

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 8394-C3DKVS
Issue Date: July 30, 2021

Mansfield Ski Club Inc.
628213 15 Sideroad
Mulmur, Ontario
L9V 0T9

Site Location: Mansfield Ski Club Inc.
Lot East Part of Lot 16, Concession 6
628213 15 Sideroad
Township of Mulmur, County of Dufferin

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

the establishment of stormwater management Works to service the proposed re-development at the Mansfield Ski Club, located at the above Site Location, for the collection, transmission, treatment and disposal of stormwater runoff from a total catchment area of 3.63 hectares, to provide Enhanced Level water quality protection and erosion control, and to attenuate post-development peak flows to pre-development peak flows for all storm events up to and including the 100-year storm event, discharging to downstream off-site swales, ditches and detention basins and ultimately to Pine River, consisting of the following:

PROPOSED WORKS

- **on-site storm sewers** of 300 to 675 millimetre diameters, complete with deep sumps at inlet structures, conveying on-site stormwater runoff from the re-development area and off-site runoff from the external drainage area (11.94 hectares) to the west of the site, discharging to the proposed dry pond as described below;
- **grassed swale** along the west and southwest limits of the site, having a total length of approximately 148 metres, conveying off-site runoff from the external drainage area (11.94 hectares) to the west of the site, discharging to the 675 millimetre diameter storm sewer as described above via a ditch inlet catch basin (DICB);
- **grass filter strips**: a series of grassed filter strips located in the proposed re-developed gravel

parking area to provide additional water quality treatment, receiving stormwater runoff from the parking area and discharging to the proposed storm sewers as described above or the enhanced grassed swale or the dry pond as described below;

- **enhanced grassed swale (catchment area 0.85 hectares)** along the east limit of the gravel parking area, having a total length of approximately 155 metres, a bottom width of 1 metre, side slopes of 3:1, a depth of 0.5-0.75 metres, a channel slope of 1% and flow velocities of 0.5 metres per second or less under the 25 millimetre design storm event, receiving surface runoff from the east portion of the parking area via sheet flow over the grassed filter strips as described above, discharging to the dry pond as described below;
- **stormwater management facility (catchment area 14.68 hectares):** one (1) dry pond with a sediment forebay, located at the southeast corner of the re-development area, having a maximum available storage volume of 1,364 cubic metres and a maximum depth of 2.26 metres under the 100-year storm event, consisting of the following:
 - two (2) riprap-lined inlets, one connected to the enhanced grassed swale at the northeast corner and one connected to the on-site storm sewer system at the northwest corner;
 - one (1) sediment forebay with a minimum depth of 1 metre, separated from the main detention basin by a rip-rapped forebay berm;
 - one (1) 4.0 metre wide and minimum 0.35 metre deep emergency overflow spillway weir with side slopes of 10:1 and lined with Turfstone Pavers, connected to a 2.0 metre wide and minimum 0.30 metre deep overflow spillway with side slopes of 4:1 and lined with filter cloth and riprap;
 - one (1) outlet structure, consisting of one (1) perforated hickenbottom outlet, a 150 millimetre diameter subdrain equipped with a 75 millimetre diameter orifice, a 600 millimetre by 1,200 millimetre DICB with a 0.9 metre wide rectangular/triangular weir and a 12 metre long, 900 millimetre diameter concrete outlet pipe. The outlet structure in combination with the overflow spillway weir will allow a maximum discharge of 2.275 cubic metres per second under the 100-year storm event to off-site swales, ditches, detention basins and ultimately Pine River; and
 - 3.0 metre wide maintenance access along the perimeter of the dry pond;
- **armoured swale** located within the northeast portion of the re-development area (POST 2 catchment area), having a total length of approximately 71 metres and a depth of 0.3 metres, lined with rip-rap on geotextile fabric and complete with a flow spreader at the downstream end, conveying stormwater runoff from the Block 1 and Block 2 stacked townhouse areas, discharging to the undeveloped vegetated lands to the northeast prior to leaving the site;

EXISTING WORKS

retrofitting of an existing on-site stormwater management facility to collect stormwater and snowmelt runoff, located on a site south of 17th Sideroad approx. 650 m west of Highway 18 (Airport Road), as follows:

- **a stormwater management facility** consisting of the combining of an existing stormwater extended detention pond and an existing excavated pond, designed to provide quantity control with minor quality control functions. The retrofitted stormwater management pond has an available combined storage volume of 19,100 cubic metres above 9,500 cubic metres of permanent pool storage. Quality control is provided via a separated inlet forebay ditch with vegetative lining to enhance sediment removal prior to discharge over a berm to the main wet pond. Discharge control downstream of the wetland cell is provided via an orifice plate within an outlet control catchbasin structure. Quantity control is provided by attenuating the catchment area post-development flows to the allowable discharge flow rate of approx. 0.43 cubic metres per second during the 2, 5, 25 and 100 year design storm events prior to discharge to the existing 17th Sideroad south drainage ditch which ultimately discharges to Pine River, and including inlet structure, outlet piping and control structure, overflow weir, emergency spillway and fencing;

including erosion/sedimentation control measures during construction of the Proposed Works and all other controls and appurtenances essential for the proper operation of the aforementioned Works;

all in accordance with the submitted application and supporting documents listed in Schedule A forming part of this Approval.

For the purpose of this environmental compliance approval, the following definitions apply:

1. "Approval" means this entire document and any schedules attached to it, and the application;
2. "Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;
3. "District Manager" means the District Manager of the appropriate local District Office of the Ministry, where the Works are geographically located;
4. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;
5. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
6. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;

7. "MNR" means the Ministry of Natural Resources and Forestry of the government of Ontario and includes all officials, employees or other persons acting on its behalf;
8. "Owner" means Mansfield Ski Club Inc., and includes its successors and assignees;
9. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
10. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
11. "Works" means the approved sewage works, and includes Proposed Works and Existing Works.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL CONDITIONS

1. The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
2. Except as otherwise provided by these Conditions, the Owner shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, and the application for approval of the Works.
3. Where there is a conflict between a provision of any document in the schedule referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence, and where there is a conflict between the documents in the schedule, the document bearing the most recent date shall prevail.
4. Where there is a conflict between the documents listed in Schedule A and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.
5. The conditions of this Approval are severable. If any condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.
6. The issuance of, and compliance with the conditions of, this Approval does not:
 - a. relieve any person of any obligation to comply with any provision of any applicable statute,

regulation or other legal requirement, including, but not limited to, the obligation to obtain approval from the local conservation authority/MNRF necessary to construct or operate the sewage works; or

- b. limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

2. EXPIRY OF APPROVAL

1. This Approval will cease to apply to those parts of the Works which have not been constructed within **five (5) years** of the date of this Approval.
2. In the event that completion and commissioning of any portion of the Works is anticipated to be delayed beyond the specified expiry period, the Owner shall submit an application of extension to the expiry period, at least twelve (12) months prior to the end of the period. The application for extension shall include the reason(s) for the delay, whether there is any design change(s) and a review of whether the standards applicable at the time of Approval of the Works are still applicable at the time of request for extension, to ensure the ongoing protection of the environment.

3. CHANGE OF OWNER

1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within **thirty (30) days** of the change occurring:
 - a. change of Owner;
 - b. change of address of the Owner;
 - c. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act*, R.S.O. 1990, c.B17 shall be included in the notification to the District Manager; or
 - d. change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C39 shall be included in the notification to the District Manager.
2. In the event of any change in ownership of the Works, other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.
3. The Owner shall ensure that all communications made pursuant to this condition refer to the number at the top of this Approval.

4. OPERATION AND MAINTENANCE

1. If applicable, any proposed storm sewers or other stormwater conveyance in this Approval can be constructed but not operated until the proposed stormwater management facilities in this Approval or any other Approval that are designed to service the storm sewers or other stormwater conveyance are in operation.
2. The Owner shall make all necessary investigations, take all necessary steps and obtain all necessary approvals so as to ensure that the physical structure, siting and operations of the Works do not constitute a safety or health hazard to the general public.
3. The Owner shall undertake an inspection of the condition of the Works, at least once a year, and undertake any necessary cleaning and maintenance to ensure that sediment, debris and excessive decaying vegetation are removed from the Works to prevent the excessive build-up of sediment, oil/grit, debris and/or decaying vegetation, to avoid reduction of the capacity and/or permeability of the Works, as applicable. The Owner shall also regularly inspect and clean out the inlet to and outlet from the Works to ensure that these are not obstructed.
4. The Owner shall construct, operate and maintain the Works with the objective that the effluent from the Works is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film, sheen, foam or discoloration on the receiving waters.
5. The Owner shall maintain a logbook to record the results of these inspections and any cleaning and maintenance operations undertaken, and shall keep the logbook at the Owner's administrative office for inspection by the Ministry. The logbook shall include the following:
 - a. the name of the Works; and
 - b. the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed and method of clean-out of the Works.
6. The Owner shall prepare an operations manual prior to the commencement of operation of the Works that includes, but is not necessarily limited to, the following information:
 - a. operating and maintenance procedures for routine operation of the Works;
 - b. inspection programs, including frequency of inspection, for the Works and the methods or tests employed to detect when maintenance is necessary;
 - c. repair and maintenance programs, including the frequency of repair and maintenance for the Works;
 - d. contingency plans and procedures for dealing with potential spills and any other abnormal

situations and for notifying the District Manager; and

- e. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
7. The Owner shall maintain the operations manual current and retain a copy at the Owner's administrative office for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

5. TEMPORARY EROSION AND SEDIMENT CONTROL

1. The Owner shall install and maintain temporary sediment and erosion control measures during construction and conduct inspections once every two (2) weeks and after each significant storm event (a significant storm event is defined as a minimum of 25 millimetres of rain in any 24 hours period). The inspections and maintenance of the temporary sediment and erosion control measures shall continue until they are no longer required and at which time they shall be removed and all disturbed areas reinstated properly.
2. The Owner shall maintain records of inspections and maintenance which shall be made available for inspection by the Ministry, upon request. The record shall include the name of the inspector, date of inspection, and the remedial measures, if any, undertaken to maintain the temporary sediment and erosion control measures.

6. REPORTING

1. **One (1) week** prior to the start-up of the operation of the Works, the Owner shall notify the District Manager (in writing) of the pending start-up date.
2. The Owner shall, upon request, make all reports, manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
3. The Owner shall prepare a performance report within **ninety (90) days** following the end of the period being reported upon, and submit the report(s) to the District Manager when requested. The first such report shall cover the first annual period following the commencement of operation of the Works and subsequent reports shall be prepared to cover successive annual periods following thereafter. The reports shall contain, but shall not be limited to, the following information:
 - a. a description of any operating problems encountered and corrective actions taken;
 - b. a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works, including an estimate of the quantity of any materials removed from the Works;
 - c. a summary of any complaints received during the reporting period and any steps taken to

address the complaints;

- d. a summary of all spill or abnormal discharge events; and
- e. any other information the District Manager requires from time to time.

7. RECORD KEEPING

1. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the operation, maintenance and monitoring activities required by this Approval.

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

1. Condition 1 is imposed to ensure that the Works are constructed and operated in the manner in which they were described and upon which approval was granted. This condition is also included to emphasize the precedence of conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. Condition 1.6 is included to emphasize that the issuance of this Approval does not diminish any other statutory and regulatory obligations to which the Owner is subject in the construction, maintenance and operation of the Works. The Condition specifically highlights the need to obtain any necessary conservation authority approvals. The Condition also emphasizes the fact that this Approval doesn't limit the authority of the Ministry to require further information.
2. Condition 2 is included to ensure that, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.
3. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to the approved Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
4. Condition 4 is included as regular inspection and necessary removal of sediment and excessive decaying vegetation from the Works are required to mitigate the impact of sediment, debris and/or decaying vegetation on the treatment capacity of the Works. The Condition also ensures that adequate storage is maintained in the Works at all times as required by the design. Furthermore, this Condition is included to ensure that the Works are operated and maintained to function as designed.
5. Condition 5 is included as installation, regular inspection and maintenance of the temporary sediment and erosion control measures is required to mitigate the impact on the downstream receiving watercourse during construction until they are no longer required.
6. Condition 6 is included to provide a performance record for future references, to ensure that

the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Owner in resolving any problems in a timely manner.

7. Condition 7 is included to require that all records are retained for a sufficient time period to adequately evaluate the long-term operation and maintenance of the Works.

Schedule A

1. Application for Environmental Compliance Approval for Municipal and Private Sewage Works, dated February 9, 2021 and received on April 7, 2021, submitted by Mansfield Ski Club Inc., including the design brief, final plans, specifications and all supporting documentation and correspondence submitted in support of this application.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 0065-5QEJDE issued on September 18, 2003.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

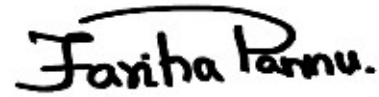
AND

The Director appointed for the purposes of Part II.1 of
the Environmental Protection Act
Ministry of the Environment, Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 30th day of July, 2021



Fariha Pannu, P.Eng.

Director

appointed for the purposes of Part II.1 of the
Environmental Protection Act

SW/

c: District Manager, MECP Guelph District Office
Jeremy W. Lighthouse, P. Eng., WMI & Associates Limited