AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER 1081-DF3RK7
Issue Date: April 29, 2025

Honda Canada Inc.
4700 Industrial Parkway
Alliston, Ontario
L9R 1A2

Site Location: Alliston Assembly Plant
4700 Industrial Parkway
Town of New Tecumseth
County of Simcoe
L9R 1A2

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:

sewage works for the collection, transmission, treatment and disposal of contact and non-contact stormwater into the environment, consisting of the following:

Proposed Works

Next Generation Monozukuri Plant

A new stormwater management (SWM) pond, located southeast of the Mackenzie Pioneer Road / Tottenham Road intersection to provide detention, treatment, and attenuation of stormwater run-off generated within the eastern expansion areas designated for electric vehicle (EV) manufacturing (Next Generation Monozukuri Plant).

The SWM pond will service a **total drainage area of 105.3** hectares, designed as a double cell, end-of-trench, extended detention wet pond for water quality and erosion control. The pond will be comprised of two (2) main components: a sediment forebay and a main pond storage area. The access road to the pond will act as a forebay berm and will have two (2) 1200 millimetre diameter equalization pipes underneath connecting to the main cell.

The run-off detained within the proposed SWM facility will be discharged via a new outfall into Spring Creek. The discharge from the extended detention zone will be conveyed by a

300 millimetre reverse slope pipe with a 100 millimetre orifice plate which has been sized to drain the extended detention storage volume over 32 hours.

Design details for the new SWM pond include the following:

1. Permanent pool volume of 23,333 cubic metres, with 4H:1V side slopes, a depth of 1 metre, and a bottom elevation of 214.50 metres.

2. Extended detention zone provided in the first 1.10 metres above the permanent pool and controlled via a 300 millimetre bottom draw pipe (reverse slope pipe) with a 100 millimetre orifice plate.

3. The upstream invert elevation of the 300 millimetre reverse slope pipe is set at 215.50 metres. Outflows from the reverse slope pipe will be conveyed to a manhole (MH) connected to an outlet channel via a 1200 millimetre diameter concrete storm sewer pipe.

4. Total pond storage volume capacity of 141,971 cubic metres with a top elevation of 219.00 metres corresponding to the edge of access road.

5. A planting shelf centred on the permanent pool with a slope of 7H:1V is provided from an elevation of 215.50 metres to 216.50 metres.

6. 5H:1V side slopes from an elevation of 216.50 metres to 219 metres (top of pond).

7. A spillway structure with an emergency broad crested overflow weir has been incorporated into the pond design to provide a means of outflow for storms that exceed the Regional Storm (Timmins) level in addition to acting as an emergency outlet in the event of blockage in the other outlets.

8. The invert of the spillway has been set at 218 metres. Outflow from the spillway will discharge directly into a channel which has been sized to convey Regional Storm discharges, which then conveys the outflows to Spring Creek.

Stormwater run-off from the eastern expansion site is proposed to be conveyed via **storm sewer systems** towards the stormwater management facilities. The proposed storm sewer networks will be comprised of a series of catch basins, Manholes (MHs), sewer pipes, and oil/grit separator (OGS) units, and will be sized to convey run-off from a 5-year storm event.

At the locations where storm sewers have been proposed for the eastern expansion site, a treatment train approach will be applied as a stormwater solution by means of pre-treatment through OGS units and subsequent conveyance via infiltration trenches towards the wet detention pond. In total, eighteen (18) OGS units have been proposed for the EV plant site. This linear solution will mitigate the potential impacts of the easterly expansion works on the receiving drainage system.

The following table outlines the details of the proposed OGS units.

OGS Unit #	Drainage Area (hectares)	OGS Size	Holding Capacity (Litres)	
			Oil	Sediment
OGS1	3.38	Stormceptor EFO10 (or equivalent)	1670	17,790
OGS19	1.10	Stormceptor EFO5 (or equivalent)	420	2124
OGS3	0.96	Stormceptor EFO5 (or equivalent)	420	2124
OGS4	2.57	Stormceptor EFO8 (or equivalent)	1070	8780
OGS5	0.50	Stormceptor EFO4 (or equivalent)	265	1190
OGS6	0.79	Stormceptor EFO5 (or equivalent)	420	2124
OGS7	1.08	Stormceptor EFO5 (or equivalent)	420	2124
OGS17	1.28	Stormceptor EFO6 (or equivalent)	610	3470
OGS18	0.73	Stormceptor EFO4 (or equivalent)	265	1190
OGS8	3.37	Stormceptor EFO10 (or equivalent)	1670	17,790
OGS9	4.55	Stormceptor EFO10 (or equivalent)	1670	17,790
OGS16	3.63	Stormceptor EFO10 (or equivalent)	1670	17,790
OGS20	1.22	Stormceptor EFO6 (or equivalent)	610	3470
OGS10	1.04	Stormceptor EFO5 (or equivalent)	420	2124
OGS11	2.44	Stormceptor EFO8 (or equivalent)	1070	8780
OGS12	3.87	Stormceptor EFO10 (or equivalent)	1670	17,790
OGS13	3.89	Stormceptor EFO10 (or equivalent)	1670	17,790
OGS14	8.17	Parallel Models/Stormceptor MAX (or equivalent)	TBD	TBD

At the eastern expansion site, the proposed **infiltration trenches** are part of a conveyance system and have been designed to convey both minor and major system drainage towards the proposed SWM pond. The minor system run-off from paved areas on the site will be

collected by storm sewers and directed to infiltration trenches running along the site perimeter with eventual discharge to the proposed SWM pond. Overland run-off (major system drainage) will be directed to the infiltration trenches by the provision of a continuously graded system, and subsequently conveyed to the wet detention pond, avoiding any direct discharge to Spring Creek. The 980 metres and 865 metres long infiltration trenches have been designed as continuous enhanced high retention facilities with a minimum 4 metres flat bottom width, 3H:1V side slopes, and a flat longitudinal gradient to achieve maximum and even distribution of stormwater infiltration.

Shipping Inventory Expansion Area

The automotive storage yard at the northwest corner of the site is to have the existing parking lot expanded into the shipping inventory area. The existing parking lot as well as the surrounding green areas will be incorporated into the shipping inventory area expansion. Drainage within the parking lot is currently conveyed via a storm sewer system comprised of a series of catch basins, MHs, sewer pipes, and OGS units which convey stormwater run-off to the existing Northwest SWM Pond located southeast of the Albert Street East/Parsons Road intersection. The existing parking lot is approximately 4.90 hectares.

In the proposed condition, the increased peak flows from the expansion of the shipping inventory zone will be conveyed by a proposed **storm sewer network** towards a proposed infiltration trench which discharges to the existing Northwest SWM Pond. The proposed storm sewer network will be comprised of a series of catch basins, MHs, sewer pipes, and OGS units and will be sized to convey run-off from a 5-year storm event. Overland run-off (major system drainage) will be directed to the proposed infiltration trench by the provision of a continuously graded system, and subsequently conveyed to the existing Northwest SWM Pond, avoiding any direct discharge to Spring Creek.

At the locations where storm sewers have been proposed for the shipping inventory expansion area, a treatment train approach will be applied as a stormwater solution by means of pre-treatment through OGS units and subsequent conveyance via the perimeter infiltration trench towards the existing Northwest SWM Pond, with ultimate discharge to Spring Creek. In total, six (6) **oil/grit separators** units have been proposed for the shipping inventory expansion area. This linear solution will mitigate the potential impacts of the shipping inventory expansion works on the receiving drainage system. The following table outlines the details of the proposed OGS units.

OGS Unit #	Drainage Area (hectares)	OGS Size	Holding Capacity (Litres)	
			Oil	Sediment
STC3	1.74	Stormceptor EFO8 (or equivalent)	1070	8780
STC7	3.69	Stormceptor EFO10 (or equivalent)	1670	17,790
STC4	1.12	Stormceptor EFO5 (or equivalent)	420	2124
STC6	0.98	Stormceptor EFO5 (or equivalent)	420	2124
OGS15	0.54	Stormceptor EFO4 (or equivalent)	265	1190

STC5	0.55	Stormceptor EFO4 (or equivalent)	265	1190

Within the shipping inventory expansion area, a perimeter **infiltration trench** is proposed as part of a conveyance system and has been designed to convey both minor and major system drainage towards the existing Northwest SWM Pond. The minor system run-off from paved areas within the western parking lot will be collected by storm sewers and directed to the infiltration trench running along the west and north perimeter of the site with eventual discharge to the existing Northwest SWM Pond. Overland run-off (major system drainage) will be directed to the infiltration trench by the provision of a continuously graded system, and subsequently conveyed to the existing Northwest SWM Pond, avoiding any direct discharge to Spring Creek. The 718.50 metres long infiltration trench has been designed as a continuous enhanced high retention facility with a minimum 2 metres flat bottom width, 3H:1V side slopes, and a flat longitudinal gradient to achieve maximum and even distribution of stormwater infiltration.

Existing Works

Existing stormwater management facility to handle stormwater runoff from the expansion of existing parking lots (West Parking Lot and MS Yard Parking Lot), expansion of existing manufacturing buildings (MS Building, Weld Building), and a new Container Yard, with a **total drainage area of 9.26 hectares**, consisting of the following:

1. Three (3) **oil and grit separators** (Stormceptor Model STC-4000 or equivalent), each with an oil holding capacity of 3,360 litres and a sediment holding capacity of 16,490 litres, one (1) **oil and grit separator** (Stormceptor Model STC-2000 or equivalent) with an oil holding capacity of 2,890 litres and a sediment holding capacity of 7,700 litres, and one (1) 456 metres long 2,100 millimetre diameter **storm sewer** conveying stormwater run-off from approximately 5.44 hectares drainage area of the MS Yard Parking Lot expansion, discharging through the existing 1,500 millimetre CSP to the Southwest Infiltration Facility described below.

2. Two (2) **oil and grit separators** (Stormceptor Model STC-4000 or equivalent), each with an oil holding capacity of 3,360 litres and a sediment holding capacity of 16,490 litres, and one (1) 58 metre long 900 millimetre diameter **storm sewer** conveying stormwater run-off from approximately 2.04 hectares drainage area of the MS Building expansion, discharging through the existing 1,500 millimetre CSP to the Southwest Infiltration Facility described below.

3. One (1) **oil and grit separator** (Stormceptor Model STC-2000 or equivalent) with an oil holding capacity of 2,890 litres and a sediment holding capacity of 7,700 litres, two (2) **oil and grit separators** (Stormceptor Model STC-750 or equivalent), each with an oil holding capacity of 915 litres and a sediment holding capacity of 3,000 litres, discharging through one (1) 88 metres long 1,500 millimetre diameter **storm sewer** conveying stormwater run-off from approximately 1.78 hectares drainage area of the west parking lot expansion, discharging to the existing West Infiltration Trench.

4. One (1) 21,000 cubic metres storage capacity **Infiltration Facility** (Southwest Infiltration Facility), having side slopes of 3H:1V, bottom elevation of 217 metres, top elevation of 220 metres and bottom lined with geo-textile filter cloth or 100 millimetre granular material, receiving flow from the above noted parking lot and building expansions.

5. One (1) **control manhole** equipped with one (1) outlet installed at 217 metres elevation connected to one (1) 150 millimetre diameter drawdown pipe discharging to the existing Northwest Pond and one (1) outlet installed at 219 metres elevation discharging directly to the existing high speed test track ditch.

Existing stormwater management facility to handle stormwater run-off from a total **drainage area of 67 hectares**, consisting of the following:

1. Extended detention, infiltration and quantity control for a drainage area of approximately 67 hectares. The **Northeast Pond** is designed to provide approximately 24 hours of extended detention for the run-off from a 25 mm 4-hour design storm event to address both quality and erosion control issues. The pond is to provide infiltration for quality control and also to provide quantity control up to and including the 100-year storm event.

2. A sediment forebay with a total permanent pool volume of approximately 6,180 cubic metres at an elevation of 215 metres and a total extended detention storage of 11,490 cubic metres at an elevation of 215.84 metres.

3. An infiltration storage volume of 2,780 cubic metres in the infiltration cell of the pond between elevations of 214.5 metres and 215 metres.

4. An outflow control structure, designed to discharge at a flowrate of 0.168 cubic metres per second, consisting of an existing 300 millimetre diameter pipe discharging to Spring Creek at an invert elevation of 215 metres to control the extended detention component. This outlet pipe discharges to an existing vegetated channel to Spring Creek.

5. A secondary outflow control structure, designed to control post-development flows such that they are in proximity to the established allowable flow rates for the 5 and the 100-year design storm events consisting of a 300 millimetre diameter orifice installed in a 525 millimetre diameter outlet pipe which connects into an existing 600 millimetre diameter storm sewer pipe at former Tottenham Road with discharge to an existing outfall at Spring Creek. The post-development controlled 5-year and the 100-year outflows from the pond are 0.32 cubic metres per second and 0.45 cubic metres per second, respectively.

6. An active storage volume for quantity control of approximately 35,640 cubic metres at a water level of 217.37 metres.

7. An emergency outlet by means of an existing overflow spillway at elevation of 218.4 metres consisting of a grassed, well vegetated channel approximately 20 metres wide.

Existing stormwater management facility to handle stormwater run-off from a **total drainage area of 3.43 hectares**, consisting of the following:

1. Eight (8) **soakaway pits** located in the eastern boundary of the site and along the main entrance road to the Honda property to service a total drainage area of 3.43 hectares. The soakaway pits are designed to provide infiltration, based on a minimum storage volume equivalent to a 5 mm rainfall event from the contributing roadway catchment and to provide complete exfiltration of run-off. The soakaway pit sizes range from 2 metres by 2 metres to 5.8 metres by 5.8 metres with depths ranging from 3.4 metres to 2.5 metres and the associated storage volumes provided at each soakaway pit are:

Soakaway Pit	Storage Volume (cubic metres)	Soakaway Pit	Storage Volume (cubic metres)
#1	5.44	#5	4.16
#2	4.00	#6	4.16
#3	46.24	#7	5.44
#4	5.44	#8	5.44

2. Approximately 1,030 cubic metres excess storage is to be provided within the surface roadway ditch to store the run-off from a 100-year event.

Existing stormwater management facility to handle stormwater run-off from a **total drainage area of 301.3 hectares**, consisting of the following:

1. An off-line SWM pond located in the north-west corner of the site adjacent to Spring Creek servicing a drainage area of 301.3 hectares, including external areas south of the Honda property, and discharging directly to Spring Creek. The **Northwest Pond** has been constructed as a dry pond to provide quantity controls for storms up to and including the 100-year storm event, and has the following features:

   a. The pond is designed to control the post-development flows such that the post-development flows do not exceed the established allowable flow rates for the 5 and the 100-year design storm events. At the outlet, the post-development controlled 5-year and the 100-year flows are 0.32 cubic metres per second and 0.55 cubic metres per second.

   b. The quantity control is provided by a 525 millimetre diameter pipe at an invert of 216.76 metres, which conveys outflows from the pond to Spring Creek.

2. An emergency outlet is provided by an existing overflow spillway at elevation of 219.5 metres consisting of a grassed vegetated channel.

3. All pond outlets are located along the northern boundary of the pond and the pond provides an active storage volume for quantity control of approximately 36,820 cubic

metres at a water level of 219 metres.

Existing stormwater management facility to handle stormwater run-off from a **total drainage area of 12.3** hectares, consisting of the following:

1. An off-line, self-contained **SWM pond** located in the south-west corner of the site to service a drainage area of a total 12.3 hectares. The pond provides storage for storms up to and including the Timmins Regional storm event. The pond is entirely self-contained, all site run-off entering the facility discharges by infiltration, and has the following features:

    a. The pond bottom is located at an approximate elevation of 217.5 metres with the top of the pond at elevation of 220 metres.

    b. The maximum storage volume provided in the pond is 11,686 cubic metres at the top of berm elevation of 220 metres.

    c. the storage volume of 3,516.0 cubic metres is provided in the pond during the 100-year storm event between elevations of 217.5 metres and 218.47 metres during the post-development conditions.

    d. during Timmins storm event the storage volume in the pond is 9,457 cubic metres at elevation of 219.6 metres.

Existing stormwater management facility to handle stormwater run-off from a **total drainage area of 245 hectares**, consisting of the following:

A **Perimeter Infiltration Trench** located in the western portion of the site immediately north of Industrial Parkway servicing a drainage area of 245 hectares including external areas south of the Honda property. The infiltration trench is designed as a dry facility to provide partial quantity controls and infiltration, and has the following features:

1. The trench provides partial control of the post-development flows up to the 100 year storm event. The uncontrolled 5-year and the 100-year post-development flows to the infiltration trench are 9.21 cubic metres per second and 16.34 cubic metres per second, and the controlled 5-year and 100-year post-development flows from the trench are 0.31 cubic metres per second and 1.99 cubic metres per second.

2. The trench has a total length of 950 metres, with bottom elevation of 217 metres and a top of berm elevation of 220 metres.

3. The trench has a total storage volume of 28,500 cubic metres at elevation of 220 metres.

4. The trench provides storage volume for partial quantity control of approximately 22,930 cubic metres per at water level of 219.77 metres during the 100-year event storm.

5. Complete exfiltration at an elevation of 219.0 metres with a storage volume of 13,300 cubic metres.

6. The quantity control is provided by three, 300 millimetre diameter CSP culverts at an invert of 219 metres, which convey outflows from the trench into a ditch along the Test Track to the Northwest Pond.

7. An emergency outlet is provided by an existing overflow spillway at an elevation of 219.5 metres consisting of a grassed vegetated trapezoidal shape channel, 4.3 metres wide bottom with 3:1 side slopes, which discharges into a ditch along the Test Track to the Northwest pond.

8. All outlets are located along the northern end of the infiltration trench, which outflows to the Northwest Pond by a system of ditches and culverts.

Including all other controls, electrical equipment, instrumentation, piping, valves and appurtenances essential for the proper operation of the aforementioned sewage works.

All in accordance with the supporting documentation submitted to the Ministry as listed in the **Schedule A** of this Approval.

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

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

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. "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;

7. "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;

8. "Limited Operational Flexibility" (LOF) means the conditions that the Owner shall follow in

order to undertake any modification that is pre-authorized as part of this Approval;

9. "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;

10. "Owner" means Honda Canada Inc., and its successors and assignees;

11. "OWRA" means the *Ontario Water Resources Act* , R.S.O. 1990, c. O.40, as amended;

12. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed; and

13. "Works" means the approved sewage works, and includes Proposed Works, Existing Works and modifications made under Limited Operational Flexibility.

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, including, but not limited to, the obligation to obtain approval from the local conservation authority necessary to construct or operate the 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 more than five (5) years, the Owner shall submit an application for extension at least **twelve (12) months** prior to the end of the five (5) years from the day of issuance of this Approval. The application 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 address of Owner;

    b. change of Owner, including address of 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; or

    d. change of name of the 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.

2. In the event of any change in ownership of the Works, 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 of this Approval.

4. CONSTRUCTION OF PROPOSED WORKS

1. Upon the construction of the Works, the Owner shall prepare a statement, certified by a Licensed Engineering Practitioner, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry personnel.

2. Within **one (1) year** of the construction of the Proposed Works, a set of as-built drawings showing the Works “as constructed” shall be prepared. These drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be retained at the Works for the operational life of the Works.

5. OPERATION AND MAINTENANCE

1. 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, health or flooding hazard to the general public.

2. 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.

3. 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.

4. The Owner shall carry out and maintain an inspection and maintenance program on the operation of the manhole oil/grit separator in accordance with the manufacturer's recommendation.

5. The Owner shall ensure that the manhole for the oil/grit separator remains accessible year-round to facilitate maintenance access and spill response measures.

6. The Owner shall ensure the immediate clean-out of the Works after a fuel or oil spill capture.

7. The Owner shall ensure that equipment and material for the containment, clean-up and disposal of fuel and oil and materials contaminated with such, is on hand and in good repair for immediate use in the event of:

    a. loss of fuel or oil to the Works; or

    b. a spill within the meaning of Part X of the EPA.

8. 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 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.

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

10. 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 Works for inspection by the Ministry. The logbook shall include the following:

    a. the name of the Works;

    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; and

    c. the date of each spill within the catchment area, including follow-up actions and remedial measures undertaken.

11. 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 and maintenance activities required by this Approval.

6. 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.

7. 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. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and Reporting of Discharges) made under the

EPA, the Owner shall, within **fifteen (15) days** of the occurrence of any reportable spill as provided in Part X of the EPA and O. Reg. 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be taken and a schedule of implementation.

8. LIMITED OPERATIONAL FLEXIBILITY

1. The Owner may make modifications to the Works in accordance with the Terms and Conditions of this Approval and subject to the Ministry's "Limited Operational Flexibility Criteria for Modifications to Works", included under **Schedule B** of this Approval, as amended.

2. Works under Limited Operational Flexibility shall adhere to the design guidelines contained within the Ministry's publication "Design Guidelines for Sewage Works 2008", as amended.

3. The Owner shall ensure at all times, that the Works, related equipment and appurtenances which are installed or used to achieve compliance are operated in accordance with all Terms and Conditions of this Approval.

4. For greater certainty, the following are **not** permitted as part of Limited Operational Flexibility:

    a. Modifications to the Works that result in an increase of the approved capacity of the Works;

    b. Modifications to the Works that may adversely affect the approved effluent quality criteria or the location of the discharge/outfall;

    c. Modifications to the treatment process technology of the Works, or modifications that involve construction of new reactors (tanks) or alter the treatment train process design;

    d. Modifications to the Works approved under s.9 of the EPA, and

    e. Modifications to the Works pursuant to an order issued by the Ministry.

5. Implementation of Limited Operational Flexibility is not intended to be used for piecemeal measures that result in major alterations or expansions.

6. If the implementation of Limited Operational Flexibility requires changes to be made to the Emergency Response, Spill Reporting and Contingency Plan, the Owner shall, provide a revised copy of this plan to the local fire services authority prior to implementing Limited Operational Flexibility.

7. For greater certainty, any modification made under the Limited Operational Flexibility may only be carried out after other legal obligations have been complied with, including those arising from the Environmental Protection Act, Niagara Escarpment Planning and Development Act, Oak Ridges Moraine Conservation Act, Lake Simcoe Protection Act and Greenbelt Act.

8. At least **thirty (30) day**s prior to implementing Limited Operational Flexibility, the Owner shall complete a Notice of Modifications describing any proposed modifications to the Works and submit it to the District Manager.

9. The Owner shall not proceed with implementation of Limited Operational Flexibility until the District Manager has provided written acceptance of the Notice of Modifications or a minimum of **thirty (30) days** have passed since the day the District Manager acknowledged the receipt of the Notice of Modifications.

9. SPILL CONTINGENCY PLAN

1. No later than **four (4) weeks** prior to commencement of operation of the Proposed Works, the Owner shall implement a spill contingency plan - that is a set of procedures describing how to mitigate the impacts of a spill within the area serviced by the Works. The Owner shall, upon request, make this plan available to Ministry staff. This plan shall include as a minimum:

    a. the name, job title and location (address) of the Owner, person in charge, management or person(s) in control of the facility;

    b. the name, job title and 24-hour telephone number of the person(s) responsible for activating the spill contingency plan;

    c. a site plan drawn to scale showing the facility, nearby buildings, streets, catch-basins and manholes, drainage patterns (including direction(s) of flow in storm sewers), any receiving body(ies) of water that could potentially be significantly impacted by a spill and any features which need to be taken into account in terms of potential impacts on access and response (including physical obstructions and location of response and clean-up equipment);

    d. steps to be taken to report, contain, clean up and dispose of contaminants following a spill;

    e. a listing of telephone numbers for: local clean-up company(ies) who may be called upon to assist in responding to spills; local emergency responders including health institution(s); and Ministry Spills Action Centre 1-800-268-6060;

    f. Safety Data Sheets (SDS) for each hazardous material which may be transported or stored within the area serviced by the Works;

g. the means (internal corporate procedures) by which the spill contingency plan is activated;

h. a description of the spill response training provided to employees assigned to work in the area serviced by the Works, the date(s) on which the training was provided and by whom;

i. an inventory of response and clean-up equipment available to implement the spill contingency plan, location and, date of maintenance/replacement if warranted; and

j. the date on which the contingency plan was prepared and subsequently, amended.

2. The spill contingency plan shall be kept in a conspicuous, readily accessible location on-site.

3. The spill contingency plan shall be amended from time to time as required by changes in the operation of the facility.

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 1.4 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 to ensure that the Works are constructed in accordance with the approval and that record drawings of the Works “as constructed” are maintained for future references.

5. Condition 5 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.

6. Condition 6 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.

7. Condition 7 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.

8. Condition 8 is included to ensure that the Works are operated in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider. These Conditions are also included to ensure that a Professional Engineer has reviewed the proposed modifications and attests that the modifications are in line with that of Limited Operational Flexibility, and provide assurance that the proposed modifications comply with the Ministry's requirements stipulated in the Terms and Conditions of this Approval, Ministry’s policies, guidelines, and industry engineering standards and best management practices.

9. Condition 9 is included to ensure that the Owner will implement the Spill Contingency Plan, such that the environment is protected and deterioration, loss, injury or damage to any person(s) or property is prevented.

Schedule A

1. Environmental Compliance Approval Application for Industrial Sewage Works submitted by Arcadis Professional Services (Canada) Inc., dated January 29, 2025, and signed by Honda Canada Inc., and all supporting documentation and information.

2. Application for Environmental Compliance Approval submitted by Honda Canada Inc. dated March 24, 2014 and drawings and design specifications prepared by Honda of Canada Manufacturing, Alliston, Ontario.

3. Application for Approval of Industrial Sewage Works submitted by Ian MacRae of Honda of Canada Manufacturing Inc. dated January 30, 2007; a report titled "Drainage and Stormwater Management Technical Summary Report" dated January 2007 prepared by Giffels Associates Ltd.; and All supporting plans and contract drawings.

Schedule B

Limited Operational Flexibility Criteria for Modifications to Works

1. The modifications to Works approved under an Environmental Compliance Approval (Approval) that are permitted under the Limited Operational Flexibility (LOF), are outlined below and are subject to the LOF conditions in the Approval and require the submission of the Notice of Modifications. If there is a conflict between the Works listed below and the Terms and Conditions in the Approval, the Terms and Conditions in the Approval shall take precedence.

    1. Sewage Pumping Stations

        a) Alter pumping capacity by adding or replacing equipment where new equipment is located within an existing sewage treatment plant site or an existing sewage pumping station site, provided that the modifications do not result in an increase of the sewage treatment plant Rated Capacity and the existing flow process and/or treatment train are maintained, as applicable.

        b) Forcemain relining and replacement with similar pipe size where the nominal diameter is not greater than 1,200 mm.

    2. Sewage Treatment Process

        a) Installing additional chemical dosage equipment including replacing with alternative chemicals for pH adjustment or coagulants (non-toxic polymers) provided that there are no modifications of treatment processes or other modifications that may alter the intent of operations and may have negative impacts on the effluent quantity and quality.

        b) Expanding the buffer zone between a sanitary sewage lagoon facility or land treatment area and adjacent uses provided that the buffer zone is entirely on the proponent’s land.

        c) Optimizing existing sanitary sewage lagoons with the purpose to increase efficiency of treatment operations provided that existing sewage treatment plant rated capacity is not exceeded and where no land acquisition is required.

        d) Optimizing existing sewage treatment plant equipment with the purpose to increase the efficiency of the existing treatment operations, provided that there are no modifications to the Works that result in an increase of the approved rated capacity and may have adverse effects to the effluent quality or location of the discharge.

        e) Replacement, refurbishment of previously approved equipment in whole or

in part with Equivalent Equipment, like-for-like of different make and model, provided that the firm capacity, reliability, performance standard, level of quality and redundancy of the group of equipment is kept the same or exceeded. For clarity purposes, the following equipment can be considered under this provision: pumps, screens, grit separators, blowers, aeration equipment, sludge thickeners, dewatering equipment, UV systems, chlorine contact equipment, bio-disks, and sludge digester systems.

3. Sewage Treatment Plant Outfall

    a) Replacement of discharge pipe with similar pipe size or diffusers provided that the outfall location is not changed.

4. Sanitary Sewers

    a) Pipe relining and replacement with similar pipe size within the Sewage Treatment Plant site, where the nominal diameter is not greater than 1,200 mm.

5. Pilot Systems

    a) Installation of pilot systems for new or existing technologies provided that:

        i. any effluent from the pilot system is discharged to the inlet of the sewage treatment plant or hauled off-site for proper disposal,

        ii. any effluent from the pilot system discharged to the inlet of the sewage treatment plant or sewage conveyance system does not significantly alter the composition/concentration of the influent sewage to be treated in the downstream process; and that it does not add any inhibiting substances to the downstream process, and

        iii. the pilot system's duration does not exceed a maximum of two years; and a report with results is submitted to the Director and District Manager three months after completion of the pilot project.

2. Works that are exempt from section 53 of the OWRA by Ontario Regulation 525/98 continue to be exempt and are not required to follow the notification process under this Limited Operational Flexibility.

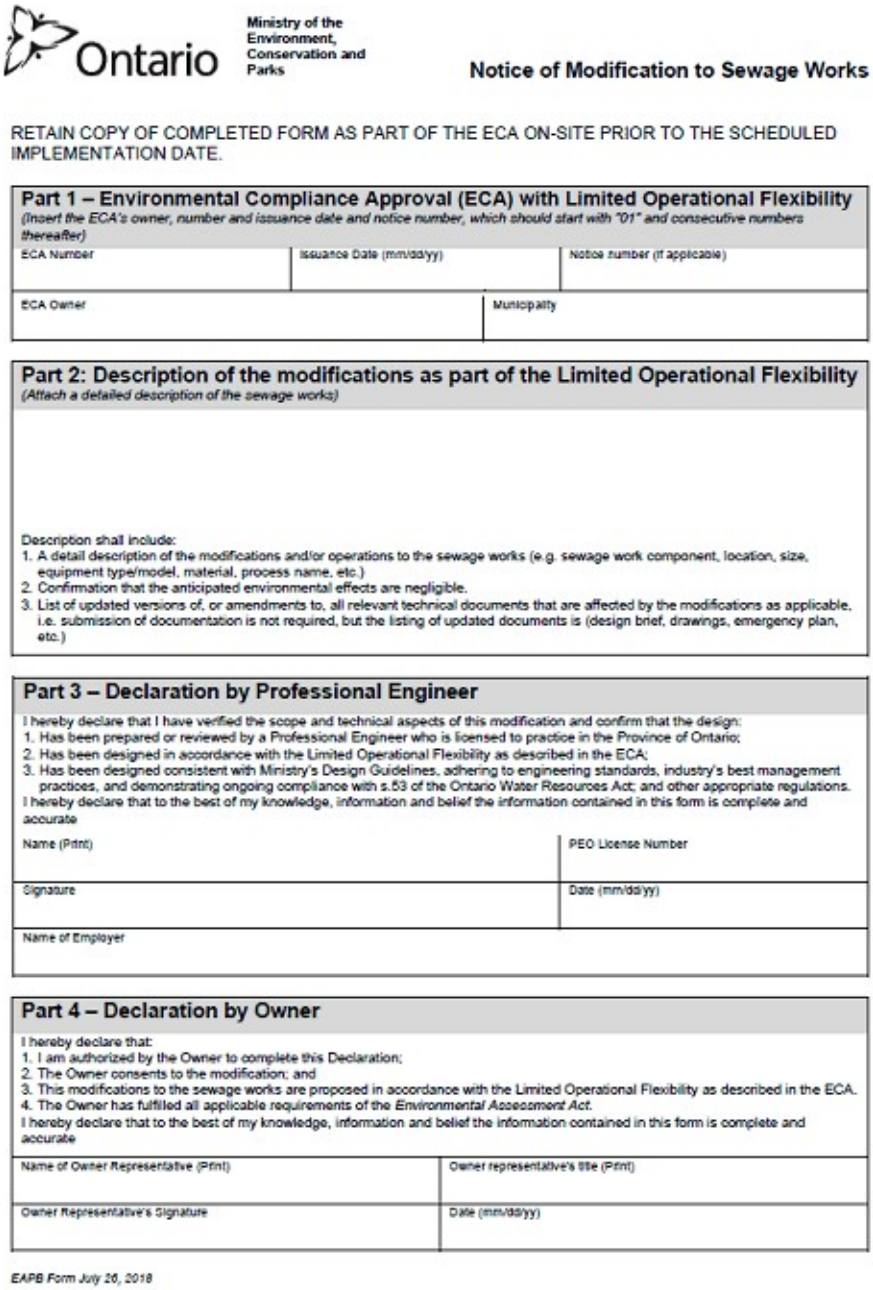
3. Normal or emergency operational modifications, such as repairs, reconstructions, or other improvements that are part of maintenance activities, including cleaning, renovations to existing approved Works equipment, provided that the modification is made with Equivalent Equipment, are considered pre-approved.

4. The modifications noted in section 3 above are **not** required to follow the notification

protocols under Limited Operational Flexibility, provided that the number of pieces and description of the equipment as described in the Approval does not change.

This page contains an image of the Form entitled “Notice of Modification to Sewage Works”.

Note: A digital copy can be obtained from the District Manager.



Ontario

Ministry of the Environment, Conservation and Parks

Notice of Modification to Sewage Works

RETAIN COPY OF COMPLETED FORM AS PART OF THE ECA ON-SITE PRIOR TO THE SCHEDULED IMPLEMENTATION DATE.

Part 1 – Environmental Compliance Approval (ECA) with Limited Operational Flexibility

(Insert the ECA's owner, number and issuance date and notice number, which should start with "01" and consecutive numbers thereafter)

ECA Number	Issuance Date (mm/dd/yy)	Notice number (if applicable)

ECA Owner	Municipality

Part 2: Description of the modifications as part of the Limited Operational Flexibility

(Attach a detailed description of the sewage works)

Description shall include:
1. A detail description of the modifications and/or operations to the sewage works (e.g. sewage work component, location, size, equipment type/model, material, process name, etc.)
2. Confirmation that the anticipated environmental effects are negligible.
3. List of updated versions of, or amendments to, all relevant technical documents that are affected by the modifications as applicable, i.e. submission of documentation is not required, but the listing of updated documents is (design brief, drawings, emergency plan, etc.)

Part 3 – Declaration by Professional Engineer

I hereby declare that I have verified the scope and technical aspects of this modification and confirm that the design:
1. Has been prepared or reviewed by a Professional Engineer who is licensed to practice in the Province of Ontario;
2. Has been designed in accordance with the Limited Operational Flexibility as described in the ECA;
3. Has been designed consistent with Ministry's Design Guidelines, adhering to engineering standards, industry's best management practices, and demonstrating ongoing compliance with s.53 of the Ontario Water Resources Act; and other appropriate regulations.

I hereby declare that to the best of my knowledge, information and belief the information contained in this form is complete and accurate

Name (Print)	PEO License Number

Signature	Date (mm/dd/yy)

Name of Employer

Part 4 – Declaration by Owner

I hereby declare that:
1. I am authorized by the Owner to complete this Declaration;
2. The Owner consents to the modification; and
3. This modifications to the sewage works are proposed in accordance with the Limited Operational Flexibility as described in the ECA.
4. The Owner has fulfilled all applicable requirements of the *Environmental Assessment Act*.

I hereby declare that to the best of my knowledge, information and belief the information contained in this form is complete and accurate

Name of Owner Representative (Print)	Owner representative's title (Print)

Owner Representative's Signature	Date (mm/dd/yy)

EAPB Form July 26, 2018

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 9695-9MFJVU issued on August 27, 2014.

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 available 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 29th day of April, 2025

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

AA/
c: District Manager, MECP Barrie District Office
Rakesh Pandey, Arcadis Professional Services (Canada) Inc.