ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 4713-DWHPAH
Issue Date: November 4, 2026

Steven Werner Zeidler
operating as Matchedash Camp
2907 Matchedash Street
Severn, Ontario
L0K 2C0

Site Location: Matchedash Camp
2907 Matchedash Street
Township of Severn, County of Simcoe

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, usage and operation of new non-municipal Works, for the treatment of sanitary sewage from Matchedash Camp at the above Site Location and disposal of treated effluent to the subsurface via a Sewage Treatment Plant (BNA iQ.MBBR™ Wastewater Treatment System) and Final Effluent disposal facility as follows:

Classification of Sewage Treatment Plant: Secondary

Details of Service Area:

Type of Occupancy: Commercial seasonal campground/trailer park

Type and Number of Units:

- seventy-five (75) seasonal recreational vehicle/trailer sites equipped with water and sewer connections;
- one (1) four-bedroom residence; and
- one (1) communal comfort station;

Design Capacity of Sewage Treatment Plant:

Design Capacity with All Treatment Trains in Operation	Upon Completion of Construction of Sewage Treatment Plant
Maximum Daily Flow	33,875 litres per day

Influent and Imported Sewage:

Receiving Location	Types
In Collection System	Sanitary Sewage
At Sewage Treatment Plant	None

PROPOSED WORKS

Sewage Treatment Plant, Moving Bed Biofilm Reactor, BNA iQ.MBBR™ Wastewater Treatment System

Flow Equalization

- one (1) proposed in-ground precast concrete Equalization Tank, having an approximate working volume of 30.2 cubic metres, equipped with a liquid-level control system and two (2) submersible equalization sewage pumps, receiving sanitary sewage from the on-site facilities identified above and discharging sewage at an equalized flow rate of approximately 1.41 cubic metres per hour to the Primary Sludge Storage Tank described below;

Primary Treatment System

- one (1) proposed in-ground precast concrete Primary Sludge Storage Tank, having an approximate working volume of 30.2 cubic metres, receiving sewage from the Equalization Tank, sludge returned from the Secondary Clarifier and process recycle flow from Aerobic Bioreactor 2, and discharging effluent by gravity to the Primary Clarifier described below;

- one (1) proposed Primary Clarifier, comprising approximately one-third of an in-ground 30,000-litre precast concrete tank and having an approximate working volume of 9.5 cubic metres and a specified surface area of 3.6 square metres, receiving effluent from the Primary Sludge Storage Tank and discharging effluent by gravity to Aerobic Bioreactor 1 described below;

- sludge generated in the Primary Clarifier and Secondary Clarifier and accumulated in the Primary Sludge Storage Tank shall be periodically removed for off-site disposal at an approved receiving facility;

Secondary Treatment System

- two (2) proposed in-ground moving bed biofilm reactor compartments, operating in series as Aerobic Bioreactor 1 and Aerobic Bioreactor 2:

- Aerobic Bioreactor 1 comprising approximately two-thirds of an in-ground 30,000-litre precast concrete tank and having an approximate working volume of 19.1 cubic metres;

- Aerobic Bioreactor 2 comprising approximately two-thirds of an in-ground 30,000-litre precast concrete tank and having an approximate working volume of 18.5 cubic metres;

- containing a combined volume of approximately 12.4 cubic metres of engineered plastic carrier media providing approximately 6,200 square metres of media surface area;

- equipped with fine-bubble diffusers, dissolved-oxygen monitoring and control equipment, media-retention screens, two (2) air blowers, each rated at approximately 65 normal cubic metres per hour, and one (1) process recirculation pump in Aerobic Bioreactor 2 that returns process mixed liquor to the Primary Sludge Storage Tank;

- receiving effluent from the Primary Clarifier and discharging effluent to the Floc Reactor described below;

- one (1) proposed Floc Reactor for phosphorus reduction, having an approximate working volume of 1.0 cubic metre and equipped with a mixing system for chemical mixing and precipitation, receiving effluent from Aerobic Bioreactor 2 and coagulant from the Chemical Dosing System described below and discharging effluent to the Secondary Clarifier;

- one (1) proposed Secondary Clarifier, comprising approximately one-third of an in-ground 30,000-litre precast concrete tank, having an approximate working volume of 7.0 cubic metres and a specified surface area of approximately 3.6 square metres, equipped with a sloped-wall double hopper, two (2) sludge return pumps and one (1) floating-sludge skimmer pump, receiving chemically treated effluent from the Floc Reactor, returning settled and floating sludge to the Primary Sludge Storage Tank, and discharging clarified effluent by gravity to the Effluent Pump Tank described below;

Effluent Pump Tank

- one (1) proposed in-ground precast concrete Effluent Pump Tank, having an approximate working volume of 9.7 cubic metres, equipped with a liquid-level control system, high-level alarm and two (2) alternating submersible effluent pumps, each capable of delivering a complete dose of approximately 2,200 litres at a minimum rate of 168.5 litres per minute at 5.4 metres total dynamic head, receiving effluent from the Secondary Clarifier and discharging Final Effluent to the Type A dispersal bed described below through a 50-millimetre-diameter polyethylene forcemain;

Chemical Dosing System

- one (1) proposed chemical dosing system for phosphorus reduction, consisting of:

    - one (1) coagulant storage tank having an approximate storage capacity of 680 litres and provided with secondary containment and a low-level alarm;

- one (1) chemical dosing pump having a maximum dosing capacity of approximately 1.40 litres per hour;

- chemical-feed piping, flow-measuring equipment, controls and associated appurtenances;

- dosing coagulant into the Floc Reactor described above;

Control and Monitoring Systems

- two (2) proposed control panels for the Sewage Treatment Plant, Equalization Tank and Effluent Pump Tank, including process controls, equipment-current monitoring, alarm functions, data logging and remote monitoring and notification;

- dissolved-oxygen monitoring and control equipment for the aerobic biological treatment process;

Final Effluent Flow Measurement and Sampling Point

- Final Effluent flow measurement through one (1) proposed flow meter installed on the Final Effluent forcemain, capable of continuously measuring and totalizing the volume discharged to the Type A dispersal bed;

- sampling of Final Effluent from a representative sampling point at or downstream of the Effluent Pump Tank and upstream of discharge to the Type A dispersal bed;

Final Effluent Disposal Facility, Type A Dispersal Bed

Maximum Daily Flow = 33,875 litres per day

- one (1) proposed raised Type A dispersal bed, consisting of:

    - one (1) rectangular stone layer having an approximate area of 680.4 square metres, measuring approximately 42.0 metres by 16.2 metres, and having a thickness of 300 millimetres, consisting of washed clear aggregate and protected by permeable non-woven geotextile fabric;

    - thirty-two (32) runs of 75-millimetre-diameter perforated distribution piping, each approximately 19.6 metres long, arranged as two (2) physical distribution pods, with sixteen (16) runs in each pod, installed approximately 1.0 metre centre to centre and approximately 0.6 metre from the sides and ends of the stone layer;

    - one (1) distribution box equipped with two (2) self-levelling flow-equalizing outlets, with each outlet discharging to one distribution pod through a split-header arrangement;

    - one (1) 100-millimetre-diameter, approximately 3.0-metre-long velocity-reduction pipe upstream of the distribution box;

- an imported sand layer having a percolation time of 6 to 10 minutes per centimetre and providing an approximate contact area of 1,724.9 square metres;

- an approximately 18.0-metre-long sand mantle extending in the direction of horizontal effluent movement;

- surface grading, drainage swales, topsoil, sod or seed and erosion-protection measures;

including all other mechanical systems, electrical systems, instrumentation and control systems, piping, pumps, valves and appurtenances essential for the proper, safe and reliable operation of the Works in accordance with this Approval, in the context of process performance and general principles of wastewater engineering only;

all in accordance with the submitted supporting documents listed in **Schedule A.**

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

1. "Annual Average Effluent Concentration" means the arithmetic mean of all Single Sample Results of the concentration of a contaminant in the Final Effluent sampled or measured during the Operating Season of a given year;

2. "Approval" means this entire Environmental Compliance Approval and any Schedules attached to it;

3. "BOD_5" (also known as $TBOD_5$) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demands;

4. "$CBOD_5$" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;

5. "Commissioned" means the construction is complete and the Works have been tested, inspected and are ready for operation consistent with the design intent;

6. "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;

7. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works is geographically located;

8. "EPA" means the Environmental Protection Act, R.S.O. 1990, c. E.19;

9. "Equivalent Equipment" means alternate piece(s) of equipment that meets the design requirements and performance specifications of the piece(s) of equipment to be substituted;

10. "Final Effluent" means effluent that is discharged to the environment through the approved Final Effluent disposal facility and that is required to meet the compliance limits stipulated in this Approval at the Final Effluent sampling point;

11. "Grab Sample" or "Grab" means an individual sample of at least 1,000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;

12. "Influent" means sanitary sewage flowing to the Sewage Treatment Plant from the on-site collection system, excluding process return flows;

13. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the Professional Engineers Act, R.S.O. 1990, c. P.28;

14. "Maximum Daily Flow" means the largest volume of flow to be received during a one-day period for which the sewage treatment process units or equipment are designed to handle;

15. “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;

16. “Normal Operating Condition” means the condition when all unit processes in a treatment train are operating within their design capacities;

17. “OBC” means the Ontario Building Code, Ontario Regulation 163/24 (Building Code), as amended to January 1, 2025, made under the Building Code Act, 1992, S.O. 1992, c. 23;

18. “Operating Agency” means the Owner, person or entity that is authorized by the Owner for the management, operation, maintenance or alteration of the Works in accordance with this Approval;

19. “Operating Season” means the period during each calendar year when the Site is open and the Sewage Treatment Plant is receiving and treating sanitary sewage;

20. “Owner” means Steven Werner Zeidler operating as Matchedash Camp, including any successors and assignees;

21. “OWRA” means the Ontario Water Resources Act, R.S.O. 1990, c. O.40;

22. “Primary Treatment System” means all facilities in the Sewage Treatment Plant associated with primary sedimentation and sludge storage;

23. “Proposed Works” means those portions of the Works included in this Approval that are under construction or to be constructed;

24. “Secondary Treatment System” means all facilities in the Sewage Treatment Plant associated with biological treatment, secondary sedimentation and phosphorus-removal unit processes;

25. “Sewage Treatment Plant” means all facilities related to sewage treatment at the Site, excluding the Final Effluent disposal facility;

26. “Single Sample Result” means the test result of a parameter in the Final Effluent discharged on any day, as measured in a Grab Sample or by an approved probe or analyzer, as required;

27. “Works” means the approved sewage works and includes the Proposed 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 PROVISIONS

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 terms and conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

2. The Owner shall design, construct, operate and maintain the Works in accordance with the conditions of this Approval.

3. Where there is a conflict between a provision of any document referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence.

4. 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; or

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

2. CHANGE OF OWNER AND OPERATING AGENCY

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 address of the Owner;

    b. change of Owner, including the address of the new 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. B.17 shall be included in the notification; and

    d. change of name of a 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. C.39 shall be included in the notification.

2. The Owner shall notify the District Manager, in writing, of any of the following changes within **thirty (30) days** of the change occurring:

   a. change of address of the Operating Agency; and

   b. change of the Operating Agency, including the address of the new Operating Agency.

3. In the event of any change in ownership of the Works, the Owner shall notify the succeeding owner, in writing, of the existence of this Approval and forward a copy of the notice to the District Manager.

4. The Owner shall ensure that all communications made pursuant to this condition refer to the number of this Approval.

3. CONSTRUCTION OF PROPOSED WORKS

1. All Proposed Works in this Approval shall be constructed and installed and must commence operation within **five (5) years** of issuance of this Approval, after which time this Approval ceases to apply in respect of any portions of the Works not in operation.

2. Where construction, installation or operation of any portion of the Proposed Works is anticipated to be delayed beyond the period specified in subsection 3.1, the Owner shall submit to the Director an application to amend this Approval to extend the period at least **six (6) months** before the end of that period. The application shall include:

   a. the reasons for the delay; and

   b. a description of any proposed design changes.

3. The Owner shall ensure that construction of the Proposed Works is supervised by a Licensed Engineering Practitioner.

4. The Owner shall ensure that the treatment technologies are installed in accordance with the manufacturer's installation requirements and the supporting documents listed in **Schedule A**.

5. Equivalent Equipment may be installed only where a Licensed Engineering Practitioner confirms in writing that the Equivalent Equipment meets or exceeds the approved design requirements and performance specifications, including the applicable working volume, hydraulic retention time, hydraulic capacity, pump duty, treatment capacity and process performance, and does not alter the Maximum Daily Flow, treatment process, location of the Final Effluent disposal facility or potential environmental effects of the Works. The written confirmation shall be retained at the Site and included in the commissioning report.

6. The Owner shall ensure that the Works are constructed such that the minimum horizontal clearance distances specified in the OBC and the supporting documents listed in **Schedule A** are satisfied.

7. The Owner shall ensure that imported soil required for construction of the Type A dispersal bed is tested and verified by a Licensed Engineering Practitioner for the specified percolation time before delivery to the Site. Written records of the testing and verification shall be retained at the Site.

8. The Owner shall ensure that the imported stone used to construct the Type A dispersal bed complies with the specifications in the supporting documents listed in **Schedule A**. Written records confirming compliance shall be retained at the Site.

9. Before placement of imported sand and stone, the Owner shall ensure that the Licensed Engineering Practitioner supervising construction verifies that the required vertical separation from the bottom of the stone layer to the seasonally high groundwater table, bedrock and unsuitable native soil is provided.

10. Upon completion of construction of the Proposed Works, the Owner shall prepare and submit to the District Manager a written statement, certified by a Licensed Engineering Practitioner, confirming that the Proposed Works were constructed in accordance with this Approval.

11. **One (1) week** before the commencement of operation of the Proposed Works, the Owner shall notify the District Manager, in writing, of the pending start-up date.

12. Within **one (1) year** of completion of construction of the Proposed Works, the Owner shall prepare a set of record drawings showing the Works as constructed. The drawings shall be kept current through revisions undertaken from time to time, and a copy shall be readily accessible for reference at the Works.

13. Before the commencement of regular operation of the Proposed Works, the Owner shall ensure that a commissioning report has been prepared and certified by a Licensed Engineering Practitioner. The commissioning report shall include, at a minimum:

    a. confirmation of the installed tank configurations and working volumes;

    b. confirmation of the installed pumps and their hydraulic performance;

    c. confirmation that each Final Effluent pump is capable of delivering a complete dose of approximately 2,200 litres at a minimum rate of 168.5 litres per minute at 5.4 metres total dynamic head;

    d. identification of any Equivalent Equipment installed and the supporting written confirmation from the Licensed Engineering Practitioner;

    e. final liquid-level controls and float settings;

    f. confirmation of the operation of the distribution box, flow equalizers and split-header arrangement;

    g. confirmation of the Final Effluent forcemain installation and applicable freeze-protection measures;

h. imported-sand and stone compliance documentation;

i. verification of the vertical separation and horizontal clearances for the Type A dispersal bed;

j. calibration records for the Final Effluent flow-measuring equipment;

k. confirmation that alarms, process controls and remote-notification systems have been tested and are operational;

l. confirmation that an operations and maintenance manual has been prepared and is available at the Site; and

m. confirmation that the Works are ready for operation in accordance with this Approval.

14. The commissioning report shall be retained at the Site and made available to Ministry staff upon request.

4. DESIGN OBJECTIVES

1. The Owner shall design and undertake everything practicable to operate the Sewage Treatment Plant in accordance with the Final Effluent design objectives listed in **Schedule B**.

2. Where a Single Sample Result exceeds the corresponding design objective specified in **Schedule B**, the Owner shall review the result and the operation of the Works and shall undertake further investigation or corrective action where warranted.

3. Where the Annual Average Effluent Concentration of a parameter exceeds the corresponding design objective specified in **Schedule B**, the Owner shall:

   a. review the operation of the Works;

   b. investigate the cause of the non-achievement;

   c. undertake corrective action where necessary to optimize treatment performance; and

   d. record the investigation, findings and corrective actions taken.

5. COMPLIANCE LIMITS

1. The Owner shall operate and maintain the Sewage Treatment Plant such that the compliance limits for the Final Effluent parameters listed in **Schedule C** are met.

6. OPERATION AND MAINTENANCE

1. The Owner shall ensure that, at all times, the Works and related equipment and appurtenances used to achieve compliance with this Approval are properly operated and maintained. Proper operation and maintenance shall include effective performance, adequate staffing and training, training in all procedures and other requirements of this Approval and the OWRA and relevant regulations made under the OWRA, process controls and alarms, and the proper use and management of process chemicals and other substances used in the Works.

2. Before the commencement of regular operation of the Proposed Works, the Owner shall prepare an operations and maintenance manual for the Works. The manual shall include, but not necessarily be limited to:

    a. operating procedures for the Works under Normal Operating Conditions;

    b. procedures for seasonal start-up, biological-process acclimation and seasonal shutdown;

    c. inspection programs, including inspection frequencies and methods or tests used to identify when maintenance is necessary;

    d. repair and maintenance programs, including the frequency of repair and maintenance for the Works;

    e. procedures for inspecting and calibrating monitoring equipment;

    f. procedures for operating the Works outside Normal Operating Conditions and during structural, mechanical or electrical failures or unforeseen flow conditions;

    g. procedures for responding to pump failure, blower failure, chemical-feed failure, alarm conditions, treatment-process upsets and power failure;

    h. procedures for temporary operation using one blower, including dissolved-oxygen monitoring, adjustment of blower speed or operating time, load management, repair or replacement and alternative sewage management where adequate treatment cannot be maintained;

    i. procedures for monitoring sludge and scum accumulation and determining when sludge removal is required;

    j. chemical-storage, handling, dosage-control, inspection and spill-response procedures;

    k. a spill prevention, control and countermeasures plan, including procedures for equipment breakdowns, potential spills and abnormal situations and notification of the Spills Action Centre and District Manager;

l. contingency procedures for restricting sewage generation, temporarily storing sewage or arranging removal by a licensed waste hauler when the Works cannot receive or treat the incoming sewage;

m. procedures for inspecting and maintaining the Type A dispersal bed and distribution system;

n. procedures for collecting representative Final Effluent samples;

o. recordkeeping and annual reporting procedures; and

p. procedures for receiving, responding to and recording public complaints, including follow-up actions.

3. The Owner shall maintain an up-to-date operations and maintenance manual and make it readily accessible for reference at the Works throughout the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

4. The Owner shall ensure that the Operating Agency possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.

5. The Owner shall, upon completion of construction, enter into and maintain a written maintenance agreement with the manufacturer of the treatment process or its authorized service provider. The agreement shall:

   a. remain current throughout the operational life of the Works;

   b. provide for routine inspection and maintenance of the treatment process and associated equipment; and

   c. be retained at the Site and made available to Ministry staff upon request.

6. The Owner shall maintain a logbook recording inspections, operation, repairs, maintenance, calibration, monitoring, alarm events, spill response and contingency measures. Each entry shall include:

   a. the date and time of the activity or event;

   b. the name of the person making the entry;

   c. the results of the inspection, monitoring or maintenance;

   d. equipment failures or alarm conditions identified; and

   e. corrective actions taken.

7. The Owner shall ensure that grass is maintained regularly over the Type A dispersal bed and that adequate measures are taken to protect the area of the subsurface Works from vehicle traffic, structures, stockpiled materials and activities that could impair operation of the Works.

8. The Owner shall visually inspect the general area of the Type A dispersal bed for evidence of breakout, ponding, erosion or other indications of malfunction at least once every month during the Operating Season.

9. If a breakout is observed from the Type A dispersal bed, the Owner shall:

    a. discontinue discharge to the Type A dispersal bed;

    b. **immediately** report the incident verbally to the Spills Action Centre at 416-325-3000 or 1-800-268-6060;

    c. submit a written report to the District Manager within **one (1) week** of identifying the breakout;

    d. restrict access to the affected area until remedial action is complete;

    e. ensure that sewage generated while remedial action is underway is not discharged to the environment; and

    f. ensure that sewage generated at the Site is safely collected and transported by an appropriately approved waste hauler to an approved sewage-receiving or disposal facility.

10. The Owner shall inspect the Primary Sludge Storage Tank and associated sludge-storage and clarification compartments at least twice during each Operating Season.

11. The Owner shall monitor sludge and scum accumulation and ensure that sludge is removed before accumulation:

    a. reduces the available storage volume below that required for proper operation;

    b. adversely affects treatment efficiency or effluent quality; or

    c. exceeds the maximum accumulation level recommended by the manufacturer or Operating Agency.

12. Sludge removed from the Works shall be transported by an appropriately approved waste hauler and disposed of at an approved receiving facility.

13. The Owner shall maintain a valid written arrangement for the removal, transport and lawful disposal of sludge generated by the Works throughout the operational life of the Works.

14. The Owner shall ensure that the flow of treated effluent discharged to the Type A dispersal bed does not exceed 33,875 litres per day.

15. The Owner shall ensure that the chemical-storage and chemical-feed systems:

    a. use materials and equipment compatible with the stored chemicals;

    b. are provided with secondary containment;

    c. include appropriate spill, leakage, overfill and low-level controls or alarms;

    d. are protected from unauthorized access;

    e. are inspected and maintained in accordance with the operations and maintenance manual; and

    f. are provided with appropriate spill-response equipment.

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

7. MONITORING AND RECORDING

1. Upon commencement of operation of the Works, the Owner shall carry out a scheduled monitoring program by collecting samples at the required sampling points and frequencies, using the sample types and analyses specified in **Schedule D**, and shall record all results.

2. All samples and measurements shall be taken at a time and location characteristic of the quality and quantity of the sewage stream over the period being monitored.

3. For the purposes of **Schedule D**:

    a. Monthly means once every calendar month during the Operating Season;

    b. Quarterly during the Operating Season means f**our (4) times** during the Operating Season, with samples collected at reasonably spaced intervals; and

    c. Annually means once every calendar year.

4. A schedule of the day of the month for the scheduled sampling shall be prepared. The sampling schedule shall be revised and updated every year through rotation of the scheduled sampling day.

5. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents, and all analysis shall be conducted by a laboratory accredited to the ISO/IEC 17025 standard or as otherwise directed by the District Manager:

    a. the Ministry's Procedure F-10-1, Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended;

    b. the Ministry's publication Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0, January 2016, PIBS 2724e02, as amended;

    c. Standard Methods for the Examination of Water and Wastewater, as amended; and

    d. for parameters not addressed by the documents identified in paragraphs 7.5(a) to 7.5(c), a method approved in writing by the District Manager before sampling.

6. The Owner shall continuously measure and totalize the Final Effluent flow discharged from the Sewage Treatment Plant to the Type A dispersal bed using flow-measuring equipment calibrated to an accuracy within plus or minus fifteen per cent of the actual flow rate.

7. The Owner shall record the daily volume of Final Effluent discharged to the Type A dispersal bed.

8. The Owner may use the measured Final Effluent flow as an estimate of the Influent flow where the Influent and Final Effluent flows are not significantly different.

9. The Owner shall inspect, maintain and calibrate the Final Effluent flow-measuring equipment at least annually or at the frequency recommended by the manufacturer, whichever is more frequent, and the records shall include:

    a. the date of inspection or calibration;

    b. the person conducting the activity;

    c. the method used;

    d. the results; and

    e. any adjustments, repairs or replacement undertaken.

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

8. REPORTING

1. The Owner shall report to the District Manager orally as soon as possible any non-compliance with the compliance limits specified in Condition 5, and in writing within **seven (7) days** of non-compliance.

2. In addition to obligations under Part X of the EPA and O. Reg. 675/98, the Owner shall, within **fifteen (15) days** after the occurrence of a reportable spill, submit a written report to the District Manager describing:

    a. the cause and discovery of the spill;

    b. the volume and nature of the material spilled;

    c. cleanup and recovery measures taken;

    d. environmental effects identified;

    e. preventive measures to be taken; and

    f. the implementation schedule for preventive measures.

3. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.

4. The Owner shall prepare performance reports on a calendar-year basis and submit them electronically to the District Manager by **March 31** of the year following the period being reported.

5. Each performance report shall contain, but not necessarily be limited to:

    a. a summary and interpretation of all Influent monitoring results, including comparison with the design Influent characteristics and an assessment of any significant variation from the design basis;

    b. a summary and interpretation of all flow data and the results achieved in not exceeding the Maximum Daily Flow of 33,875 litres per day discharged to the Type A dispersal bed;

    c. a summary and interpretation of all Final Effluent monitoring results, including the concentration of each monitored parameter, the calculated average for the applicable Operating Season, and comparison with the design objectives and compliance limits in this Approval;

    d. an assessment of the overall performance and adequacy of the Works, including the treatment units and Type A dispersal bed;

    e. a summary of deviations from the monitoring schedule and reasons for the deviations;

f. a summary of operating issues, alarm events, equipment failures and process upsets and the corrective actions taken;

g. a summary of normal and emergency repairs and maintenance activities undertaken on any major structure, equipment, apparatus or mechanism forming part of the Works;

h. a summary of effluent quality-assurance or quality-control measures undertaken;

i. a summary of the inspection, calibration and maintenance of the Final Effluent flow-measuring and monitoring equipment;

j. a description of efforts made and results achieved in meeting the Design Objectives condition;

k. a summary of chemical usage, dose adjustments and chemical-storage-system inspections;

l. a tabulation of sludge measurements, sludge volumes removed and sludge-monitoring results, an outline of anticipated sludge-removal requirements for the next reporting period, and a summary of the locations to which sludge was transported for disposal;

m. a summary of monthly inspections of the Type A dispersal bed and any evidence of ponding, breakout, erosion or malfunction;

n. a summary of complaints received and actions taken to resolve them;

o. a summary of all situations outside Normal Operating Conditions, reportable spills, abnormal discharge events and related corrective actions; and

p. any other information required by the District Manager.

9. DECOMMISSIONING OF EXISTING SEWAGE WORKS AND GREYWATER PITS

1. Within **sixty (60) days** after the Proposed Works are Commissioned, the Owner shall ensure that:

   a. all sanitary sewage generated by the facilities identified in the Description of this Approval is directed to the Proposed Works;

   b. disposal of wastewater from recreational vehicle or trailer sites into the existing communal washroom sewage system ceases;

   c. use of all existing greywater pits ceases; and

   d. the existing sewage systems and greywater pits replaced by the Proposed Works are disconnected and decommissioned.

2. The Owner shall carry out decommissioning in accordance with the following requirements:

    a. sewage pipes leading from the serviced facilities to unused sewage-system components shall be disconnected and capped;

    b. unused septic tanks, holding tanks, treatment tanks and pump chambers shall be completely emptied by an appropriately approved waste hauler and shall be removed, crushed and backfilled, or filled with granular material in accordance with applicable requirements;

    c. remaining sanitary sewage and sludge shall be transported by an appropriately approved waste hauler to an approved receiving facility;

    d. unused greywater pits shall be disconnected and decommissioned in a manner that prevents further discharge and protects groundwater and surface water;

    e. where an existing disposal-bed area is to be used for construction or another purpose, the distribution piping and affected materials shall be removed and transported to an approved disposal facility, as applicable;

    f. where an existing disposal bed will not be disturbed or used for another purpose, it may be disconnected and abandoned in place in accordance with the applicable requirements;

    g. affected areas shall be restored and graded to prevent ponding, erosion and entry of surface water; and

    h. decommissioning shall be completed in a manner that prevents an adverse effect.

3. Within **thirty (30) days** after completion of decommissioning, the Owner shall submit written confirmation to the District Manager describing:

    a. the systems and components decommissioned;

    b. the date decommissioning was completed;

    c. the methods used;

    d. volumes of sewage and sludge removed;

    e. receiving facilities used for disposal; and

    f. Site restoration completed.

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

1. Condition 1 regarding general provisions 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, and to establish that the conditions of this Approval take precedence where a conflict exists with a supporting document.

2. Condition 2 regarding change of Owner and Operating Agency is included to ensure that the Ministry's records are kept accurate and current with respect to the ownership and Operating Agency of the Works, and to ensure that subsequent owners of the Works are made aware of this Approval and continue to operate the Works in compliance with it.

3. Condition 3 regarding construction of Proposed Works is included to ensure that the Works are constructed and brought into operation in a timely manner so that the standards applicable at the time of approval remain applicable at the time of construction and commissioning. This condition is also included to ensure that the Works are constructed in accordance with this Approval; that the treatment system, Type A dispersal bed, monitoring equipment, controls and alarms are inspected and tested; that the approved hydraulic and process-performance requirements are verified; and that a commissioning report and record drawings showing the Works as constructed are prepared and maintained for future reference.

4. Condition 4 regarding design objectives is imposed to establish non-enforceable design objectives to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs.

5. Condition 5 regarding compliance limits is imposed to ensure that the Final Effluent discharged from the Sewage Treatment Plant to the Type A dispersal bed meets the Ministry's effluent quality requirements.

6. Condition 6 regarding operation and maintenance is included to require that the Works be properly operated, maintained, staffed and equipped so that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented. The condition also requires the preparation, implementation and maintenance of a comprehensive operations and maintenance manual addressing routine operation, seasonal start-up and shutdown, monitoring, sludge management, chemical handling, equipment failure, alarm response, spill prevention, contingency measures and maintenance of the Type A dispersal bed. The manual and associated operational records are integral to the proper operation of the Works and will assist the Owner in staff training, process control, maintenance planning and response to abnormal operating conditions. The manual and records will also provide a benchmark for Ministry staff when reviewing operation of the Works.

7. Condition 7 regarding monitoring and recording is included to enable the Owner to evaluate and demonstrate the performance of the Works on a continual basis, to confirm that the Works are properly operated and maintained at a level consistent with the design objectives and compliance limits, and to verify that the volume of Final Effluent discharged to the Type A dispersal bed does not exceed its approved Maximum Daily Flow.

8. Condition 8 regarding reporting is included to provide a performance and compliance record for future reference, to ensure that the Ministry is made aware of problems and non-compliance as they arise, and to provide the information necessary to assess the continuing performance and adequacy of the Works.

9. Condition 9 regarding decommissioning of existing sewage works and greywater pits is included to ensure that the existing sewage systems and unapproved greywater pits replaced by the Proposed Works are disconnected and properly decommissioned; that remaining sewage and sludge are lawfully removed and disposed of; that wastewater from the recreational vehicle sites is no longer discharged to the existing communal washroom sewage system or greywater pits; and that the decommissioning activities are documented and completed in a manner that protects groundwater, surface water and the surrounding environment.

Schedule A

1. Application for Environmental Compliance Approval dated April 8, 2026 and received on April 8, 2026, submitted by Steven Werner Zeidler, operating as Matchedash Camp, for the proposed BNA iQ.MBBR™ Wastewater Treatment System and Type A dispersal bed, including the Design Report titled "Matchedash Camp Environmental Compliance Approval: Sewage Works," prepared by Gunnell Engineering Ltd., File No. D3060, dated April 2026, and the Engineering Drawing Set titled "Matchedash Camp MECP: Sewage System Design ECA Drawing Set," prepared by Gunnell Engineering Ltd., Project No. D3060, consisting of Drawing B-NDX and Drawings B-1 through B-5, dated April 7, 2026.

2. Wastewater treatment system proposal titled "Matchedash Camp - WWTS," prepared by Bergmann North America Inc., Proposal No. 0323, dated January 27, 2026.

Schedule B

Final Effluent Design Objectives

Final Effluent Parameter	Averaging Calculator	Objective
$CBOD_5$	Annual Average Effluent Concentration	10 mg/L
Total Suspended Solids	Annual Average Effluent Concentration	10 mg/L
Total Phosphorus	Annual Average Effluent Concentration	1.0 mg/L

Schedule C

Final Effluent Compliance Limits

Final Effluent Parameter	Averaging Calculator	Limit, maximum
$CBOD_5$	Annual Average Effluent Concentration	25 mg/L
Total Suspended Solids	Annual Average Effluent Concentration	25 mg/L
Total Phosphorus	Annual Average Effluent Concentration	3.0 mg/L

Schedule D

1. Influent Monitoring

Influent, Equalization Tank

Sampling Point: Representative sample of raw sanitary sewage from the Equalization Tank before discharge to the Primary Sludge Storage Tank.

Parameter	Sample Type	Minimum Frequency
BOD_5	Grab	Quarterly during the Operating Season
Total Suspended Solids	Grab	Quarterly during the Operating Season
Total Phosphorus	Grab	Quarterly during the Operating Season
Total Kjeldahl Nitrogen	Grab	Quarterly during the Operating Season

2. Final Effluent Monitoring

Final Effluent, from a representative sampling point at or downstream of the Effluent Pump Tank and upstream of discharge to the Type A dispersal bed

Parameter	Sample Type	Minimum Frequency
$CBOD_5$	Grab	Monthly during the Operating Season
Total Suspended Solids	Grab	Monthly during the Operating Season
Total Phosphorus	Grab	Monthly during the Operating Season

3. Sludge Monitoring

Sludge, Primary Sludge Storage Tank

Parameter	Sample Type	Minimum Frequency
Total Solids	Grab	Annually
Total Phosphorus	Grab	Annually
Total Ammonia Nitrogen	Grab	Annually
Nitrate as Nitrogen	Grab	Annually
Metal Scan: arsenic, cadmium, cobalt, chromium, copper, lead, mercury, molybdenum, nickel, potassium, selenium and zinc	Grab	Annually

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 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.

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
40 St. Clair Avenue West, 2nd Floor
Toronto, Ontario
M4V 1M2

*** 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 4th day of November, 2026



Fariha Pannu, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

BT/
c: District Manager, MECP Barrie
Dominic Bauer, P.Eng., Gunnell Engineering Ltd.