

APPENDIX A  
PROPERTY INFORMATION

Environmental Assessment Registration Document:  
Middle River Pit Expansion  
Middle River, Inverness County  
Nova Scotia

## APPROVAL

**Province of Nova Scotia  
Environment Act, S.N.S. 1994-95, c.1 s.1**

**APPROVAL HOLDER:** MUNICIPAL ENTERPRISES LIMITED

**SITE PID:** 85009397

**APPROVAL NO:** 2011-078985-01

**EXPIRY DATE:** January 24, 2032

**Pursuant to Part V of the Environment Act, S.N.S. 1994-95, c.1 s.1 as amended from time to time, approval is granted to the Approval Holder subject to the Terms and Conditions attached to and forming part of this Approval, for the following activity:**

Industrial - Construction - Pit



**Administrator:** Doreen Mackley

**Effective Date:** January 24, 2022

The Minister's powers and responsibilities under the Act with respect to this Approval have been delegated to the Administrator named above. Therefore, any information or notifications required to be provided to the Minister under this Approval can be provided to the Administrator unless otherwise advised in writing.

# TERMS AND CONDITIONS OF APPROVAL

## Nova Scotia Department of Environment and Climate Change

**Approval Holder:** MUNICIPAL ENTERPRISES LIMITED

**Project:** Middle River Pit

**Site:**

<b>PID</b>	<b>Civic #</b>	<b>Street Name</b>	<b>Street Type</b>	<b>Community</b>	<b>County</b>
85009397	71	MACINTYRE	RD.	MIDDLE RIVER	VICTORIA COUNTY

**Approval No:** 2011-078985-01

**File No:** 92100-30-SYD-2011-078985

### Reference Documents

- Application submitted October 26, 2021 and attachments.

### 1. Definitions

- a. Abandonment means cessation of production of aggregate for a period of 36 months or notification of abandonment has been received by the Department in accordance with the Approval and Notification Procedures Regulations.
- b. Act means Environment Act, 1994-95, c.1, s.1, and includes, unless the context otherwise requires, the regulations made pursuant to the Act, as amended from time to time.
- c. Active Area means the area occupied by the working face, disturbed areas, rehabilitated areas, any structure, processing facility, pollution abatement system, settling pond, aggregate stockpile and/or overburden associated with the Pit and Pit activities. The active area excludes the scale, scale house, and access roads.
- d. Department means the Nova Scotia Department of Environment and Climate Change, and the contact for the Department for this approval is:  
Nova Scotia Department of Environment and Climate Change  
Eastern Region, Sydney Office  
1030 Upper Prince Street, Suite 2  
Sydney, Nova Scotia B1P 5P6

Phone: (902) 563-2100

Fax: (902) 563-2387

- e. Disturbed Area means an area in an unnatural state, affected by human activity associated with the Pit.
- f. Minister means the Minister of Environment and Climate Change and includes any person delegated the authority of the Minister.
- g. Overburden means material, including organics, overlying a deposit of aggregate.
- h. Site means a place where a designated activity and/or undertaking is occurring or may occur.
- i. Surface Watercourse means a watercourse as defined in the Environment Act, excluding groundwater.
- j. Undisturbed means in a natural state, unaffected by human activity, or rehabilitated to the satisfaction of the Department.

## **2. Scope**

- a. This Approval (the "Approval") relates to the Approval Holder(s) and their application and all documentation submitted to the Department prior to the issuance of this approval for the Pit situated at or near 71 MacIntyre Road, Middle River, Victoria County.
- b. The Approval Holder(s) shall ensure the designated activity is carried out in accordance with this Approval and reference documents, including the application and supporting documentation.

## **3. General**

- a. The Approval Holder(s) shall conduct the Designated Activity in accordance with the following provisions:
  - i. The Act, as amended from time to time;
  - ii. Nova Scotia Environment and Labour Pit and Quarry Guidelines, 2003, as amended from time to time.
- b. Nothing in this Approval relieves the Approval Holder(s) of the responsibility for obtaining and paying for all licenses, permits, approvals or authorizations necessary for carrying out the work authorized to be performed by this Approval which may be required by municipal by-laws, provincial or federal legislation, or other organizations. The Minister does not warrant that such licenses, permits, approvals or other authorizations will be issued.
- c. No authority is granted by this Approval to enable the Approval Holder(s) to commence or continue the designated activity on lands which are not in the control or ownership of the Approval Holder(s). It is the responsibility of the Approval Holder(s) to ensure that such a contravention does not occur. The Approval Holder(s) shall provide, to the Department, proof of such control or

ownership upon expiry of any relevant lease or agreement. Failure to retain said authorization may result in this Approval being cancelled or suspended.

- d. If there is a discrepancy between the reference documents and the terms and conditions of this Approval, the terms and conditions of this Approval shall apply.
- e. Any request for renewal or amendment of this Approval is to be made in writing, to the Department, at least ninety (90) days prior to the Approval expiry.
- f. The Approval Holder(s) shall not transfer, sell, lease, assign or otherwise dispose of this Approval without the written consent of the Minister. The sale of a controlling interest of a business or a transfer of the approval from a parent company to a subsidiary or an affiliate is deemed to be a transfer requiring consent.
- g. If the Minister cancels or suspends this Approval, the Approval Holder(s) remains subject to the penalty provisions of the Act.
- h. The Approval Holder(s) shall advise the Department in writing prior to any proposed extensions or modifications to the Activity and/or the Site. An amendment to this Approval may be required before implementing any extension or modification.
- i. The Approval Holder(s) shall immediately notify the Department of any incidents of non-compliance with this Approval.
- j. The Approval Holder(s) shall bear all expenses incurred in carrying out the environmental monitoring required under the terms and conditions of this Approval.
- k. Unless specified otherwise in this Approval, all samples required to be collected by this Approval shall be collected, preserved and analysed, by qualified personnel, in accordance with recognized industry standards and procedures that are all deemed acceptable to the Department.
- l. Unless written authorization is received otherwise from the Minister, all samples required by this Approval shall be analyzed by a laboratory that meets the requirements of the Department's "Policy on Acceptable Certification of Laboratories" as amended from time to time.
- m. The Approval Holder(s) shall ensure that this Approval, or a copy, is present on Site while personnel are on Site.
- n. The Approval Holder(s) shall ensure that personnel directly involved in the designated activity are made fully aware of the terms and conditions of this Approval.
- o. Upon any changes to the Registry of Joint Stock Companies information, the Approval Holder(s) shall provide a copy to the Department within five business days.

#### **4. Separation Distances**

- a. The Approval Holder(s) shall not conduct the designated activity within the following separation distances unless otherwise exempted or varied by conditions of this approval:
  - i. Public or common highway - 30 m
  - ii. Watercourse (top of watercourse bank) or Wetland (boundary) - 30 m undisturbed
  - iii. Property line (of PID) including property lines abutting a public or common highway - 30 m undisturbed
  - iv. Dug or Drilled well not including site monitoring wells or non-potable process water wells located on the site - 90 m
  - v. Other off-site structures - 90 m

## **5. Air Quality**

- a. The Approval Holder(s) shall ensure that air emissions from the designated activity do not contribute to an exceedance of the maximum permissible ground level concentrations of contaminants specified in Schedule A of the Air Quality Regulations.
- b. Monitoring of ambient air contaminants shall be conducted at the request of the Department. The number and location of the monitoring station(s) shall be established by a qualified person retained by the Approval Holder(s) and the proposed plan submitted to the Department for acceptance; this may include point(s) beyond the property boundary of the Site.
- c. The use of oil as a dust suppressant is prohibited.
- d. The Approval Holder(s) shall retain a qualified person to develop a plan to monitor ambient total suspended particulate matter at the request of the Department, in accordance with the EPA standard: EPA/625/R-96/010a, "Compendium of Methods for the Determination of Inorganic Compounds in Ambient Air, Method IO-2.1 Sampling of Ambient Air for Total Suspended Particulate Matter (SPM) and PM10 Using High Volume (HV) Sampler", as amended from time to time.
- e. The plan shall be deemed acceptable by the Department and implemented upon request.

## **6. Noise**

- a. The Approval Holder(s) shall ensure that noise generated from the designated activity complies with the equivalent sound level criteria identified in the Nova Scotia Environment and Labour "Guidelines for Environmental Noise Measurement and Assessment" dated May 18, 2005, as amended from time to time.

- b. The Approval Holder(s) shall monitor noise at the request of the Department. The number and location of the monitoring station(s) for noise measurement shall be established by a qualified person retained by the Approval Holder(s). The proposed plan must be deemed acceptable by the Department.

## **7. Surface Water**

- a. The Approval Holder(s) shall ensure the Site is developed and maintained to prevent contaminants from being discharged into a water resource or beyond the property boundary.
- b. The Approval Holder(s) shall carry out a program for monitoring surface water discharges from the Site and shall include, at a minimum, what is outlined in the Surface Water Monitoring Table found in this Approval.
- c. No authority is granted by this Approval to enable the Approval Holder(s) to discharge surface water onto adjoining lands without the authorization of the affected landowner(s).
- d. The Approval Holder(s) shall install and maintain erosion and sediment controls in line with industry best practices (e.g., Nova Scotia Environment Erosion and Sediment Control Handbook for Construction Sites) with the following considerations:
  - i. The controls shall be installed prior to the commencement of the construction activities;
  - ii. The controls shall remain in place until areas disturbed by construction activities are stabilized so that the risk of release of sediment to a water resource has been mitigated;
  - iii. Control features shall be installed as per applicable product specifications or manufacturer's directions; and
  - iv. Control materials shall be clean, non-erodible, non-ore-bearing, non-watercourse derived and non-toxic.
- e. The Approval Holder(s) shall immediately contact the Department should sulphide bearing material be encountered on the Site.
- f. The Approval Holder(s) shall ensure that surface water runoff that may be impacted by petroleum hydrocarbons from the Site is collected and directed for necessary treatment prior to discharge from Site.
- g. Erosion and sediment controls shall be inspected on a regular basis; at a minimum annual, to confirm that they are working as designed and intended. Records outlining results of these inspections and actions taken to correct any deficiencies shall be kept for the duration of the approval and made available to the Department upon request.

- h. Work at the Site shall only take place when erosion and sediment controls are functional. Contingency erosion and sediment control materials shall be kept on Site in case of failure.
- i. Any silted water pumped from work areas shall be directed to vegetated areas, settling ponds, or other treatment devices that mitigate the risk of release of sediment to a water resource.
- j. The Approval Holder(s) shall limit the size of the disturbed area and the removal of riparian vegetation to the area of construction activities as outlined in the supporting documentation.
- k. The Approval Holder(s) shall ensure that the following activities take place at a distance of a minimum of 30 metres from a surface watercourse or wetland in an area such that a release will not enter a surface watercourse or wetland:
  - i. Washing of equipment or aggregate;
  - ii. Fuel storage, refueling, and/or lubrication of equipment; and
  - iii. Storage of equipment, excavated/stockpiled materials, and potential contaminants.

## **8. Groundwater Monitoring**

- a. At the request of the Department, the Approval Holder(s) shall prepare and submit a groundwater monitoring plan, including, but not limited to the following:
  - i. the location and design of monitoring well(s);
  - ii. monitoring parameters (groundwater quality and/or water table elevations);
  - iii. sampling methodologies;
  - iv. baseline and regular monitoring; and
  - v. a monitoring schedule.
- b. The groundwater monitoring plan shall be designed and signed by a qualified professional who has hydrogeology training and experience, and is licensed to practice in Nova Scotia by the Association of Professional Geoscientists of Nova Scotia (APGNS) or Engineers Nova Scotia.
- c. Once the groundwater monitoring plan has been deemed acceptable by the Department, the Approval Holder(s) shall implement the accepted groundwater monitoring program.

## **9. Groundwater**

- a. The Approval Holder(s) shall replace, at their expense, any water supply which has been lost or damaged as a result of the designated activity, as authorized and required by the Department.



- b. The Approval Holder shall not excavate within 0.5 metres above the measured maximum annual water table elevation unless an amendment to this Approval is received, or unless otherwise authorized in writing by the Department.

## **10. Operation**

- a. The Approval Holder(s) shall ensure that legible signage is posted at the entrance to the Site that includes, but is not limited to, emergency contact numbers.
- b. The Approval Holder(s) shall cease site work and contact the Department immediately if it is determined that an area of historical, archaeological or paleontological importance may exist or is discovered at the site.
- c. The boundaries of the Active Area shall be either:
  - i. Marked with permanent visible markers placed at changes in direction, with no more than 100 metres between the permanent markers; or
  - ii. mapped on a scale drawing with a list of UTM NAD83 coordinates (with sub-meter accuracy) for each corner of the Site.

## **11. Construction**

- a. An emergency spill-kit must be kept on site when vehicles (including machinery) or equipment are used in a watercourse.
- b. Upon completion of construction, modification, or maintenance work all debris resulting from the work must be removed from the work site.

## **12. Blasting**

- a. Blasting is prohibited at the Site.

## **13. Reporting**

- a. The Approval Holder(s) shall provide an Annual Report summarizing the following information, as required by the terms and conditions of this Approval, for each calendar year:
  - i. all groundwater and surface water monitoring data and reports;
  - ii. a description of any complaints received and the follow up actions taken;
  - iii. a summary and interpretation of analytical results obtained in accordance with this Approval;
  - iv. a summary and interpretation of any instances of non-compliance with this approval and corrective action taken;
  - v. hectares disturbed and rehabilitated to date;
  - vi. estimates of hectares planned for disturbance or rehabilitation in the upcoming year;

- vii. a summary of any communication with the Mi'kmaq of Nova Scotia;
  - viii. any other information requested by the Department.
- b. All monitoring results shall include interpretation by a qualified person deemed acceptable by the Department.

#### **14. Rehabilitation and Closure**

- a. The Approval Holder(s) shall review the most recent version of the rehabilitation plan for the designated activity at a minimum of every three years and update the plan accordingly based on current conditions. Updates to the rehabilitation plan must be acceptable to the Department. As a minimum, the next update to the Rehabilitation Plan shall be May 1, 2025.
- b. Unless otherwise approved by the Department, updated rehabilitation plans shall include the following requirements:
  - i. The site shall be contoured and stabilized:
    - (a) for long term erosion control;
    - (b) to mitigate impacts of offsite drainage to adjacent lands, wetlands, and watercourses; and
    - (c) to blend with natural topography.
  - ii. Except for engineered features (i.e., wetlands, ponds), all disturbed areas shall be returned to at least one metre above the water table.
- c. Updated rehabilitation plans shall contain detailed cost estimates including unit cost breakdown of labour, equipment, supplies, and services to perform the rehabilitation activities as completed by an outside service provider (third party).
- d. The Approval Holder(s) shall review the amount of financial security provided to the Department at a minimum of every three years and adjust the amount accordingly based on the estimated costs of rehabilitation provided in the most recent version of the rehabilitation plan.
- e. The Approval Holder(s) shall maintain for the site a financial security in a form and amount acceptable to the Department.
- f. Unless otherwise approved by the Department, the amount of financial security shall be no less than \$6,250 per hectare of actual and planned disturbed area.
- g. The Approval Holder(s) shall submit a Closure Plan to the Department for approval at least sixty (60) days prior to abandonment of the designated activity.
- h. The Closure Plan shall include but not be limited to:
  - i. requirements identified for updated rehabilitation plans;
  - ii. objectives for final land use;

- iii. contouring and drainage patterns;
  - iv. soil stabilization methods including but not limited to revegetation and slope grades;
  - v. objectives for existing structures and access roads, and
  - vi. if an open pond is to remain on site, at least 2 exit ramps shall be constructed, on opposite sides of the pond, with a maximum slope of 5:1 to enable safe exit.
- i. The Closure Plan shall be implemented by the Approval Holder(s) once deemed acceptable by the Department.
  - j. The Approval Holder(s) shall have completed rehabilitation of the Site within twelve (12) months of abandonment and in accordance with the Closure Plan, unless an alternate time frame has been accepted by the Department.

**15. Site Specific**

- a. Prior to extracting additional aggregate at the Site, the Approval Holder shall perform a Hydrogeological Study designed to evaluate potential impacts to both groundwater levels and water quality, including the effects of groundwater-surface water interactions on nearby wells, watercourses, wetlands, and groundwater resources. The Study shall be designed, implemented, and assessed by a professional hydrogeologist licensed to practice in Nova Scotia.
- b. The Approval Holder shall submit the Hydrogeological Study to the department for review and acceptance prior to extracting additional aggregate at the Site, and shall include conclusions and recommendations from the professional hydrogeologist.

Surface Water Monitoring Table			
Monitoring Locations	Parameters	Frequency	
As Directed by the Department	pH, TSS	Quarterly (During Periods of Site Activity)	
As Directed by the Department	pH, TSS	Quarterly (During Periods of Site Activity)	
Parameters	Conditions	Criteria	
pH	All	6.5 – 9.0	
Total Suspended Solids (TSS)	Background location exists	Clear Flows	Maximum increase of 25 mg/l from background levels for any short-term exposure (24 hour or less)
			Maximum average increase of 5 mg/l from background levels for longer term exposure (inputs lasting between 24 hours and 30 days)
		High Flows (Spring Freshets and Storm Events)	Maximum increase of 25 mg/l from background levels at any time when background levels are between 25 mg/l and 250 mg/l
			Maximum increase of 10% over background levels when background is >250 mg/l
	Background location does not exist	Maximum 25 mg/l	

# Profile Report

## Entity details

Information as of	15 June 2023
Registry ID	3251748
Business/Organization Name	MUNICIPAL ENTERPRISES LIMITED
Incorporation Date	01 February 2011
Annual Return due Date	29 February 2024
Type	Limited Company
Status	Active
Registered Office	927 ROCKY LAKE DRIVE, BEDFORD, NOVA SCOTIA, B4A 3Z2, CANADA
Mailing Address	927 ROCKY LAKE DRIVE, BEDFORD, NOVA SCOTIA, B4A 3Z2, CANADA

## Directors and Officers

Name	Position	Civic Address	Mailing Address
CARL B. POTTER	Director	927 ROCKY LAKE DRIVE BEDFORD NOVA SCOTIA B4A 3Z2 CANADA	
CARL B. POTTER	CHAIRMAN	927 ROCKY LAKE DRIVE BEDFORD NOVA SCOTIA B4A 3Z2 CANADA	
DAVID A. WOOD	VP, CFO & TREASURER	927 ROCKY LAKE DRIVE BEDFORD NOVA SCOTIA B4A 3Z2 CANADA	
DAVID PANGMAN	VICE PRESIDENT, FINANCE	927 ROCKY LAKE DRIVE BEDFORD NOVA SCOTIA B4A 3Z2 CANADA	
HAROLD JOHNSON	Vice-president	927 ROCKY LAKE DRIVE BEDFORD NOVA SCOTIA B4A 3Z2 CANADA	
KEN MACLEAN	VP AND SECRETARY	927 ROCKY LAKE DRIVE BEDFORD NOVA SCOTIA B4A 3Z2 CANADA	

## Recognized Agent

Name	Position	Civic Address	Mailing Address
CHRISTINE C. POUND	Recognized Agent	600-1741 LOWER WATER STREET HALIFAX NOVA SCOTIA B3J 0J2 CANADA	PO BOX 997 HALIFAX NOVA SCOTIA B3J 2X2 CANADA

## Activity

Activity	Date
Company Special Resolution - Reduction of Paid Up Capital - Without Court Order	03 May 2023
Company Notice Filing - Notice of Shares Redemption/Acquisition	03 May 2023
Company Notice Filing - Notice of Increase In Share Capital	03 May 2023
Company Special Resolution - Change in Share Structure	03 May 2023
Company Annual Renewal Statement	21 February 2023
Company Annual Renewal Statement	16 February 2022
Company Annual Renewal Statement	03 March 2021
Annual Statement Filed	06 March 2020
Annual Renewal	06 March 2020
Change of Directors	17 May 2019
Filed Document	18 March 2019
Filed Document	18 March 2019
Special Resolution	18 March 2019
Annual Renewal	28 February 2019
Annual Statement Filed	28 February 2019
Annual Renewal	16 February 2018
Annual Statement Filed	16 February 2018
Change of Directors	18 October 2017
Annual Renewal	08 February 2017
Annual Statement Filed	08 February 2017
Annual Renewal	08 March 2016
Annual Statement Filed	08 March 2016
Change of Directors	10 July 2015
Filed Document	25 March 2015
Special Resolution	25 March 2015
Annual Renewal	10 March 2015



**Registry of Joint Stock Companies**

Annual Statement Filed	10 March 2015
Annual Renewal	03 February 2014
Annual Statement Filed	03 February 2014
Change of Directors	12 September 2013
Change of Directors	18 March 2013
Annual Renewal	18 February 2013
Annual Statement Filed	18 February 2013
Change of Directors	22 June 2012
Annual Statement Filed	29 February 2012
Annual Renewal	29 February 2012
Change of Directors	10 November 2011
Change of Directors	20 June 2011
Appoint an Agent	16 June 2011
Special Resolution	10 February 2011
Date of Filing Amalgamation	01 February 2011
Address Change	01 February 2011
Appoint an Agent	01 February 2011
Change of Directors	01 February 2011

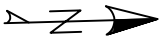


Registry of Joint Stock Companies

## Related Registrations

<b>Relationship</b>	<b>Name</b>
Amalgamated From	MUNICIPAL ENTERPRISES LIMITED
Amalgamated From	GIBRALTAR ENVIRONMENTAL INCORPORATED
Amalgamated From	MUNICIPAL PIPELINE CONSTRUCTION INCORPORATED
Amalgamated From	DALSAAN INVESTMENTS LIMITED
Amalgamated From	WARD AGGREGATES LIMITED
Amalgamated From	3102991 NOVA SCOTIA LIMITED
Amalgamated From	3104179 NOVA SCOTIA LIMITED
Amalgamated From	GRAY ROCK CONSTRUCTION LIMITED
Amalgamated From	DEXTER MARITIMES LIMITED
Business Name	ROCKY LAKE QUARRY
Amalgamated From	A.C.L. CONSTRUCTION LIMITED
Business Name	DEXTER ASPHALT PLANT
Is Partner of	SOUTH SHORE DEVELOPMENT PARTNERSHIP
Is Partner of	MEL MILL RENTAL PROPERTIES
Business Name	MUNICIPAL GROUP OF COMPANIES
Business Name	CARL B. POTTER
Amalgamated From	R. B. PAVING COMPANY LIMITED
Business Name	BERNARD L. MAILMAN PROJECTS
Business Name	HIGHLAND ASPHALT
Business Name	GIBRALTAR CONSTRUCTION
Business Name	DEBERT MINING
Business Name	RHODES CORNER QUARRY
Is Limited Partner of	MI'KMA'KI-MUNICIPAL LIMITED PARTNERSHIP





PID 85009462  
ALEXANDER EDWARD MACLEOD

PID 85009397  
MUNICIPAL ENTERPRISES LIMITED

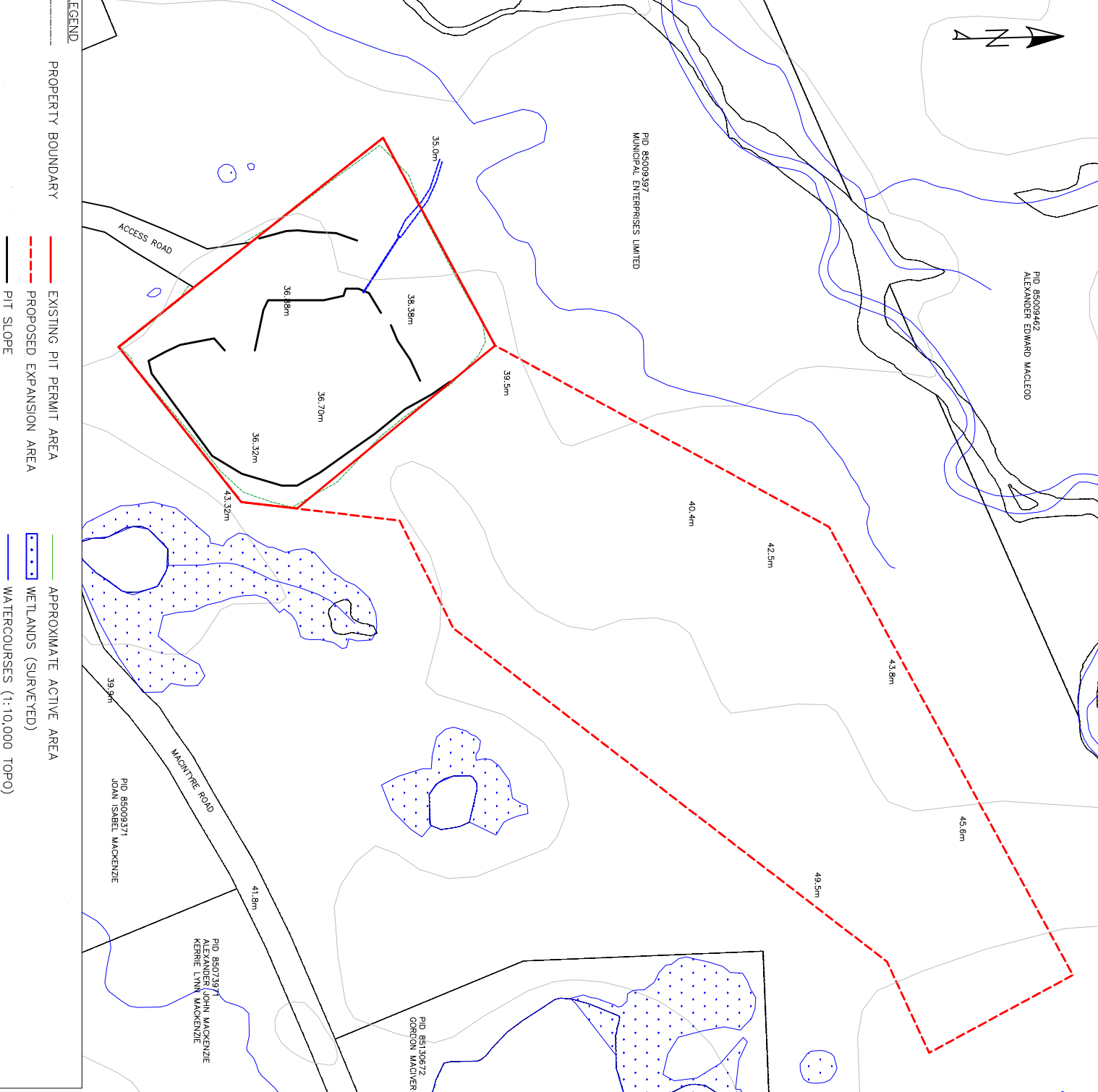
ACCESS ROAD

MACHYRE ROAD

PID 85009371  
JOAN ISABEL MACKENZIE

PID 8507397  
ALEXANDER JOHN MACKENZIE  
KERRIE LYNN MACKENZIE

PID 85130672  
GORDON MAQUIER



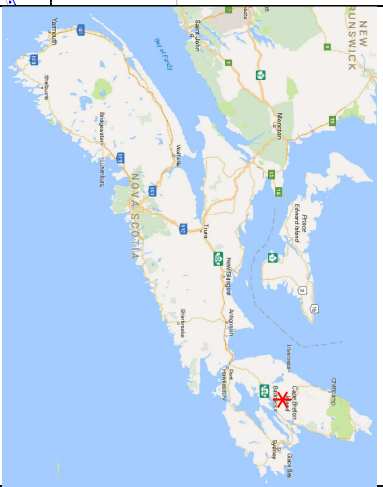
**LEGEND**

- PROPERTY BOUNDARY
- EXISTING PIT PERMIT AREA
- PROPOSED EXPANSION AREA
- PIT SLOPE
- APPROXIMATE ACTIVE AREA
- WETLANDS (SURVEYED)
- WATERCOURSES (1:10,000 TOPO)

# MIDDLE RIVER PIT SITE PLAN

VICTORIA COUNTY, NOVA SCOTIA  
DRAWN BY: RRETT THOMPSON, P.ENG

DATE: June 2, 2023



**NOTES:**

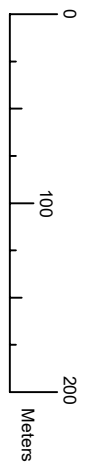
TOPOGRAPHIC DATA OBTAINED FROM NS GEOMATICS CENTER 1:10,000 TOPOGRAPHIC MAP. TOPOGRAPHY LINES ARE AT 5 METER INTERVALS

PROPERTY BOUNDARIES SHOWN ARE AN APPROXIMATE GEOGRAPHICAL REPRESENTATION ONLY, OBTAINED FROM NOVA SCOTIA PROPERTY ONLINE, AND ARE SUBJECT TO A LEGAL BOUNDARY SURVEY FOR VERIFICATION.

WETLAND DATA PROVIDED BY ENVIROSPHERE CONSULTANTS LTD.

SURVEY DATA COLLECTED ON MAY 18, 2022 (NO SITE ACTIVITY SINCE)

NOTE: THIS IS NOT A LEGAL SURVEY



DEXTER CONSTRUCTION COMPANY LIMITED

December 8, 2022

To whom it may concern,

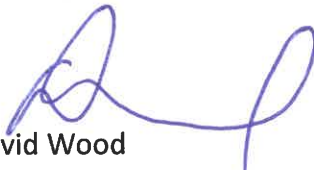
**Re: Letter of Authorization – Environmental Permitting Applications**

Please be advised that Gary Rudolph, P. Eng., Director of Aggregates, is hereby authorized by Dexter Construction Company Limited, Municipal Enterprises Limited, and Sovereign Resources Inc. (together referred to as the “Owner”) to sign any “Application for Approval” for environmental approvals, permits and associated documentation related to regulatory approval processes for pits and quarries in the Province of Nova Scotia. This authorization pertains to Environmental Assessments, new applications and the renewal or amendment of existing approvals and is effective as of today’s date until the earlier of the Owner’s withdrawal of this authorization or December 31, 2023.

The undersigned is an officer of Dexter Construction and Municipal Enterprises and a director of and Sovereign Resources and has the power to make the above authorization.

Sincerely,

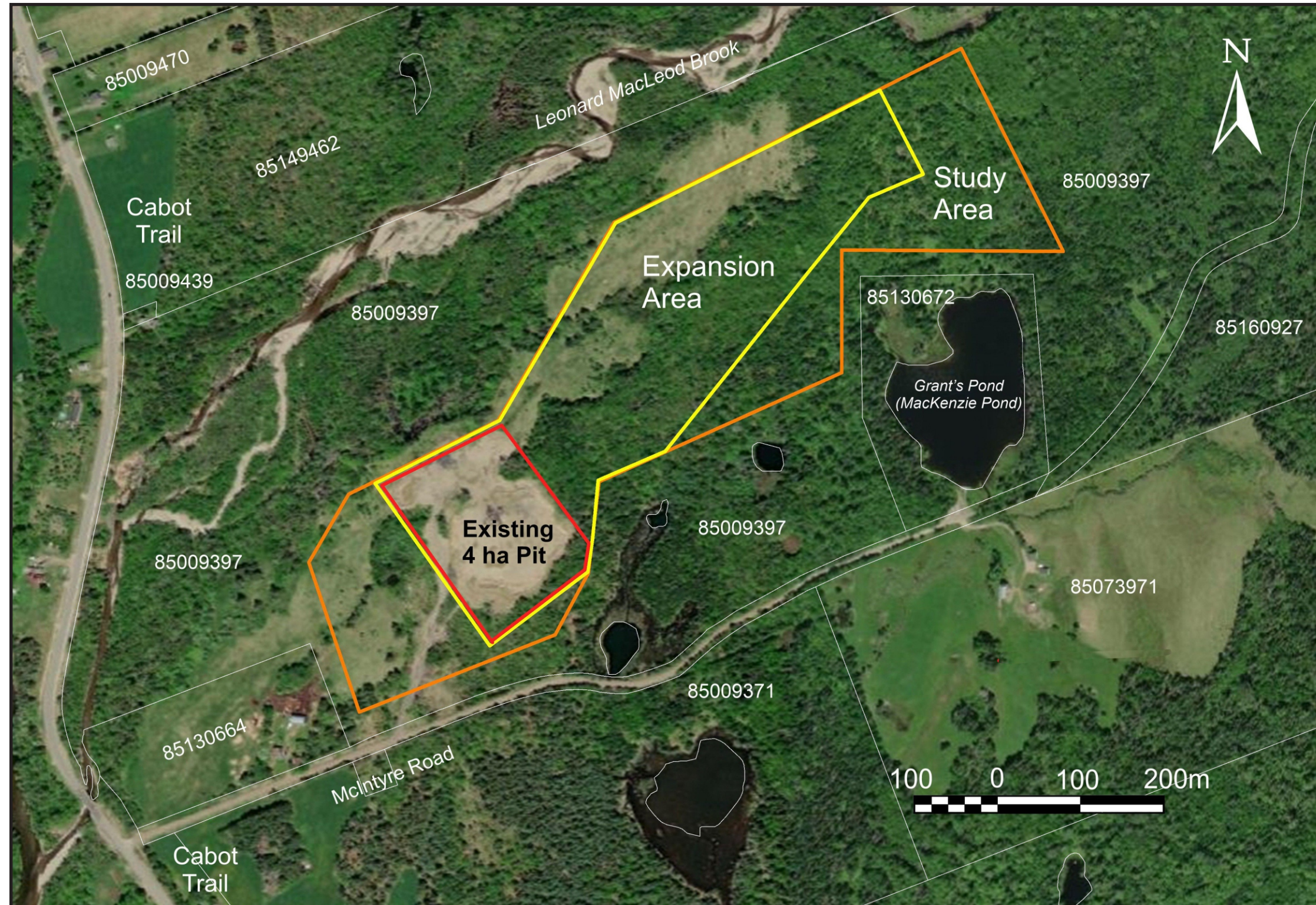
**DEXTER CONSTRUCTION COMPANY LIMITED,  
MUNICIPAL ENTERPRISES LIMITED, AND  
SOVEREIGN RESOURCES INC.**



David Wood  
Chief Financial Officer

APPENDIX B  
DRAWINGS

Environmental Assessment Registration Document:  
Middle River Pit Expansion  
Middle River, Inverness County  
Nova Scotia



MUNICIPAL ENTERPRISES LIMITED  
 MIDDLE RIVER PIT EXPANSION  
 Middle River,  
 Cape Breton Island  
 Nova Scotia

**SITE DETAILS & PROPOSED  
 EXPANSION AREA**

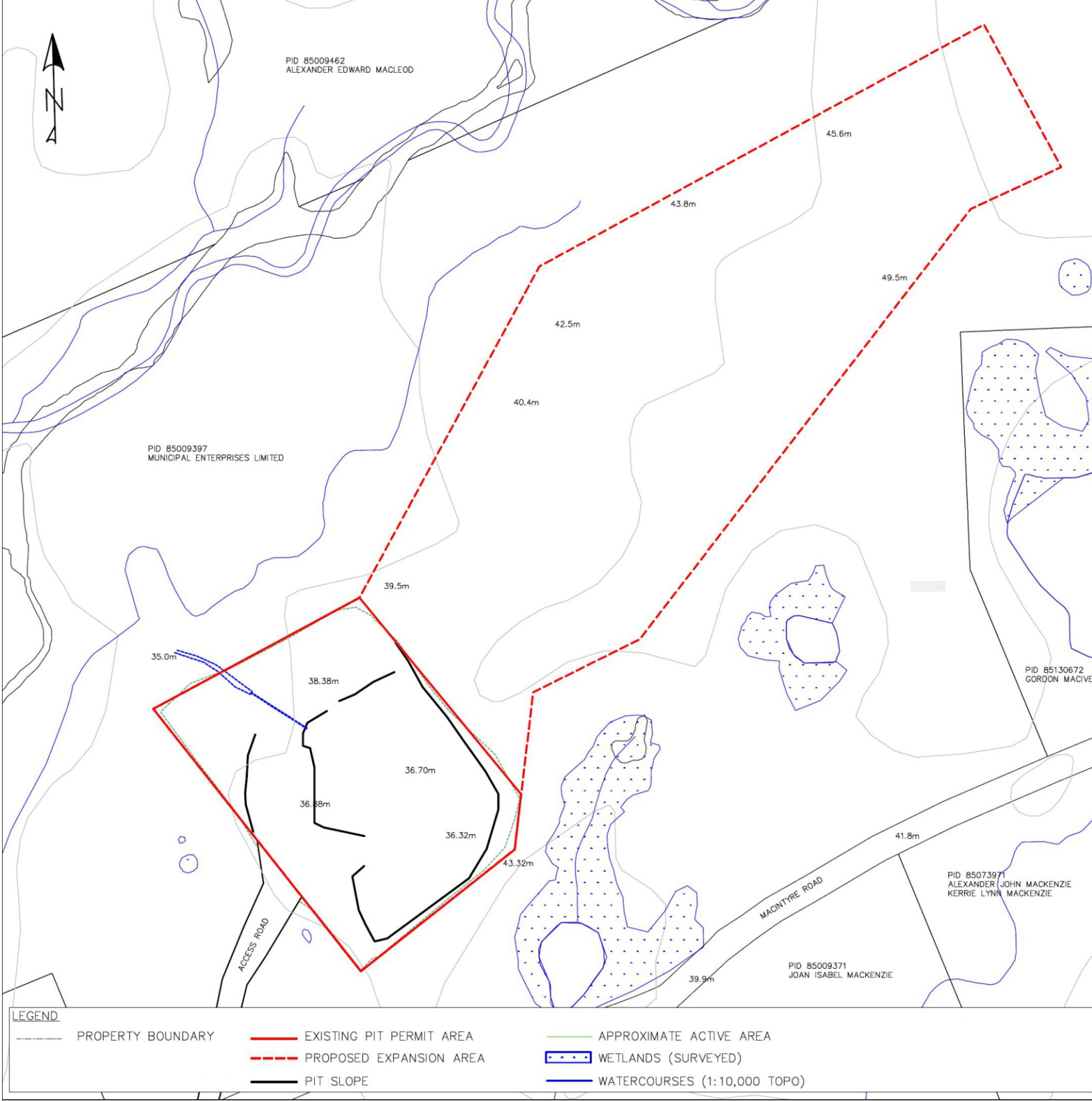
Map by:  
 Envirosphere Consultants Limited  
 Windsor, Nova Scotia  
 June 2023

Air Photo: ESRI Geodatabase 2021.

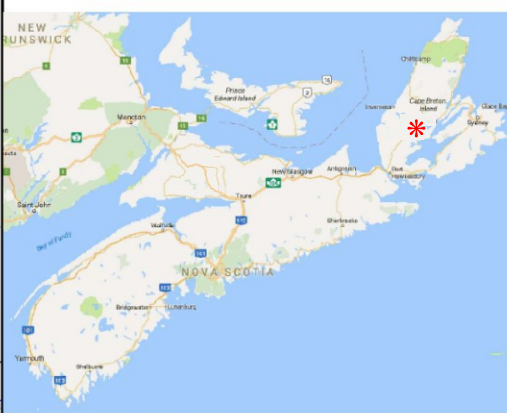


**MUNICIPAL  
 ENTERPRISES LTD**

Appendix B - Drawing 1



**MIDDLE RIVER PIT  
SITE PLAN**  
VICTORIA COUNTY, NOVA SCOTIA  
DATE: June 2, 2023 DRAWN BY: RHETT THOMPSON, P.ENG



NOTES:

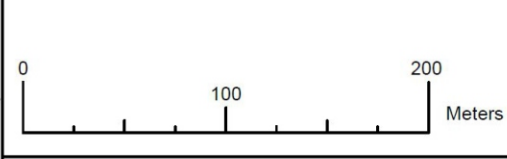
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WETLAND DATA PROVIDED BY ENVIROSPHERE CONSULTANTS LTD.

SURVEY DATA COLLECTED ON MAY 18, 2022 (NO SITE ACTIVITY SINCE)

NOTE: THIS IS NOT A LEGAL SURVEY



LEGEND					
	PROPERTY BOUNDARY		EXISTING PIT PERMIT AREA		APPROXIMATE ACTIVE AREA
	PROPOSED EXPANSION AREA		WETLANDS (SURVEYED)		WATERCOURSES (1:10,000 TOPO)
	PIT SLOPE				

MUNICIPAL ENTERPRISES LIMITED  
MIDDLE RIVER PIT EXPANSION  
Middle River,  
Cape Breton Island,  
Nova Scotia

APPROVED QUARRY SITE PLAN



Appendix B - Drawing 2

APPENDIX C  
ROCK SULPHUR CONTENT ANALYSIS RESULTS

Environmental Assessment Registration Document:  
Middle River Pit Expansion  
Middle River, Inverness County  
Nova Scotia

9-Jun-23

Dexter Construction  
927 Rocky Lake Drive  
P.O. Box 48100  
Bedford, NS  
B4A 3Z2  
Atten: Chris Mullins

**RUSH**

Re: Results of analysis on submitted samples.  
Acid producing potential based on total sulphur, or sulphide sulphur content if available.

PO#  
Job# 2301047-9270

Sample	Wt. %			kg H2SO4/t
	S(Total)	Sulphate	Sulphide	Acid Prod. Potential
Middle River Pit-Slope Gravel June 7th	<0.001			<0.03

Certified Ref. Sa.	Wt. %
	S(Total)
KZK-1 (0.80% S)	0.797

Daniel Chevalier, MASC  
Manager, Minerals Engineering Laboratory