to reviewing and commenting on proposals, applications, or other matters under a prescribed Act. The prescribed Acts include, the:

- *Planning Act*
- *Aggregate Resources Act*
- *Condominium Act*
- *Drainage Act*
- *Endangered Species Act*
- *Environmental Assessment Act*
- *Environmental Protection Act*
- *Niagara Escarpment Planning and Development Act*
- *Ontario Heritage Act*
- *Ontario Water Resources Act*

As a result, impacted technical review services for development and land use planning applications that the Grand River Conservation Authority (GRCA) formerly provided under Memorandums of Understanding with municipalities will no longer be provided effective January 1, 2023. These impacted technical review services under the Prescribed Acts include:

- Natural heritage (eg. wildlife habitat, threatened/endangered species, fish habitat)
- Select aspects of stormwater management not related to natural hazards (eg. water quality, thermal mitigation)

The GRCA continues to provide plan review and commenting under the Mandatory Programs and Services Regulation (*O.R. 686/21*) which includes natural hazards. Recent changes to our non-mandatory review and commenting services for development applications as per the Prescribed Acts Regulation (*O. Reg. 596/22*) does not affect GRCA's provision of mandatory (Category 1) programs or services related to those prescribed Acts. The GRCA must continue to be circulated for mandatory program and service delivery and we will continue to review and provide comments related to natural hazard functions and regulatory requirements with a view to streamlining the overall development review and approval process while protecting life and property.

Table 1 provides an overview of the components of review that are considered in versus out of scope for GRCA's review moving forward.

To minimize disruptions to approvals processes for development and land use planning applications, the GRCA has worked with its partners to develop a transition plan for files received and under review (in progress) prior to January 1, 2023.

Below is an overview of GRCA's general transition plan.

A. Applications/Files deemed complete and circulated after January 1, 2023

GRCA will only provide plan review and commenting as a Category 1 program and service under the Mandatory Programs and Services Regulation (*O.R. 686/21*). We will continue to include comments on natural hazards, including wetlands and stormwater management (SWM) insofar as they constitute a component of natural hazard management (e.g., flood attenuation, quantity control, hydrological functions, SWM infrastructure in regulated areas) as well as any regulatory comments under *Ontario Regulation 150/06* or as amended.

Of note, where pre-consultation comments were provided prior to January 1st and the complete application was circulated after January 1st, our comments will be limited to mandatory programs and services.

B. Applications/Files deemed complete and circulated prior to January 1, 2023

In addition to providing plan review and commenting under the Mandatory Programs and Services Regulation (*O.R. 686/21*) related to natural hazards, we will continue to provide advisory review for non-mandatory, natural heritage matters for a transition period of 6 months where supported by our municipal partners. All submissions received up to July 1, 2023 will be reviewed, including multiple submissions, in support of an in-progress application.

Within our correspondence, we will separate our non-mandatory comments for municipal consideration.

Thank you for your continued patience as we work to implement these changes. I have included some frequently asked questions below for your information.

Should you have any questions or concerns, please feel free to contact me at 519-621-2763 ext. 2307 or bbrown@grandriver.ca.

Sincerely,



Beth Brown
Manager of Engineering and Planning Services

c.c. Samantha Lawson, Chief Administrative Officer - GRCA

Table 1: GRCA Plan Review Scope under O.Reg 686/21 and O.Reg 596/22

Review Component	Within Scope	Outside of Scope
Watercourses and Inland Lakes	✓	
Flood Hazard (ie. One Zone, Two-Zone, SPAs)	✓	
Erosion Hazard (ie. slope stability, stream erosion)	✓	
Shoreline Hazards (ie. flooding, erosion, dynamic beaches)	✓	
Unstable Soils/Bedrock	✓	
Groundwater ¹	✓	
Wetlands ¹	✓	
Valleylands	✓	
Hazardous Lands /Hazardous Sites	✓	
Buffer/Setback ¹	✓	
Water Balance ¹	✓	
Erosion and Sediment Control ¹	✓	
Stormwater ¹ (ie. water quantity, extended detention)	✓	
Stormwater (ie. water quality, thermal mitigation)		✗
Wildlife Habitat		✗
Threatened/Endangered Species		✗
Area of Natural and Scientific Interest (ANSI)		✗
Environmental Sensitive/Significant Area (ESA)		✗
Woodlands		✗
Natural Heritage Systems (NHS)		✗
Fish Habitat		✗

¹ GRCA will review and comment as it relates to natural hazards and/or regulatory requirements only

Frequently Asked Questions

1. Is the GRCA still involved in plan review?

Yes. *Ontario Regulation 596/22* does not affect GRCA's provision of mandatory or Category 1 programs or services (i.e., natural hazards and wetlands) related to reviewing and commenting on a proposal, application, or other matter made under those Acts. Municipalities are still required to circulate planning applications and technical reports to the GRCA so that we may review and comment on natural hazard and wetland matters per *Ontario Regulation 686/21: Mandatory Programs and Services*. Comments provided will reflect a watershed-based approach to the provision of mandatory programs and services.

2. Are permits pursuant to *Ontario Regulation 150/06* (or amended) still required?

Yes. *Ontario Regulation 596/22* does not affect GRCA's provision of mandatory or Category 1 programs or services, including our regulatory responsibility under *Ontario Regulation 150/06*. Permission from the GRCA is required to develop in river or stream valleys, wetlands, shorelines or hazardous lands; alter a river, creek, stream or watercourse; or interfere with a wetland. For more information on permitting, please visit our website [here](#).

3. Where the GRCA had requested conditions of approval for Draft Plans of Subdivision related to natural heritage, will the GRCA provide clearance of those conditions during the 6 month transition period and beyond?

During the 6 month transition period, the GRCA will continue to review submissions for non-mandatory, natural heritage matters. If satisfied, staff will inform the municipality previous comments were addressed, and defer clearance to the municipality. For new files received January 1st or beyond the transition period for in progress files, the GRCA will defer clearance of natural heritage-related conditions to the municipality. GRCA will continue to provide clearance of conditions related to a mandatory program or service.

4. Will the plan review Memorandums of Understanding (MOU) with the municipalities be updated?

GRCA will continue to undertake plan review as a mandatory service and program as per *Ontario Regulation 686/21: Mandatory Programs and Services*, therefore a formal plan review MOU is no longer required. However, some municipalities have expressed an interest in creating a guidance or protocol document to outline roles and responsibilities. GRCA staff will work collaboratively with interested municipalities and neighbouring Conservation Authorities (as applicable) on this initiative.

Denise Holmes

From: K Fryer [REDACTED]
Sent: Thursday, March 16, 2023 8:22 PM
To: Denise Holmes
Subject: Comment on Strada portion of meeting

Hi again Denise,

I would like to comment on the Strada/NDACT portion of the meeting this evening.

I would agree that it is good that the two are in communication. However, it is my understanding that Strada says the application will not go forward if it is found not to be feasible. All the patting on the back for the Strada and NDACT cooperation, seems to suggest the belief is that the project will go forward. NDACT does not seem to have any issues with this and seem only to be concerned with agreements they can have in place when it does proceed.

I am not in favour of Quarry. This is much more of a concern than a gravel pit. I was disappointed in council not showing any resistance to the Quarry itself during this meeting. Mayor White's compliments directed towards NDACT are justifiable for the fight against the Mega Quarry, but I don't believe NDACT deserves the same for the current situation. They are not fighting against this quarry.

Studies that have been done and are continuing by consultants for Strada, may or may not support the quarry. These studies may or may not be bias. We'll have to wait until they are available. Our property has been studied with great interest and acknowledgement of significant wetlands and woodland. It will be interesting to see the final conclusions that NRSI reports and whether or not they will have any affect on the Strada proposal.

Respectfully,

Ken Fryer

CORPORATION OF THE TOWNSHIP OF MELANCTHON

BY-LAW NO. -2023

A By-law to provide remuneration, allowances and expenses for Members of Council.

WHEREAS the Municipal Act, 2001, S.O. 2001, c. 25, Section 283, provides that a municipality may pay any part of the remuneration and expenses of the members of Council, any local board and officers and municipal employees of the municipality; provides that Council may pass by-laws for payment of its Members.

AND WHEREAS the Council of the Township of Melancthon deems it necessary to enact a by-law to establish the rate of remuneration for Members of Council;

NOW THEREFORE the Township of Melancthon enacts as follows:

1. The annual remuneration for Mayor shall be \$18,998.12 per annum effective the first day of January, 2023
2. The annual remuneration for the Deputy Mayor shall be \$16,400.56 per annum effective the first day of January, 2023.
3. The annual remuneration of a Councillor shall be \$15,188.97 per annum effective the first day of January, 2022.
4. Members of Council attending Conferences, shall be paid at the rate of \$100.00 per day and \$0.50 per km.
5. In addition to the annual remuneration, a member of Council attending meetings outside Municipality shall receive \$75.00 per diem and \$0.50 per km. for functions authorized by Council. The remuneration does not apply to Joint Council meetings.
6. The Mayor as an ex officio member of other Boards and Committees and each member of Council appointed by Council to serve on the following Boards shall be paid for attendance at meeting at the following rates:

<u>Board</u>	<u>Rate</u>
Cemetery, Park, Hall Boards	\$75.00
Other Boards of Management	\$75.00
Police Services Board	\$75.00
Advisory Committees	\$75.00

For attendance on the above Boards/Committees, the members of Council shall receive \$0.50 per km. for necessary travel in connection with their duties.

7. Each member of Council appointed by Council to a Sub-Committee of Council shall be paid \$75.00 per meeting.
8. Members of Council shall be reimbursed to attend Municipal Conferences, Seminars and/or register for Online/In Class courses in accordance with the Township’s Council Conference and Continuing Education Policy and subject to any changes.
9. Members of Council, with the exception of the Mayor and Deputy Mayor, shall receive a monthly allowance of \$75.00 for IT and supplies. (Note: Mayor and Deputy Mayor receive an allowance from the County of Dufferin).
10. The members of Council shall be paid \$0.50 per km. for necessary travel in connection with their duties.
11. All by-laws inconsistent with this by-law are hereby repealed.

By-law read a first and second time this 6th day of April, 2023.
By-law read a third time and passed this 6th day of April, 2023.

MAYOR

CLERK

RECEIVED

MAR 21 2023



SHELBURNE PUBLIC LIBRARY

201 Owen Sound Street
Shelburne, Ontario
L9V 3L2

Telephone 519-925-2168
Fax 519-925-6555
www.shelburnelibrary.ca

March 9, 2023

Township of Melancthon
157101 Highway 10
Melancthon, ON L9V 2E6

Attention: Ms. Denise Holmes

Dear Ms. Holmes

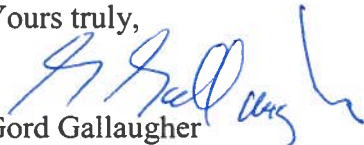
Re: 2023 Library Board Agreement

Enclosed are 3 copies of the 2023 Municipal Agreement between the Township of Melancthon and the Shelburne Public Library Board, in triplicate. Please review, sign and return 2 copies of the agreement at your earliest convenience. We will sign and return one copy for your records.

I have also enclosed invoices for the instalments as requested by some municipalities.

If you have any questions, please do not hesitate to contact either myself or Rose Dotten, CEO.

Yours truly,



Gord Gallaugher
Treasurer
Shelburne Public Library

/gg

Encl. agreement, 3 invoices

AGREEMENT

THIS AGREEMENT made in triplicate this day of March, 2023,

BETWEEN: THE SHELBURNE PUBLIC LIBRARY BOARD
(hereinafter called the "Board")

AND THE CORPORATION OF THE TOWNSHIP OF MELANCTHON
(hereinafter called the "Municipality")

WHEREAS Section 29 (1) of the Public Libraries Act, R.S.O. 1990 Chapter P.44, allows for the council of a municipality to enter into a contract with a public library board for the purpose of providing the residents of the municipality with library services.

AND WHEREAS the Board and the Municipality deem it expedient to enter into such an agreement.

NOW THEREFORE WITNESSETH THIS AGREEMENT that in consideration of the covenants and terms contained herein, the parties hereto agree as follows:

1. DESCRIPTION OF SERVICES:

- 1.1 The Board shall endeavour to provide in co-operation with other public library boards a comprehensive and efficient library service to the residents of the Municipality.
- 1.2 The Board shall operate a library which shall be open a minimum of 25 hours per week and shall not make a charge for membership in the library.
- 1.3 The Board shall allow the residents of the Municipality to,
 - a. borrow circulating materials; and
 - b. use reference and information services as the Public Library Board considers practicable, without making any charge.
- 1.4 The Board may impose such fees as it considers proper for services not referred to in sections 1.2 and 1.3.

2. WARRANTIES OF THE BOARD:

- 2.1 The Board is a corporation duly established under the *Public Libraries Act, 1990*.
- 2.2 To ensure quality library service under this Agreement the Board shall:
 - 2.2.1 ensure that all materials are available for use outside the library except those used for reference service, and rare and fragile items;
 - 2.2.2 ensure circulation policies of greatest convenience to the users and maximum use of materials;
 - 2.2.3 ensure that the selection of materials reflects the needs of the community.

3. REPORTS:

- 3.1 The Board shall submit an annual report to the Municipality.
- 3.2 The Municipality shall make an annual financial report to the Minister and make any other reports required by the Public Libraries Act, 1990 and the regulations or as requested by the Minister.

4. LIMITATION OF LIABILITY:

4.1 The Municipality shall not be liable for any injury, death or property damage to the Board, its employees or agents or for any claim by any third party against the Board, its employees or agents.

5. INSPECTION:

5.1 The Municipality shall be entitled, at all reasonable times, to review any records, books, accounts and documents in the possession of or under the control of the Board, subject to the *Municipal Freedom of Information and Protection of Privacy Act (MFIPPA)*, Section 14.

6. NOTICES:

6.1 Notices under this Agreement shall be given in writing by personal delivery, or by mail, or by facsimile transmission.

6.2 Notice by mail shall be deemed to have been given on the third business day after the date of mailing.

6.3 Mailing addresses for notices under this Agreement are as follows:

- i) for Township of Melancthon
157101 Highway 10
Melancthon, ON L9V 2E6
- ii) for Shelburne Public Library Board
201 Owen Sound St.
Shelburne, ON L9V 3L2

7. FINANCIAL:

7.1 The Municipality shall annually levy upon its assessment a sum to be used for the maintenance of the Board.

7.2 The Municipality shall in addition pay to the Board certain monies paid to the Municipality by the Province of Ontario for library services.

7.3 The sum of funds received by the Municipality under Sections 7.1 and 7.2 shall be equal to the Municipality's portion of the total funds required by the Board, as shown in Appendix B.

7.4 The attached Appendix A, which forms part of this Agreement, is a copy of the Board resolution being the new Funding Formula that was passed by the Board on June 21, 2016.

7.5 The attached Appendix B, which forms part of this Agreement, is a listing of the Payments to be made by the Municipality if the option in 8.1.A is chosen.

8. PAYMENT TERMS:

8.1 The Municipality shall pay to the Board the funds under Section 7.3 according to one of the following payment options:

- A.
 - 1. Fifty percent (50%) of the amount required for Board purposes in the current year **on or before** the 31st day of March, 2023.
 - 2. Twenty-five percent (25%) of the amount required for Board purposes in the current year, on or before the 30th day of June, 2023.
 - 3. Remainder of the balance owing on or before the 30th day of September 2023.
- B.
 - 1. Funds raised under Section 7.1 shall be paid to the Board in equal installments coincident with the dates upon which the Municipality collects its taxes in 2023.

2. Funds raised under Section 7.2 shall be paid to the Board within fifteen (15) days of being received by the Municipality.

8.2 If, in the year 2023 the Board's budget is not approved by the Town of Shelburne by March 31, 2023, the Municipality shall pay to the Board an interim payment of funds according to the following schedule which interim payment of funds shall be deducted from the Municipality's 2023 levy once the Board's budget is finalized.

1. Fifty percent (50%) of the amount required for board purposes in 2022, which amount shall be paid to the Board on or before the 31st day of March, 2023.

9. FAILURE TO MAKE PAYMENTS:

9.1 If the payment schedule chosen by the Municipality is not complied with, the Library reserves the right to withdraw the Library services to residents of the Municipality until the payment is complied with.

10. ENTIRE AGREEMENT:

10.1 This agreement constitutes the entire Agreement between the parties. Upon the execution of this Agreement, any existing Agreements between the parties with respect to library services shall forthwith become null and void.

10.2 In the event that any covenant, provision or term of this Agreement should at any time be held by any competent tribunal to be void or unenforceable, then the Agreement shall not fail but the covenant, provision or term shall be deemed to be severable from the remainder of this Agreement which shall remain in full force and effect, mutatis mutandis.

IN WITNESS WHEREOF the parties hereto have hereunto affixed their respective corporate seals duly attested to by the hands of their respective proper officers in that behalf.

THE SHELburne PUBLIC LIBRARY BOARD

THE CORPORATION OF THE TOWNSHIP OF MELANCTHON

Per: _____
Chair Date Signed:

Per: _____
Mayor Date Signed:

Per: _____
Secretary/Treasurer Date Signed;

Per: _____
Clerk Date Signed:

MUNICIPALITY ELECTION UNDER SECTION 8 Initial one only:

8.1.A _____
Mayor

Clerk

8.1.B _____
Mayor

Clerk

APPENDIX A

Resolution extracted from Shelburne Public Library Board minutes dated June 21, 2016:

Funding Formula

Motion 29-16 L. Townsend, D. Besley

WHEREAS on June 8, 2016, a meeting was held with the Mayors, Municipal Clerks and Council Representatives of the Town of Shelburne and the four contracting Municipalities of Amaranth, Melancthon, Mono and Mulmur, together with Geoff Dunlop, Board Chair, Rose Dotten, CEO/Head Librarian, and Gord Gallagher, Treasurer;

AND WHEREAS it was determined that the funding formula for the Shelburne Public Library should be revised to reflect the change in the number of households with patrons in all five municipalities;

Therefore, be it resolved that beginning in January, 2017, the levy required to balance the Shelburne Public Library operating budget will be allocated based on a 3-year average of active household cardholders, determined by the Library operating system, as of September 30 in the year preceding the budget year, for each municipality;

Be it further resolved that in addition to the foregoing, any capital projects for the Library requiring additional municipal funding will be allocated based on the same formula;

Be it further resolved that the Municipal partners may use the MPAC assessment totals as of September 30 each year as a verification tool for any substantial shifts in household user numbers.

Carried

APPENDIX B

Township of Melancthon Assessment is \$61,915.00

Under Option 8.1.A - the payments shall be:

March 31, 2023	\$30,957.50
June 30, 2023	\$15,478.75
September 30, 2023	\$15,478.75



THE SHEPHERD'S CUPBOARD FoodbankK
167 Centre St. Shelburne, Ontario. L9V 3R8

February 28, 2023

Melancthon Township
157101 Highway 10
Melancthon, ON
L9V 2E6

RE: The Shepherd's Cupboard Foodbank

Dear Mayor Darren White and Council:

We are contacting you today to inform you of the needs of the foodbank. The Shepherd's Cupboard Foodbank has been in operation for 32 years here in Shelburne, serving not only the Town of Shelburne, but also residents in Melancthon, Mulmur, North Amaranth and North Mono. The foodbank is open on Wednesdays in the day and Thursdays in the evenings weekly. We are open daily to receive any emergency calls for food that are left on the foodbank extension on the main town line or that come in via our Facebook page. We deliver to medically fragile seniors once a month and also have a travelling Seniors Market that goes to the four county run seniors homes in Shelburne, looking to possibly expand that to include a rural location later this year. We assist in August with Rotary to provide a Backpack Program and in December to provide Christmas Hampers. We are 100% volunteer operated which allows all donations to be used on our clients. We have a board of directors and operate utilizing around 60 volunteers. We are currently housed on the bottom level of the Mel Lloyd Centre where our rent is lieu of accessing certain grants with the county. We are not licensed, but are loosely housed under the umbrellas of Compass Community Church and Trinity United Church so we can give tax receipts. We are able to do all this through the generous donations we receive and through grants. Since COVID, we have experienced unprecedented growth in usage numbers, coupled with high food costs and stock acquisition difficulties.

A recent check of usage statistics has shown that of the nearly 300 families that access the foodbankK monthly, 25% of them reside in Melancthon. We have accessed a municipal grant from the Town of Shelburne and were asked to approach the other municipalities that utilize our services to see what funding is available. We would also like these municipalities to investigate ongoing ways they can inform their residents of the increased need of food insecurity and promote both food and monetary donations.

APR 6 2023

DEL #18.1



Many of our current volunteers are residents of Melancthon and are eager to see there is ongoing support for the foodbank.

We would be happy to appear as a delegation to answer any questions about the foodbank, it's services and the ongoing needs. We look forward to hearing from you how the township plans on helping us continue to assist those experiencing food insecurity in Melancthon.

Many thanks!

Sincerely,

The Board of the Shepherd's Cupboard Foodbank



TOWNSHIP OF MELANCTHON

DELEGATION REQUEST FORM

Request for Delegation, any written submissions and background information for consideration by Council must be submitted to the Clerk's Office by 12:00 noon on the Thursday, **prior to the requested meeting.**

REQUEST DATE: April 6, 2023

NAME: James Hunter c/o Innovative Planning Solutions PHONE: 705-812-2381 ex.29

ADDRESS: 647 Welham Road, Unit 9, Barrie, ON

EMAIL ADDRESS: jhunter@ipsconsultinginc.com

SIGNATURE: JH

Purpose of Delegation Request (state position taken on issue, if applicable).

Please refer to the memo provided with the delegation request.

REMINDER - DELEGATIONS ARE ALLOWED 10 MINUTES TO SPEAK

Personal information contained on this form is collected under the authority of *The Municipal Freedom of Information and Protection of Privacy Act*. This sheet and any additional information provided will be placed on the Council Agenda. The Agenda is a public document and forms part of the permanent public record. Questions about this collection should be directed to the Clerk at 519-925-5525.



INNOVATIVE PLANNING SOLUTIONS

planners • project managers • land development

March 29, 2023

Township of Melancthon
157101 Highway 10
Melancthon, ON
L9V 2E6

Attention: Mayor White & Members of Council

Re: HONDA STORAGE COUNCIL DEPUTATION – APRIL 6TH, 2023
437138 4th Line, Duivenvoorden Haulage Ltd.
Township of Melancthon, County of Dufferin

1.0 INTRODUCTION

Duivenvoorden Haulage Ltd. (DHL) are the owners of 437138 4th Line in the Township of Melancthon. The subject lands are licensed as a Class 'A' pit under the Aggregate Resources Act (License No. 3726), and are currently utilized for aggregate operations.

The purpose of this memorandum is to support a delegation to the Council of Melancthon to permit the temporary storage of Honda automobiles on the subject lands.

2.0 LAND USE

The subject lands are designated in the Township of Melancthon Official Plan as '**Agricultural**' (Schedule A1), and are zoned '**Extractive Industrial (M2)**' by the Township By-law (12-1979). Permitted uses includes that accessory to aggregate operations.

The storage of automobiles is not established as a permitted use under the current designation or zone; therefore, Council approval would be required to permit it on a temporary basis.

3.0 OVERVIEW

Honda Alliston has been in operation since 1986 and is known for producing the vehicles that many of us drive. Alliston is a manufacturing plant of 4 million square feet and has a capital

investment of \$4.7 billion CAD; meaning that it is a significant component of the company's production line. When the plant is in full production, it is a vital economic driver and an essential employment establishment. According to Honda Canada, the plant produces 400,000 vehicles and 260,000 engines on an annual basis, supporting more than 4,200 employees at the plant. The company is a significant employer in the region and employs residents from various municipalities.

As outlined in the attached letter from Commercial Fleet Parking (CFP), Honda Canada Manufacturing (HCM - Alliston) produces approximately 1500 new vehicles daily in the Alliston assembly plant and the railcar shortage has created a growing surplus of vehicles waiting for available empty railcars. While the railcar supply may resolve in coming weeks (specific timeframe unknown), HCM inventory swell has reached a critical level creating the need for emergent/temporary off-site storage. Without offsite storage, the possibility exists that the plant could be forced to cease production due to space constraints.

Commercial Fleet Parking (representing HCM) has informed the landowner that there are no suitable storage site prospects that are currently zoned for vehicle storage and available.

The subject lands have been inspected and could be a suitable short-term site to provide HCM a storage solution. To alleviate the backlog of automobiles, Honda is requesting and supporting the use of the subject lands for temporary storage of their automobiles.

4.0 STORAGE LOCATION

The storage of automobiles will be located on lands not utilized for aggregate operations, preserving the principal and existing use of the lands. The area identified by Commercial Fleet Parking on behalf of Honda Canada is the lands towards the eastern side of the property, located interior to the existing berm, screening the storage of vehicles from the 4th Line. The area identified has been previously utilized for extraction, therefore operations would not occur in this area. This location is relatively flat in topography, which makes it practical for storage.

The identified area would be roughly 15 acres (6 hectares) of land. Refer to Appendix 1.

Further, the 4th Line to the entrance of the subject lands is identified by the Township of Melancthon Official Plan (Schedule A1) as an '*Existing Mineral Aggregate Haul Route*', therefore, the connecting road network could accommodate the temporary movement of trucks associated with importing the automobiles to the subject lands.

It is common for aggregate sites to include storage as an additional use on the lands. Many municipalities permit accessory storage to the principal use, through an agreement with the municipality, or as an added use under the Aggregate Resources Act License (ARA). Given that the desired use is not an explicit use in the Township By-law, Council approval is required to permit the storage.

5.0 TIMING

The temporary storage of automobiles on the lands would be expected for roughly 2-4 months each spring, as this is typically when the plant hits capacity.

The Owner/Applicant is directly ready to accommodate the storage needs, within minimal site works required to prep the surface of the identified lands.

6.0 REQUEST

It is a growing concern of HCM that the surplus of vehicles would create a cease to production and force the company to layoff employees. Our formal request is to permit the temporary storage of automobiles on the subject lands, in an identified location as deemed appropriate by Commercial Fleet Parking and Honda Canada Manufacturing

Under section 39 (1) of the Planning Act (R.S.O. 1990), Council may enact temporary use By-laws to allow land uses to be zoned and utilized for those uses which do not conform to the permitted uses under the By-law. Further, the temporary use By-law is permitted to describe the lands affected and set out a timeline for such a use.

Temporary use provisions

39 (1) The council of a local municipality may, in a by-law passed under section 34, authorize the temporary use of land, buildings or structures for any purpose set out therein that is otherwise prohibited by the by-law. R.S.O. 1990, c. P.13, s. 39 (1).

Area and time in effect

39 (2) A by-law authorizing a temporary use under subsection (1) shall define the area to which it applies and specify the period of time for which the authorization shall be in effect, which shall not exceed three years from the day of the passing of the by-law. 2002, c. 17, Sched. B, s. 11 (2).

Extension

39 (3) Despite subsection (2), the council may by by-law grant further periods of not more than three years each during which the temporary use is authorized. R.S.O. 1990, c. P.13, s. 39 (3).

With the request, it is our recommendation that the Owner/Applicant and the Township enter into an agreement, detailing the conditions of how storage of automobiles may be permitted, and further setting out an allocated amount of time.

Further, the Owner/Applicant is open to discussing incentives for the Township, such as a monthly fee associated with the temporary storage use.

We look forward to bringing this request before Council for consideration.

Respectfully submitted,
Innovative Planning Solutions

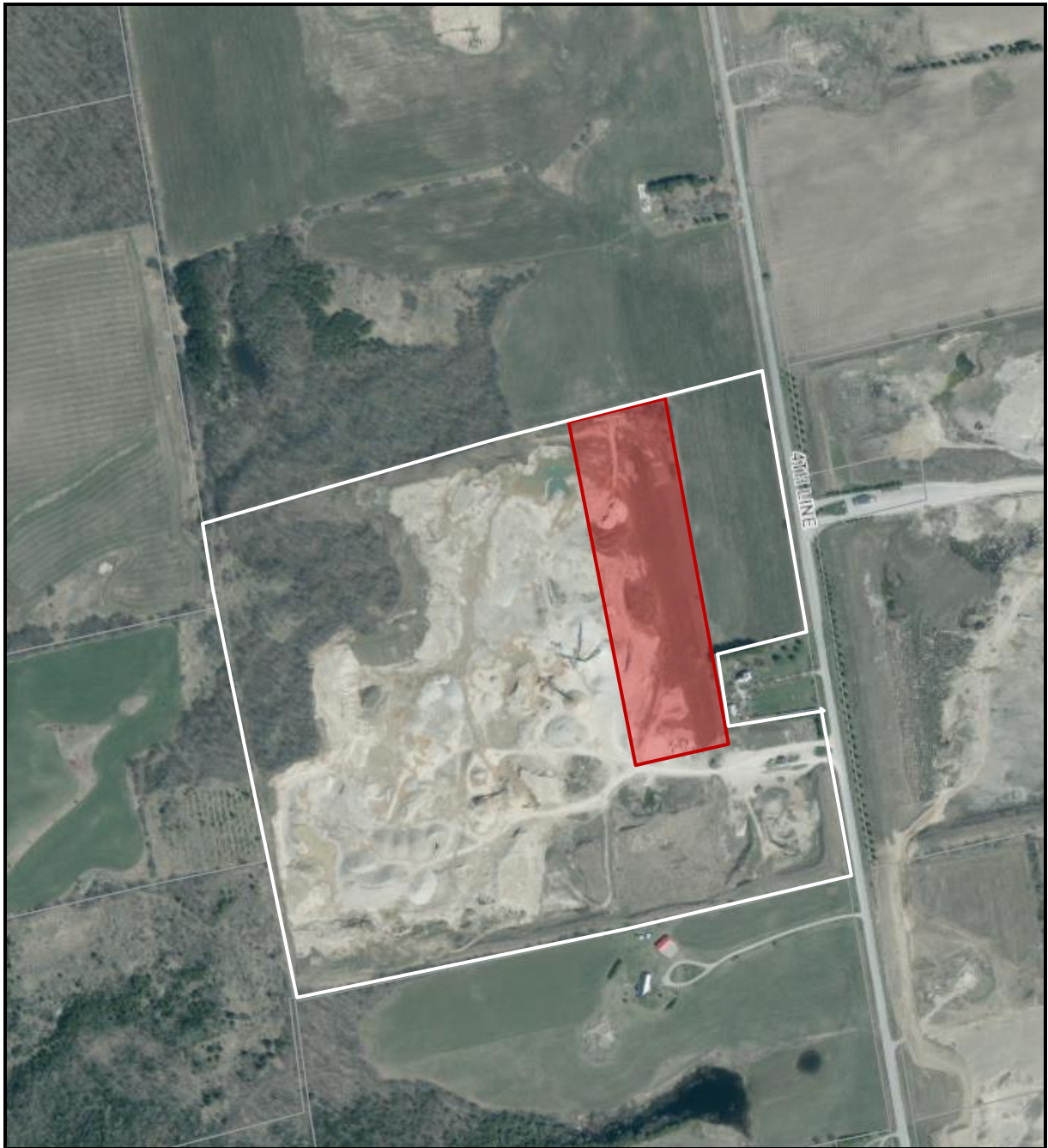


James Hunter, BURPI.
ASSOCIATE

Cc'd:

- John Duivenvoorden, Applicant/Owner, Duivenvoorden Haulage Ltd. (DHL)
- Denise B. Holmes, CAO/Clerk, Township of Melancthon

Appendix 1. Location of Proposed Storage



Commercial Fleet Parking

88 Crompton Drive, Barrie, Ontario • 705-229-7534 • kevindavis.cfp@gmail.com

MARCH 23, 2023

RE: VARIANCE SUPPORT

We are Commercial Fleet Parking Ltd. and are currently working directly with Honda Canada Manufacturing (HCM - Alliston) to source and deliver OEM finished vehicle storage solutions.

The ebb and flow of new vehicle distribution, is currently undergoing a North American wide (critical) shortage of empty railcars, used for the distribution of finished vehicles. HCM produce approximately 1500 new vehicles daily in the Alliston assembly plant and the railcar shortage has created a growing surplus of vehicles waiting for available empty railcars.

While the railcar supply will resolve in coming weeks, HCM inventory swell has reached a critical level creating the need for emergent/temporary offsite storage. Without offsite storage, the possibility exists that the plant could be forced to cease production due to space constraints.

There are no suitable storage site prospects that are currently zoned for vehicle storage and available. The property at 437138 4 Line in the Township of Melancthon is operated by Duivenvoorden Haulage, has been inspected and could be a suitable short-term site to provide HCM a storage solution. The owner, John Duivenvoorden has graciously expressed his willingness to help support local industry by making a portion of his land available to HCM however, current zoning does not support temporary storage of new vehicles. As such John is making application for a zoning variance.

We would like to appeal, on behalf of all parties concerned for an expedited variance approval to support local industry and economy. The HCM Alliston Plant employees approximately 4600 people directly and countless more in industries supporting the plant operation. In short, we need urgent help providing a viable, temporary storage solution to HCM, to support the Alliston Plant.

Your consideration appreciated.