

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A-500-1199793476

Version: 1.0

Issue Date: August 24, 2023

Pursuant to section 20.3 of the Environmental Protection Act, Revised Statutes of Ontario (R.S.O.) 1990, c. E. 19 and subject to all other applicable Acts or regulations this Environmental Compliance Approval is issued to:

TOYOTA MOTOR MANUFACTURING CANADA INC

1055 FOUNTAIN STREET NORTH
CAMBRIDGE ONTARIO
N3H5K2

For the following site:

1717 Dundas Street , Woodstock, WOODSTOCK, ONTARIO, CANADA, N4S 0A4

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s) 8046-8YZLKY, issued on September 24, 2014.

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:

An automotive manufacturing facility, consisting of the following processes and support units:

- Stamping;
- Welding;
- Painting;
- Plastics;
- Assembly;

Non-production operations on site include:

- Cross-dock;
- Wastewater Treatment Plant;
- Powerhouse;
- Tank Farm;
- Stormwater Management;
- Waste Management;

including the *Equipment* and any other ancillary and support processes and activities, operating at a *Facility Production Limit* of up to 450,000 fully assembled vehicles per year, exhausting to the air and discharging to the natural environment as

described in this *Approval* and the *Schedules*.

Revocation of Previous Approvals

This *Approval* replaces and revokes all Certificates of Approval (Air) issued under section 9 *EPA* and Environmental Compliance Approvals issued under Part II.1 *EPA* to the *Company* in regard to the activities mentioned in subsection 9(1) of the *EPA* occurring at the *Facility* and dated prior to the date of this *Approval*.

This *Approval* replaces and revokes all Certificates of Approval (Sewage Works) issued under section 53 *OWRA* and Environmental Compliance Approvals issued under Part II.1 *EPA* to the *Company* in regard to the activities mentioned in subsection 53(1) of the *OWRA* occurring at the *Facility* and dated prior to the date of this *Approval*.

This *Approval* replaces and revokes all Certificates of Approval (Waste Management Systems) issued under section 27 *EPA* and Environmental Compliance Approvals issued under Part II.1 *EPA* to the *Company* in regard to the activities mentioned in subsection 27(1) of the *EPA* occurring at the *Facility* and dated prior to the date of this *Approval*.

DEFINITIONS

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

1. "*ACB list*" means the document titled "Air Contaminants Benchmarks (ACB) List: Standards, Guidelines and screening levels for assessing point of impingement concentrations of air contaminants", as mentioned from time to time and published by the *Ministry* and available on a website of the Government of Ontario.
2. "*Acceptable Point of Impingement Concentration*" is initially set out in the *Original ESDM Report* and means a concentration accepted by the *Ministry* as not likely to cause and adverse effect for a *Compound of Concern* that:
 - i. is not identified in the *ACB list*; or
 - ii. is identified in the *ACB list* as belonging to the category "Benchmark 2" and has a concentration at a *Point of Impingement* that exceeds the concentration set out for the contaminant in that document.
3. "*Acoustic Assessment Report*" means the report, prepared by RWDI Air Inc., and dated May 19, 2023, in accordance with *Publication NPC-233* and Appendix A of the *Basic Comprehensive User Guide*, submitted in support of the application, that documents all sources of noise emissions and *Noise Control Measures* present at the *Facility*, as updated in accordance with Condition 4 of this *Approval*.
4. "*Acoustic Assessment Summary Table*" means a table prepared in accordance with the *Basic Comprehensive User Guide* summarizing the results of the *Acoustic Assessment Report*, as updated in accordance with Condition 4 of this *Approval*.
5. "*Annual Modification Summary*" means the report prepared on an annual basis summarizing the records kept in the *Log*, which records any *Modifications* made at the *Facility*.
6. "*Approval*" means this Environmental Compliance Approval including any *Schedules* to it.
7. "*Basic Comprehensive User Guide*" means the *Ministry* document titled "Basic Comprehensive Certificates of Approval (Air) User Guide" dated March 2011, as amended.
8. "*Company*" means Toyota Motor Manufacturing Canada Inc. that is responsible for the construction or operation of the *Facility* and includes any successors and assigns.
9. "*Compound of Concern*" means a contaminant that is described in paragraph 4 subsection 26 (1) of *O. Reg. 419/05*, namely a contaminant that is discharged from the *Facility* in an amount that is not negligible.

10. "*Description Section*" means the section on page 1 of this *Approval* describing the *Company's* operations and the *Equipment* located at the *Facility* and specifying the *Facility Production Limit* for the *Facility*.
11. "*Design and Operation Report*" means the information submitted by the *Company* related to waste management activities to be carried out on-site, contained in Items 1, 6 and 8 in Schedule 1.
12. "*Director*" means a person appointed for the purpose of Part II.1 of the *EPA* by the *Minister* pursuant to section 5 of the *EPA*.
13. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located.
14. "*Emission Summary Table*" means a table described in paragraph 14 of subsection 26 (1) of *O. Reg. 419/05*.
15. "*Environmental Assessment Act*" means the *Environmental Assessment Act*, R.S.O. 1990, c.E.18, as amended.
16. "*Environmental Management System*" means the *Company's* set of processes and practices implemented in a comprehensive, systematic, planned and documented manner, including the organizational structure, planning and resources for developing, implementing and maintaining policy for environmental protection, as certified under *ISO 14001*.
17. "*EPA*" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended.
18. "*Equipment*" means equipment, works or processes described in the *ESDM Report*, *Acoustic Assessment Report*, *Stormwater Management Report*, *Design and Operations Report*, this *Approval* and in the *Schedules* referred to herein and any other equipment or processes.
19. "*ESDM Report*" means the most current Emission Summary and Dispersion Modelling Report that describes the *Facility*. The *ESDM Report* is based on the *Original ESDM Report* and is updated after the issuance of this *Approval* in accordance with section 26 of *O. Reg. 419/05* and the *Procedure Document*.
20. "*Facility*" means the entire operation located on the property where the *Equipment* is located.
21. "*Facility Production Limit*" means the production limit placed by the *Director* on the main product(s) or raw materials used by the *Facility*.
22. "*Highest Ranking Person*" means the highest ranking person regularly present at the *Facility* who has management responsibilities relating to the *Facility*.
23. "*ISO 14001*" means the International Organization Standardization international standard that specifies the requirements for an effective *Environmental Management System*.
24. "*Log*" means the documentation that contains an ongoing record of each change that is required to be made to the *ESDM Report*, *Acoustic Assessment Report*, *Stormwater Management Report* and the *Design and Operations Report* as a result of a *Modification* described in Condition 2 including the date on which the change occurred.

25. "*Minister*" means the Minister of the Environment, Conservation and Parks or such other member of the Executive Council as may be assigned the administration of the *EPA* and *OWRA* under the Executive Council Act.
26. "*Ministry*" means the ministry of the *Minister*.
27. "*Modification*" means any construction, alteration, extension, enlargement or replacement of any plant, structure, equipment, apparatus, mechanism or thing, or alteration of a process or rate of production at the *Facility* that may discharge or alter the rate or manner of discharge of a *Compound of Concern* to the air or discharge, alter noise or vibration emissions, alter the management of stormwater, or alter the management of waste, at or from the *Facility*.
28. "*Noise Control Measures*" means measures to reduce the noise emission from the *Facility* and/or *Equipment* including, but not limited to silencers, acoustic louvers, enclosures, absorptive treatment, plenums and barriers.
29. "*O. Reg. 419/05*" means Ontario Regulation 419/05, Air Pollution - Local Air Quality, as amended.
30. "*Original ESDM Report*" means the Emission Summary and Dispersion Modelling Report which was prepared in accordance with section 26 of *O. Reg. 419/05* and the *Procedure Document* by Toyota Motor Manufacturing Canada Inc. and dated January 18, 2021, submitted in support of the application, and includes any changes to the report made up to the date of issuance of this *Approval*.
31. "*OWRA*" means the *Ontario Water Resources Act*, R.S.O. 1990, c. 040, as amended.
32. "*Point of Impingement*" has the same meaning as in section 2 of *O. Reg. 419/05*.
33. "*Point of Reception*" means Point of Reception as defined by *Publication NPC-300*.
34. "*Procedure Document*" means the Ministry guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated March 2018, as amended.
35. "*Processes with Significant Environmental Aspects*" means the processes, non-production activities and *Equipment* that are identified through implementation of the *Environmental Management System* as being significant sources of emissions to the air or discharging to the natural environment.
36. "*Publication NPC-207*" means the *Ministry* draft technical publication "Impulse Vibration in Residential Buildings", November 1983, supplementing the Model Municipal Noise Control By-Law, Final Report, published by the *Ministry*, August 1978, as amended.
37. "*Publication NPC-233*" means the *Ministry* Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended.
38. "*Publication NPC-300*" means the *Ministry* Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources - Approval and Planning, Publication NPC-300", August 2013, as amended.
39. "*Quarterly Samples*" means samples collected in any such a day within each consecutive three-month period that the time interval between consecutive quarterly samples is not less than 45 days.
40. "*Regulation 347*" means Regulation 347, R.R.O. 1990, General - Waste Management, made under the *EPA*, as amended.

41. "*Schedules*" means the schedules attached to this *Approval* and forming part of this *Approval*.
42. "*Stormwater Management Report*" means the most current Drainage and Stormwater Report that describes the *Facility*. The *Stormwater Management Report* is based on the original report titled Drainage and Stormwater Management Report prepared by Giffels Associates Limited / IBI Group, dated February 2009, including Addendum to the report dated March 16, 2022, and all supporting documentation that describes the engineering design of the *Works*, prepared in accordance with the *Ministry* document "Stormwater Management Planning and Design Manual - March 2003", as amended.
43. "*Subject Waste*" has the same meaning as in *Regulation 347*.
44. "*Thermal Oxidizer*" means the piece of pollution control equipment used for the treatment of exhaust gas using thermal oxidation to destroy contaminants from the exhaust gas.
45. "*Toxicologist*" means a qualified professional currently active in the field of risk assessment and toxicology that has a combination of formal university education, training and experience necessary to assess contaminants.
46. "*Waste Management System*" means the vehicles, equipment and infrastructure used for the transportation, storage and handling of waste.
47. "*Works*" means the works for the collection, transmission, treatment and disposal of stormwater from the site to the Gordon Pittock Reservoir via the Lampman-Lock Drain as outlined in Schedule 4 Sewage Works of this *Approval*.

TERMS AND CONDITIONS

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

1. GENERAL

1. Except as otherwise provided by this *Approval*, the *Facility* shall be designed, developed, built, operated and maintained in accordance with the terms and conditions of this *Approval* and in accordance with the following *Schedules* attached hereto:
 - Schedule 1 - Supporting Documentation
 - Schedule 2 - Air Emissions
 - Schedule 3 - Thermal Oxidizers Temperature Monitoring
 - Schedule 4 - Sewage Works
 - Schedule 5 - Waste Management

2. OPERATIONAL FLEXIBILITY

1. Pursuant to section 20.6 (1) of the *EPA* and subject to Conditions 2.2 and 2.3 of this *Approval*, future construction, alterations, extensions, enlargement or replacements are approved in this *Approval* if the future construction, alterations, extensions, enlargement or replacements are *Modifications* to the *Facility* that:
 - a. are within the scope of the operations of the *Facility* as described in the *Description Section* of this *Approval*;

- b. do not result in an increase of the *Facility Production Limit* above the level specified in the *Description Section* of this *Approval*;
- c. result in compliance with the performance limits as specified in Condition 3;
- d. do not result in an increase of drainage area serviced by the *Works*;
- e. do not negatively impact the quality of water collected by the *Works*;
- f. do not negatively affect the approved effluent quality or the location of the discharge/outfall.
- g. adhere to the design guidelines contained within the Ministry's publication "Stormwater Management Planning and Design Manual — March 2003", as amended; and
- h. do not include the processing of *Subject Waste*, or the management of additional *Subject Waste*.
 - 2. Condition 2.1 does not apply to:
 - a. any *Equipment* related to the thermal oxidation of waste or waste derived fuels (as defined in *Regulation 347*);
 - b. *Modifications* to the *Facility* that would be subject to the *Environmental Assessment Act*; and
 - c. *Modifications* that include the processing of *Subject Waste*, the management of additional *Subject Waste*, the management of putrescible waste, or the management of wastes generated from activities other than automotive vehicle parts handling and facility maintenance.
 - 3. Condition 2.1 of this *Approval* shall expire ten (10) years from the date of this *Approval*, unless this *Approval* is revoked prior to the expiry date, in which case it expires on the revocation date.

3. PERFORMANCE LIMITS

1. Subject to Condition 3.2, the *Company* shall not discharge or cause or permit the discharge of a *Compound of Concern* into the air if:
 - a. the *Compound of Concern* is identified in the *ACB list* as belonging to the category "Benchmark 1" and the discharge results in the concentration at a *Point of Impingement* exceeding the Benchmark 1 concentration; or
 - b. the *Compound of Concern* is not identified in the *ACB list* as belonging to the category "Benchmark 1" and the discharge results in the concentration at a *Point of Impingement* exceeding the higher of;
 - i. if an *Acceptable Point of Impingement Concentration* exists, the most recent *Acceptable Point of Impingement Concentration*; and
 - ii. the concentration set out for the contaminant in the *ACB list*, if the contaminant is identified in that document.
2. Condition 3.1 does not apply if the benchmark set out in the *ACB list* has a 10-minute averaging period and no ambient monitor indicates an exceedance at a *Point of Impingement* where human activities regularly occur at a time when those activities regularly occur.
3. The *Company* shall ensure that any *Equipment* that is specifically referenced in the *Ministry* document Guideline A-9, NOx Emissions from Boilers and Heaters, dated March 2001, as amended, meets all requirements in the *Ministry* document.
4. The *Company* shall operate each of the *Thermal Oxidizers* in such a manner that;
 - a. the combustion chamber is preheated to the minimum temperature as per the manufacturers'

- requirements or as determined by a person currently active in the field of pollution control, who has a combination of formal education, training and experience necessary to assess the air emissions and pollution controls at the *Facility*, as measured by the continuous monitoring and recording system, prior to introducing the solvent laden process exhaust gases;
- b. the temperature in the combustion chamber is maintained at the minimum required temperature as per the manufacturers' requirements or as determined by a person currently active in the field of pollution control, who has a combination of formal education, training and experience necessary to assess the air emissions and pollution controls at the *Facility*, as measured by the continuous monitoring and recording system, at all times, when the *Thermal Oxidizers* are treating solvent laden process exhaust gases;
 - c. no substances containing chlorinated and/or fluorinated compounds, are burned in the *Thermal Oxidizers*;
 - d. the concentration of the organic matter in the undiluted exhaust gases leaving the *Thermal Oxidizers*, having a carbon content, expressed as equivalent methane, being an average of ten measurements taken at approximately one-minute intervals, shall not be greater than 100 parts per million by volume; and
 - e. the *Company* shall install, conduct and maintain a program to continuously monitor the temperature in the combustion chamber, when the *Thermal Oxidizers* are in operation; the continuous monitoring system shall be equipped with continuous recording devices and shall comply with the requirements in Schedule 3 - Thermal Oxidizers Temperature Monitoring of this *Approval*.

5. The *Company* shall

- a. at all times, ensure that the noise emissions from the *Facility* comply with the noise limits set out in *Publication NPC-300*; and
- b. restrict the on-site vehicular movements as outlined in the Acoustic Assessment Report.

6. The *Company* shall, at all times, ensure that the vibration emissions from the *Facility* comply with the limits set out in *Publication NPC-207*.

7. The *Company* shall ensure the *Works* are operated and maintained in accordance with the *Stormwater Management Report* and Schedule 4 — Sewage Works in this *Approval*.

8. The *Company* shall ensure all waste is managed in accordance with Schedule 5 — Waste Management in this *Approval*.

4. DOCUMENTATION REQUIREMENTS

- 1. The *Company* shall maintain an up-to-date *Log*.
- 2. No later than March 31 in each year, the *Company* shall update the *ESDM Report* in accordance with section 26 of *O. Reg. 419/05* so that the information in the report is accurate as of December 31 in the previous year.
- 3. No later than March 31 in each year, the *Company* shall update the *Acoustic Assessment Report* so that the information in the report is accurate as of December 31 in the previous year.
- 4. The *Company* shall make the *Emission Summary Table* (see section 27 of *O. Reg. 419/05*), and the *Acoustic Assessment Summary Table*, available for examination by any person, without charge, by posting it on the Internet or by making it available during regular business hours at the *Facility*.
- 5. The *Company* shall maintain up-to-date records of the results of the inspections required by Schedule 4 - Sewage Works and any cleaning and maintenance operations undertaken on the *Works* and shall keep the records at the operational headquarters of the *Company*. The records 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 material removed; and
 - c. the date of each reportable spill at the *Facility*, including follow-up actions/remedial measures undertaken.
6. The *Company* shall, within three (3) months after the expiry of Condition 2.1 of this *Approval*, update the *ESDM Report*, the *Acoustic Assessment Report*, the *Stormwater Management Report*, and the *Design and Operation Report* such that the information in the reports is accurate as of the date that Condition 2.1 of this *Approval* expired.

5. REPORTING REQUIREMENTS

- 1. Subject to Condition 5.2, the *Company* shall prepare and make available to the *Ministry* upon request, no later than June 30 of each year, an *Annual Modification Summary*, signed by the *Highest Ranking Person*, that shall include the following:
 - a. a declaration of whether the *Facility* was in compliance with sections 9 and 27 of the *EPA, O. Reg. 419/05*, section 53 of the *OWRA*, and the conditions of this *Approval*.
 - b. a declaration that each *Modification* that took place in the previous calendar year that resulted in a change in the previously calculated concentration at a *Point of Impingement* for any *Compound of Concern* or resulted in a change in the sound levels reported in the *Acoustic Assessment Summary Table* at any *Point of Reception* satisfies Condition 2.1 and a summary of each such *Modification*.
 - c. a declaration that each *Modification* that took place in the previous calendar year that resulted in a change in the *Works* satisfies Condition 2.1 and a summary of each such *Modification*.
 - d. a summary of all monitoring data as collected for the previous calendar year, in accordance with Schedule 4 – Sewage Works
 - e. a declaration that *each Modification* that took place in the previous calendar year that resulted in a change in the *Waste Management System* satisfies Condition 2.1 and a summary of each such *Modification*.
- 2. Condition 5.1 does not apply if Condition 2.1 has expired.
- 3. If the implementation of the *Modification* requires changes to be made to the Emergency Response, Spill Reporting and Contingency Plan, the *Company* shall, if required, provide a revised copy of these plans to the local fire services authority, prior to implementing the *Modification*.

6. OPERATING PROCEDURES AND MAINTENANCE PROGRAMS

- 1. The *Company* shall, not later than three (3) months after the date of this *Approval*, implement operating procedures and maintenance programs in accordance with the *Environmental Management System*.
- 2. The *Environmental Management System* shall, for all *Processes with Significant Environmental Aspects*, specify as a minimum:
 - a. frequency of inspections and scheduled preventative maintenance;
 - b. procedures to prevent upset conditions;
 - c. procedures to assess and, if required, minimize all fugitive emissions;
 - d. procedures to prevent and/or minimize odorous emissions;
 - e. procedures to prevent and/or minimize noise emissions;
 - f. procedures to prevent and/or minimize spills, leaks or spillage;

- g. procedures for record keeping activities relating to the operation and maintenance programs;
 - h. procedures to ensure proper operation and maintenance of the *Works* and to prevent and/or minimize spills, leaks or spillage; and
 - i. procedures for recording proper operation of the *Waste Management System* and the waste handling practices.
3. The *Company* shall ensure that all *Processes with Significant Environmental Aspects*, are operated and maintained in accordance with this *Approval*, the operating procedures and maintenance programs.

7. COMPLAINTS RECORDING AND REPORTING

1. If at any time, the *Company* receives an environmental complaint from the public regarding the operation of the *Equipment* approved by this *Approval*, the *Company* shall take the following steps:
 - a. Record and number each complaint, either electronically or in a log book. The record shall include the following information: the time and date of the complaint and incident to which the complaint relates, the nature of the complaint, wind direction at the time and date of the incident to which the complaint relates and, if known, the address of the complainant.
 - b. Notify the *District Manager* of the complaint within ten (10) business days after the complaint is received, or in a manner acceptable to the *District Manager*.
 - c. Initiate appropriate steps to determine all possible causes of the complaint, and take the necessary actions to appropriately deal with the cause of the subject matter of the complaint.
 - d. Complete and retain on-site a report written within ten (10) business days of the complaint date. The report shall list the actions taken to appropriately deal with the cause of the complaint and set out steps to be taken to avoid the recurrence of similar incidents.

8. RECORD KEEPING REQUIREMENTS

1. Any information requested by any employee or agent of the *Ministry* concerning the *Facility* and its operation under this *Approval*, including, but not limited to, any records required to be kept by this *Approval*, shall be provided to the employee or agent of the *Ministry*, upon request, in a timely manner.
2. Unless otherwise specified in this *Approval*, the *Company* shall retain, for a minimum of ten (10) years from the date of their creation all reports, records and information described in this *Approval*, including:
 - a. a copy of the *Original ESDM Report* and each updated version;
 - b. a copy of each version of the *Acoustic Assessment Report*;
 - c. a copy of each version of the *Stormwater Management Report*;
 - d. a copy of each version of the *Design and Operation Report*;
 - e. supporting information used in the emission rate calculations performed in the *ESDM Reports*, *Acoustic Assessment Reports* and the *Design and Operation Reports*;
 - f. a report prepared annually that keeps records of: any shipments of waste received at the *Facility*, including the type and amount of waste received; any shipments of off-site generated waste from the *Facility*, including the type and amount of waste being shipped and the destination of the waste (for clarity, when the shipment includes mixed waste described in Section E3 below, the record shall indicate that the shipment includes mixed waste and the amount shall be recorded as the weight and/or volume of the entire mixed load); any complaints regarding transportation or storage of off-site generated waste, including a description of the complaint and the actions taken to resolve the complaint; and details of any spills of off-site generated waste during of transportation or storage, including a description of the spill

- and the actions taken to address the spill and/or a copy of any incident report generated by the waste carrier;
- g. the records in the *Log*;
 - h. copies of each *Annual Modification Summary* prepared under Condition 5.1 of this *Approval*; and
 - i. all records related to environmental complaints made by the public as required by Condition 7 of this *Approval*.
3. Unless otherwise specified in this *Approval*, the *Company* shall retain, for a minimum of three (3) years from the date of their creation all reports, records and information described in this *Approval*, including:
- a. records of maintenance, repair and inspection of *Equipment* related to all *Processes with Significant Environmental Aspects, Works and Waste Management*; and
 - b. a copy of each version of the spill procedures.

REASONS

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

1. Condition 1 is included to require the *Approval* holder to build, operate and maintain the *Facility* in accordance with the supporting documentation in Schedule 1 - Supporting Documentation considered by the *Director* in issuing this *Approval*.
2. Conditions 2 and 3 are included to define the *Modifications* permitted by this *Approval*. The holder of the *Approval* is approved for operational flexibility for the *Facility* that is consistent with the description of the operations included with the application up to the *Facility Production Limit*. In return for the operational flexibility, the *Approval* places performance-based limits that cannot be exceeded under the terms of this *Approval*. *Approval* holders will still have to obtain other relevant approvals required to operate the *Facility*.
3. Condition 4 is included to require the *Company* to maintain ongoing documentation that demonstrates compliance with the performance limits as specified in Condition 3 of this *Approval* and allows the *Ministry* to monitor on-going compliance with these performance limits.
4. Condition 5 is included to require the *Company* to prepare a yearly *Annual Modification Summary*, to assist the *Ministry* with the review of compliance with the *EPA, OWRA*, the regulations made under those statutes and this *Approval*.
5. Condition 6 is included to require the *Company* to properly operate and maintain the *Processes with Significant Environmental Aspects* to minimize the impact to the environment from these processes.
6. Condition 7 is included to require the *Company* to respond to any environmental complaints regarding the operation of the *Equipment*, according to a procedure that includes methods for preventing recurrence of similar incidents and a requirement to prepare and retain a written report.
7. Condition 8 is included to require the *Company* to retain all documentation related to this *Approval* and provide access to employees in or agents of the *Ministry*, upon request, so that the *Ministry* can determine if a more detailed review of compliance with the performance limits as specified in Condition 3 of this *Approval* is necessary.

APPEAL PROVISIONS

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me and the Ontario Land Tribunal, within 15 days after the service of this notice, require a hearing by the Tribunal. You must also provide notice to, the Minister of the Environment, Conservation and Parks in accordance with Section 47 of the *Environmental Bill of Rights, 1993* who 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:

- I. 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;
- II. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

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

The Notice should also include:

- I. The name of the appellant;
- II. The address of the appellant;
- III. The environmental compliance approval number;
- IV. The date of the environmental compliance approval;
- V. The name of the Director, and;
- VI. 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 <i>Environmental Protection Act</i> Ministry of the Environment, Conservation and Parks 135 St. Clair Avenue West, 1st Floor Toronto, Ontario M4V 1P5
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*** 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 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 24th day of August, 2023



Nancy Orpana

Director

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

c: Allison Robson, Allison

Miye Cox, TOYOTA MOTOR MANUFACTURING CANADA INC

The following schedules are a part of this environmental compliance approval:

SCHEDULE 1

Supporting Documentation

1. Environmental Compliance Approval Application, dated December 6, 2022, certified by Miye Cox of Toyota Motor Manufacturing Canada, Inc..
2. Emission Summary and Dispersion Modelling Report, prepared by Toyota Motor Manufacturing Canada, Inc. and dated January 18, 2021.
3. Letter dated January 29, 2023, and signed by Miye Cox of Toyota Motor Manufacturing Canada, Inc. confirming no changes to the Emission Summary and Dispersion Modelling Report, prepared by Toyota Motor Manufacturing Canada, Inc. and dated January 18, 2021.
4. Guidance Document for Determination of Significant Sources in an Automotive Assembly Facility, prepared by the Auto Manufacturers in Ontario with the Support of the CVMA, revised draft dated June 2007.
5. Acoustic Assessment Report, prepared by Slavi Grovez of RWDI AIR Inc. and dated May 19, 2023.
6. Email dated April 5, 2023, from Allison Robson, Toyota Motor Manufacturing Canada, to Andrew Neill, P.Eng., MECP, with information on the types of waste to be received at the site, waste handling and waste storage.
7. Drainage and Stormwater Management Report prepared by Giffels Associates Limited/IBI Group, dated February 2009, including Addendum to the report dated March 16, 2022, and all supporting documentation.
8. Email dated June 9, 2023, from Allison Robson, Toyota Motor Manufacturing Canada, to Andrew Neill, P.Eng., MECP, with information on waste storage and biomedical waste receipt.
9. Email dated July 28, 2023, from Allison Robson, Toyota Motor Manufacturing Canada, to Andrew Neill, P.Eng., MECP, with information on the Oil Stores area.

SCHEDULE 2

Air Emissions

1 MODIFICATION TO POINT OF IMPINGEMENT

1. Prior to making a *Modification* to the *Facility* that affects the discharge of a *Compound of Concern* to the air, the *Company* shall prepare a proposed update to the *ESDM Report* to reflect the proposed *Modification*.

2. The *Company* shall request approval of an *Acceptable Point of Impingement Concentration* for a *Compound of Concern* if the *Compound of Concern* is not identified in the *ACB list* as belonging to the category "Benchmark 1" and a proposed update to an *ESDM Report* indicates that one of the following changes with respect to the concentration of the *Compound of Concern* may occur:

a. The *Compound of Concern* was not a *Compound of Concern* in the previous version of the *ESDM Report*; and

i. the concentration of the *Compound of Concern* exceeds the concentration set out for the contaminant in the *ACB list*; or

ii. the *Compound of Concern* is not identified in the *ACB list*; or

b. The concentration of the *Compound of Concern* in the updated *ESDM Report* exceeds the higher of;

i. the most recent *Acceptable Point of Impingement Concentration*; and

ii. the concentration set out for the contaminant in the *ACB list*, if the contaminant is identified in that document.

3. The request required by Condition 1.2 shall propose a concentration for the *Compound of Concern* and shall contain an assessment, performed by a *Toxicologist*, of the likelihood of the proposed concentration causing an adverse effect at *Points of Impingement*.

4. The *Company* shall submit a request required by Condition 1.2, in writing, to the *Director* at least 30 days prior to commencing to make the *Modification*. The *Director* shall provide written confirmation of receipt of this request to the *Company*.

5. If a request is required to be made under Condition 1.2 in respect of a proposed *Modification* described in Condition 1.1, the *Company* shall not make the *Modification* mentioned in Condition 1.1 unless the request is approved in writing by the *Director*.

6. If the *Director* notifies the *Company* in writing that the *Director* does not approve the request, the *Company* shall,

a. revise and resubmit the request; or

b. notify the *Director* that it will not be making the *Modification*.

7. The re-submission mentioned in Condition 1.6 shall be deemed a new submission under Condition 1.2.

8. If the *Director* approves the request, the *Company* shall update the *ESDM Report* to reflect the *Modification*

9. Condition 1 does not apply if Condition 2.1 has expired.

SCHEDULE 3

Thermal Oxidizers Temperature Monitoring

PARAMETER:

Temperature

LOCATION:

The continuous temperature monitor shall be installed at an accessible location where the measurements are representative of the actual operating temperatures of the *Thermal Oxidizers* and are used to verify compliance with this *Approval*.

PERFORMANCE:

The continuous temperature monitor shall meet the following minimum performance specifications for the following parameters.

PARAMETERS	SPECIFICATION
	Thermal Oxidizer
1. Type:	shielded "K" type thermocouple, or equivalent
2. Accuracy:	plus/minus 1.5 percent of the minimum gas temperature

DATA RECORDER:

The data recorder must be capable of registering continuously the measurement of the monitor without a significant loss of accuracy and with a time resolution of 1 minutes or better.

RELIABILITY:

The monitor shall be operated and maintained so that accurate data is obtained during a minimum of 95 percent of the production running time for each calendar quarter.

SCHEDULE 4

Sewage Works

1 APPROVED WORKS

Sewage works for the collection, transmission, treatment and discharge of storm water runoff from the Woodstock Site (A-C), and the collection and transmission of storm water runoff from drainage areas external to the Site (D-E), with discharge to the Gordon Pittock Reservoir via Lampman-Lock Drain, including:

1. a **stormwater detention pond** (*Extended Detention Wet Pond*) in the north-west corner of the Site, with:
 - a Sediment Forebay and main pond,
 - a Hickenbottom drain outflow control structure discharging to the Lampman-Lock Drain,
 - a concrete manhole with stainless steel sluice gate (normally open),
 - a Gabion Basket weir structure, and
 - a Gabion Basket lined overflow spillway;
2. an **open channel** (*West Internal Draining Channel*), connected by culverts, collecting storm runoff from paved areas, roofs and lands located to the south-west, west and north-west of the Assembly Plant Building, outletting to the Wet Pond;
3. an **open channel** (*East Internal Draining Channel*), connected by culverts, collecting storm runoff from paved areas, roofs and lands located to the east and north of the Assembly Plant Building and south of the railway line, outletting to the Wet Pond;
4. a **drainage bypass channel** (*East Perimeter Bypass Drainage Channel*) consisting of a combination of an open ditch system, culverts and storm sewer pipe running along the north-east Site perimeter, then turning west to discharge to the Lock Drain which becomes the Lampman-Lock Drain;
5. a **drainage bypass channel** (*West Perimeter Bypass Channel*) consisting of a combination of an open ditch system, culverts and storm sewer pipe running along the south and west perimeters of the Woodstock Site, to discharge into the Lampman-Lock Drain downstream of the Wet Pond discharge location;

in addition to other erosion/sedimentation control measures during construction and all other controls, auxiliaries, instrumentation, piping, valves and appurtenances essential for the proper operation of the aforementioned *Works*.

All in accordance with the submitted supporting documents listed in Schedule 1 - Supporting Documentation.

2 WORKS OPERATION AND MAINTENANCE

1. The *Company* shall ensure that any person authorized to carry out work on or operate any aspect of the *Works* is notified of this *Approval* and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

2. The *Company* shall inspect the *Works* at least once a year and, if necessary, clean and maintain the *Works* to prevent the excessive build-up of sediments and/or vegetation.

3. The *Company* shall ensure the immediate clean-out of the *Works* after a fuel or oil spill capture.
4. The *Company* 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*.
5. Should there be any reason to believe that, as a result of a spill or leak, or equipment failure (e.g., a gate valve or monitoring service), any spilled material or contaminated storm run-off has left the storm sewer system or the storm detention pond directly, the *Company* shall close the Hickenbottom on the outflow from the storm detention pond, notify the *District Manager*, and undertake appropriate analysis and remedial action without delay. Discharge from the storm detention pond, following such an emergency situation shall not be resumed until the *District Manager* has been satisfied that appropriate remedial action has been taken.

3 WORKS MONITORING

1. The *Company* shall perform monitoring of the *Works* as follows:
 - a. At least one (1) grab sample of the storm water wet pond effluent shall be collected quarterly. Sampling shall be conducted during dry weather flow so that only the facility's contribution to the storm discharge is assessed. If there is no dry weather flow, the company shall document the flow conditions and not collect any samples.
 - b. The sample collected per Condition 3. 1.a. shall be analyzed for the following parameters:
 - i. Total Organic carbon (TOC); Total Kjeldahl Nitrogen; Total Phosphorus; Total Suspended Solids; Oil and Grease; Hydrogen ion (pH); Total Metals (ATG 9) and Escherichia coli (E. coli)
 - c. The methods and protocols for sampling, analysis, and recording shall conform, in order of precedence, to the methods and protocols specified in the following:
 - i. the Ministry's publication "Protocol for Sampling and Analysis of Industrial/Municipal Wastewater" (August 1994), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions, and;
 - ii. the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition) as amended from time to time by more recently published editions;

4 SPILL PROCEDURES

1. The *Company* shall review and implement spill procedures in Accordance with the *Environmental Management System*.
2. The *Environmental Management System* shall include a set of procedures describing how to mitigate the impacts of a spill at the *Facility* and within the area serviced by the *Works* and the *Waste Management System* and shall, as a minimum, include the following:
 - a. the name, job title and location (address) of the *Company*, 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 procedures;
 - c. a site plan drawn to scale showing the *Facility*, nearby buildings, streets, catch basins & 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. access to Safety Data Sheets for each hazardous material which may be transported or stored within the area serviced by the *Works* or at the *Facility*;
- g. the means (internal corporate procedures) by which the spill procedures are activated;
- h. a description of the spill response training provided to employees assigned to work in the area serviced by the *Works*, or those are engaged with the *Waste Management System* 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 procedures, location and, date of maintenance/replacement if warranted; and the date on which the spill procedures were prepared and the date of each subsequent amendment
- j. the date on which the spill procedures were prepared and the date of each subsequent amendment.

3. The *Environmental Management System* spill procedures shall be readily accessible on-site.

4. The *Environmental Management System* spill procedures shall be amended to reflect any *Modifications* to the *Works*, *Waste Management System* or the *Facility*.

SCHEDULE 5

Waste Management

Approved Waste Management Activities

I GENERAL

1. Approval is hereby granted for the following waste management activities, subject to the Conditions set out in this *Approval*:

- a. the transportation of waste from automotive manufacturing facilities that are located in the province of Ontario and owned by the *Company*, to the *Company's* TMMC Woodstock facility located at 1717 Dundas Street, Box 400, Woodstock, Ontario, N4S 0A4 (the "*Facility*");
- b. the storage of this waste at the *Facility*; and
- c. the processing of this waste at the *Facility*, limited as per the Conditions set out in this *Approval*.

2. No wastes other than the following shall be transported, stored or processed pursuant to this *Approval*:

- a. solid non-hazardous waste generated through manufacturing and facility maintenance activities taking place at automotive manufacturing facilities that are located in the province of Ontario and owned by the *Company*, including general wastes, food wastes, yard wastes, recyclable materials, wood pallets, tires, and waste electrical and electronic equipment that has not been disassembled.
- b. *Subject Waste* generated at automotive manufacturing facilities that are located in the province of Ontario and owned by the *Company*, limited to the following:

1.
 - i. Non-hazardous liquid industrial wastes having Waste Class No. 252 (oils);
 - ii. Hazardous wastes that are ignitable having Waste Class Nos. 145 (paints), 331 (compressed gas);
 - iii. Biomedical waste having Waste Class No. 312P, limited to "sharps waste" as defined in the Ministry document entitled "Guideline C-4: The Management of Biomedical Waste in Ontario" dated July 16, 2021.

3. The Conditions of this *Approval* do not apply to the management of waste that is generated on-site and carried out in accordance with Section 17.1 of *Regulation 347*.

4. Notwithstanding Condition 1.3 above, the requirements set out in paragraphs 2, 3, 4, 5, 6, 7 and 8 of Section 17.2 of *Regulation 347* do not apply to *Subject Wastes* generated at the *Facility*.

2 WASTE TRANSPORTATION

1. The *Company* may transport waste pursuant to this *Approval* using their own vehicles. When transporting waste using their own vehicles, the *Company* shall operate in accordance with the conditions of this *Approval*, including the conditions in section E2 set out below. When waste is transported by a third-party, the *Company* shall request proof from the third-party that the third-party has a valid environmental compliance approval, EASR registration or other permission that authorizes the transportation of the waste in Ontario, or that the third-party is operating in accordance with a valid regulatory exemption that allows the transportation of the waste in Ontario, prior to the third-party receiving the waste.

2. The *Company* shall ensure that when waste is transported using their own vehicle(s), every such vehicle used to transport waste pursuant to this *Approval*, per Condition 1.1.a, conforms to paragraphs 1, 2, 3, 4, 5, 5.1 and 8 of Section 16(1) of *Regulation 347*, and that driver training for every driver operating a vehicle used to transport waste conforms to paragraph 9 of Section 16(1) of *Regulation 347*.
3. The *Company* shall make all reasonable efforts to ensure, when waste is being transported using their own vehicle(s), that all such vehicles transporting waste pursuant to this *Approval*, per Condition 1.1.a, have either a paper or electronic copy of this *Approval* on-board at the time of transport, so that either the driver or the *Company* is able to make a copy of this *Approval* available to any Provincial Officer immediately upon request.
4. The *Company* shall ensure that, when transporting waste using their own vehicle(s), every such vehicle used for transporting waste, per Condition 1.1.a, shall be insured under an insurance policy under which the minimum coverage is \$2,000,000 and that includes coverage for liability resulting from spills from that vehicle.
5. If the *Company* receives a complaint with respect to the transportation of waste and the complaint is related to the natural environment, the *District Manager* of the *Ministry* for the district in which the events leading to the complaint are alleged to have occurred shall be notified of the complaint no later than ten (10) business days after the complaint is received.
6. When transporting waste in their own vehicle(s), the *Company* shall ensure that spill response for spills during transportation are carried out in accordance with Part X of the *EPA*, and otherwise in accordance with the *Company's* spill procedures

3 WASTE STORAGE

1. All waste generated off-site shall be stored in a manner such that it is easily distinguishable from wastes generated on-site. Wastes generated off-site that have been mixed with wastes generated on-site shall be marked as containing off-site generated waste, and the entire weight and/or volume of the comingled waste shall be counted towards any storage limits set out in this *Approval*.
2. All waste stored pursuant to this *Approval* and per Condition 1.1 shall be stored indoors in the TMMC Waste Storage Area described in Item 1 Schedule 1 - Supporting Documentation.
3. The total amount of waste stored at the *Facility* at any one time, pursuant to this *Approval* and per Condition 1.1, shall not exceed 20 tonnes as described in Item 8 in Schedule 1 - Supporting Documentation.
4. All *Subject Waste* shall be stored in a manner consistent with the *Ministry* document entitled "Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities" dated May 2007, and specifically in accordance with the following:
 - a. All *Subject Waste* that is liquid shall be stored in an area with secondary containment sufficient to hold the greater of:
 - i. 110% of the volume of the largest container; or
 - ii. 100% of the volume of the largest container and 10% of the aggregate volume of the remaining containers.
 - b. The secondary containment system shall be constructed, coated or lined to present a permeability rate of 1×10^{-6} cm/sec or less to the wastes being stored, and shall be maintained in a good state of repair to ensure the permeability rate continues to be met.
 - c. Only those wastes that are chemically compatible as per Appendix C of the Guidelines noted above shall be stored in the same secondary containment area, unless the wastes are stored in separate over-packs or other containers that will prevent the co-mingling of the wastes in the event of a spill.

5. All *Subject Waste* shall be stored, handled and maintained so as to prevent leaks or spills of the waste, or damage to or deterioration of the container in which the waste is stored.
6. All waste that meets the definition of "sharps waste" set out in the Ministry document entitled "Guideline C-4: The Management of Biomedical Waste in Ontario" dated July 16, 2021 shall be managed in accordance with the following:
 - a. no biomedical waste other than "sharps waste" shall be received or stored at the Facility;
 - b. sharps waste shall only be received in packaging that meets the requirements for that type of waste, including the colour-coding set out in Section 4.1 and the minimum standards set out in Section 4.2 of the above-noted guideline;
 - c. all sharps waste shall be stored at the Facility in a secure area in a manner that conforms to the requirements set out in Section 4.3 of the above-noted guideline;
 - d. sharps waste packaging shall not be opened at the Facility, and sharps waste shall not be bulked in a manner that requires opening the packaging, but sharps waste packages may be consolidated for transfer from the Facility and individual sharps waste containers may be over-packed if the original packaging is damaged during storage or handling;
 - e. sharps waste shall not be processed at the Facility; and
 - f. all sharps waste transferred from the Facility shall be only transferred directly to a waste disposal site approved to accept that type of waste for treatment or disposal.
7. Spills response for spills at the *Facility* shall be carried out in accordance with Part X of the *EPA*, and in accordance with the spill procedures in the *Company's Environmental Management System*.

4 WASTE PROCESSING

1. The following waste processing activities may be carried out on wastes generated off-site:
 - a. The receiving, temporary storage and transfer of waste;
 - b. The bulking of liquid wastes.
 - c. The processing of aerosol cans using an aerosol puncturing device; and
 - d. The physical processing of solid non-hazardous wastes, including bulking, baling and compaction;
2. The bulking of liquid wastes shall be carried out in the following manner:
 - a. Hazardous wastes having different Waste Class numbers or characteristics shall not be mixed together.
 - b. Liquid industrial wastes having different Waste Class numbers shall not be mixed together.
 - c. Wastes that exhibit characteristics of chemical change upon bench-scale mixing, such as a change in colour, the formation of a precipitate, the formation of a gas, a change in odour, or a change in temperature, shall not be mixed together.
 - d. The bulking of liquid wastes shall only take place indoors in the TMMC Woodstock Waste Area and Oil Stores.
 - e. All bulking shall be carried out using appropriate equipment, such as barrel movers, and in a manner that prevents spills. Any spilled material shall be cleaned up immediately and sent off-site for disposal as soon as practicable.
3. The processing of aerosol cans shall be carried out in the following manner:
 - a. The processing of aerosol cans shall be carried out using a dedicated aerosol can puncturing unit.

- b. The processing of aerosol cans shall only take place indoors in the TMMC Woodstock Waste Area.
 - c. Only aerosol cans containing waste having the same Waste Class number and characteristic shall be processed at the same time. The unit shall be cleaned and the collected waste removed prior to processing aerosol cans containing waste having a different Waste Class number or characteristic than that previously processed.
4. The physical processing of solid non-hazardous waste shall be carried out in the following manner:
- a. The processing of solid non-hazardous waste shall be carried out by hand or using the equipment described in Items 1 and 6 in Schedule 1 - Supporting Documentation.
 - b. The processing of solid non-hazardous waste shall only take place indoors in the TMMC Woodstock Waste Area.