

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 9215-CDGPKN
Issue Date: April 25, 2022

Rayville Developments (Woodstream) Inc.
70 P.O. Box
Orangeville, Ontario
L9W 2Z5

Site Location: Woodstream Drive
Town of Huntsville, District Municipality of Muskoka, Ontario
P1L 1T5

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 conveyance and management Works to service the proposed Woodstream subdivision development (formerly Huntsville Haven subdivision) at the above Site Location, for the collection, transmission, treatment and disposal of stormwater runoff from a total catchment area of 24.63 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, consisting of the following:

Proposed Works

- **storm sewers** at the intersection of Woodstream Drive and Street C, discharging to the existing storm sewers located on Woodstream Drive described below under Existing Works;
- **storm sewers** on Street C from approximately 50 metres south of Woodstream Drive (STMMH B) to Street D, discharging to the proposed storm sewers located on Street D;
- **storm sewers** on Street D from Street C to Street B (Charles Morley Boulevard), discharging to the proposed storm sewers located on Charles Morley Boulevard;
- **storm sewers** on Charles Morley Boulevard from the intersection of Street D and Charles Morley Boulevard to the south intersection of Street A (Eaglecrest Avenue) and Charles Morley Boulevard, discharging to the proposed storm sewers located on Eaglecrest Avenue;

- **storm sewers** on Eaglecrest Avenue from the south intersection of Eaglecrest Avenue and Charles Morley Boulevard to the west inlet of the proposed constructed wetland described below (CBMH 6), discharging to the constructed wetland via a 21 metre long inlet storm sewer;
- **storm sewers** on Charles Morley Boulevard from approximately 40 metres south of Woodstream Drive (CBMH 26) to approximately 110 metres south of Woodstream Drive (CBMH 1), discharging to the proposed storm sewers located on Eaglecrest Avenue at the north intersection of Eaglecrest Avenue and Charles Morley Boulevard;
- **storm sewers** on Eaglecrest Avenue from the north intersection of Eaglecrest Avenue and Charles Morley Boulevard to the west inlet of the proposed constructed wetland described below (CBMH 6), discharging to the constructed wetland via a 21 metre long inlet storm sewer;
- **storm sewers** on Eaglecrest Avenue from approximately 100 metres west of District Road 3 (CBMH 12) to 65 metres west of District Road 3 (CBMH 13/CBMH A), discharging to the proposed oil and grit separator described below (EFO6 or Equivalent Equipment) south of Eaglecrest Avenue via proposed storm sewers;
- **storm sewer** on Eaglecrest Avenue at the intersection of Eaglecrest Avenue and District Road 3, discharging to the proposed oil and grit separator described below (EFO4 or Equivalent Equipment) at the intersection;
- **enhanced grassed swales** located along the lot lines between Blocks 124 and 127, Blocks 125 and 128, and Blocks 126 and 129 (between Woodstream Drive and Street D), having a total length of approximately 160 metres, a minimum bottom width of 0.15 metres, side slopes of 3:1, a channel depth of 0.15-0.2 metres and a maximum channel slope of 0.5%, receiving overland flow from the contributing areas and discharging to the proposed storm sewers on Charles Morley Boulevard and Street D;
- **enhanced grassed swales** located along the lot lines between Blocks 130 and 132, and Blocks 131 and 133 (between Eaglecrest Avenue and Charles Morley Boulevard), having a total length of approximately 120 metres, a minimum bottom width of 0.15 metres, side slopes of 3:1, a channel depth of 0.15-0.2 metres and a maximum channel slope of 0.5%, receiving overland flow from the contributing areas and discharging to the proposed storm sewers on Eaglecrest Avenue;
- **temporary cut-off grassed swale** located around the west development perimeter, having a total length of approximately 210 metres, a bottom width of 1 metre, side slopes of 3:1 and a channel depth of 0.3 metres, complete with rip-rap lining consisting of 150 millimetre diameter stone with Terrafix 270R filter fabric beneath where the channel slope exceeds 1.97%, receiving overland flow from the external and future phase drainage areas to the west and discharging to the proposed storm sewer system;
- **enhanced grassed swale** extending from Eaglecrest Avenue to the west inlet of the proposed constructed wetland described below, having a total length of approximately 12 metres, a bottom width of 4 metres, side slopes of 3:1 and a channel depth of 0.5 metres, complete with rip-rap

lining consisting of 150 millimetre diameter stone with Terrafix 270R filter fabric beneath, receiving overland flow from Eaglecrest Avenue and discharging to the constructed wetland;

- **stormwater management facility (catchment area 23.35 hectares):** one (1) proposed constructed wetland (expanded from the existing facility approved under Approval No. 6116-AN2K26), located south of Woodstream Drive along the east property boundary, having a permanent storage volume of approximately 1,040 cubic metres, an extended detention volume of approximately 4,300 cubic metres, and a total active storage volume of approximately 5,828 cubic metres at the maximum depth of 1.50 metres (elevation 311.00 metres), consisting of the following:
 - one (1) existing inlet structure at the north corner of the facility, consisting of a 65 metre long 600 millimetre diameter storm inlet pipe and a concrete headwall;
 - one (1) proposed inlet structure at the west corner of the facility along Eaglecrest Avenue, consisting of a 21 metre long 750 millimetre diameter storm inlet pipe and a concrete headwall;
 - two (2) 1.0 metre deep sediment forebays at the north and west corners of the facility;
 - one (1) main cell, complete with 5.0 metre long rip-rap weirs and two (2) 0.15 metre deep serpentine low flow paths at the cell bottom;
 - one (1) 5.0 metre wide rip-rap emergency overflow weir at the southeast corner of the facility;
 - one (1) 4.0 meter wide Turfstone access extending from Eaglecrest Avenue to the west berm; and
 - one (1) outlet structure at the southeast corner, consisting of a 400 millimetre diameter perforated riser in a stone jacket, a 450 millimetre diameter perforated primary outlet pipe in a stone jacket, a 175 millimetre diameter orifice between the riser and the outlet pipe, and a 300 millimetre diameter secondary outlet pipe extending from the riser to the primary outlet pipe, allowing a maximum discharge of 0.176 cubic metres per second under the 100-year storm event to the Gypsy Bill Creek and ultimately Fairy Lake via the existing drainage swale towards east of the site;
- **oil and grit separator (catchment area 0.8 hectares):** one (1) oil and grit separator, EFO6 or Equivalent Equipment, located south of Eaglecrest Avenue near the southeast corner of the site, providing Enhanced Level of quality protection, having a sediment storage capacity of 3,470 litres, an oil storage capacity of 610 litres, a total storage volume of approximately 5,070 litres, and a maximum treatment rate of 16.29 litres per second, receiving inflow from the storm sewer on Eaglecrest Avenue, discharging via a 450 millimetre diameter outlet pipe to the existing watercourse traversing the southeast portion of the site;

- **oil and grit separator (catchment area 0.23 hectares):** one (1) oil and grit separator, EFO4 or Equivalent Equipment, located at the intersection of Eaglecrest Avenue and District Road 3, providing Enhanced Level of quality protection, having a sediment storage capacity of 1,190 litres, an oil storage capacity of 265 litres, a total storage volume of approximately 1,780 litres, and a maximum treatment rate of 3.51 litres per second, receiving inflow from the storm sewer at the intersection of Eaglecrest Avenue and District Road 3, discharging via a 300 millimetre diameter outlet pipe to the existing roadside ditch along District Road 3;

Existing Works

- **storm sewers** on Woodstream Drive from the cul-de-sac to approximately 190 metres east of the cul-de-sac, discharging to the grassed swale described below;
- **grassed swale** located between Lots 13 and 14 with a total length of approximately 55 metres, a bottom width of 1.5 metres and side slopes of 3:1, discharging to the proposed constructed wetland described above;

including 0.20 hectares of the developed site along the east property boundary with stormwater runoff discharging uncontrolled to the neighbouring properties to the east; and

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. "Equivalent Equipment" means a substituted equipment or like-for-like equipment that meets the required quality and performance standards of the approved named equipment;
6. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;

7. "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;
8. "MNRF" 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;
9. "Owner" means Rayville Developments (Woodstream) Inc.;
10. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
11. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
12. "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 inspect and ensure that the design minimum liquid retention volume is maintained in the Works at all times, except when maintenance is required.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.

Schedule A

1. Application for Environmental Compliance Approval for Municipal and Private Sewage Works, dated August 3, 2021 and received on December 20, 2021, submitted by Pinestone Engineering Ltd. on behalf of Rayville Developments (Woodstream) Inc., including the design brief, final plans, specifications and all supporting documentation submitted in support of this application.
2. Revised engineering drawing titled "Stormwater Management Facility Details" (Revision 4), dated April 13, 2022 and prepared by Pinestone Engineering Ltd.
3. Forebay Design Calculations, dated April 13, 2022 and prepared by Pinestone Engineering Ltd.
4. Revised engineering drawing titled "Grading Plan 1" (Revision 4), dated January 5, 2022 and prepared by Pinestone Engineering Ltd.

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. As well, the inclusion of an operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the Owner and made available to the Ministry. Such information is an integral part of the operation of the Works. Furthermore, this Condition is included to ensure that the Works are properly operated and maintained to function as designed. The Condition is also included to ensure the proposed Works conforms to the Source Protection Plan and that nearby sources of drinking water are protected.
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. The Condition is also included to ensure the Works identified above conforms to the Source Protection Plan and that nearby sources of

drinking water are protected.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).
6116-AN2K26 issued on June 12, 2017.**

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land Tribunal and in accordance with Section 47 of the *Environmental Bill of Rights*, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") 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:

Registrar*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

and

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th.Floor
Toronto, Ontario
M7A 2J3

and

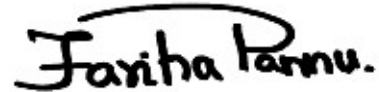
The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca

This instrument is subject to Section 38 of the *Environmental Bill of Rights*, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

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

DATED AT TORONTO this 25th day of April, 2022



Fariha Pannu, P.Eng.

Director

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

SW/

c: District Manager, MECP Barrie District Office
Tim Harvey, P.Eng., Pinestone Engineering Ltd.