

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 5534-CJXKBQ  
Issue Date: February 7, 2023

FCA Canada Inc.  
2000 Williams Parkway East  
Brampton, Ontario  
L6S 6B3

Site Location: 2000 Williams Parkway East  
Brampton City, Regional Municipality of Peel  
L6S 6B3

*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;
- Assembly;

Non-production operations on-site include:

- 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 788,400 fully assembled automotive 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 of the *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 of the *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*.

*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 amended 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 an 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 Brad Bergeron of RWDI AIR Inc. and dated February 24, 2022 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* summarising 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 entire Environmental Compliance Approval and 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. "*Catalytic Oxidizer*" means the piece of pollution control equipment used for the treatment of exhaust gas using thermal oxidization to destroy contaminants from the exhaust gas.

9. "*Company*" means FCA Canada Inc. that is responsible for the construction or operation of the *Facility* and includes any successors and assigns.
10. "*Compound of Concern*" means a contaminant 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.
11. "*Description Section*" means the section on page one of this *Approval* describing the *Company's* operations and the *Equipment* located at the *Facility* and specifying the *Facility Production Limit* for the *Facility*.
12. "*Design and Operation Report*" means the report submitted by the *Company* titled "FCA Canada Inc. Transfer and Processing Environmental Compliance Approval (ECA)" Version 1.0, dated November 16, 2021, prepared by Tristan Ang, FCA Canada Inc., including all supporting documentation and amending documents, describing the design and operation of the *Waste Management System*.
13. "*Director*" means a person appointed for the purposes of Part II.1 of the *EPA* by the *Minister* pursuant to section 5 of the *EPA*.
14. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located.
15. "*Emission Summary Table*" means a table described in paragraph 14 of subsection 26 (1) of *O. Reg. 419/05*.
16. "*Environmental Assessment Act*" means the *Environmental Assessment Act*, R.S.O. 1990, c.E.18, as amended.
17. "*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*.
18. "*EPA*" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended.
19. "*Equipment*" means equipment, works or processes described in the *ESDM Report*, *Acoustic Assessment Report*, *Stormwater Management Report*, *Design and Operation Report*, this *Approval* and in the *Schedules* referred to herein and any other equipment or processes.
20. "*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*.

21. "*Facility*" means the entire operation located on the property where the *Equipment* is located.
22. "*Facility Production Limit*" means the production limit placed by the *Director* on the main product(s) or raw materials used by the *Facility*.
23. "*FCA Etobicoke*" means FCA Canada Inc.'s Etobicoke Casting Plant facility located at 15 Brown's Line, Toronto, Ontario.
24. "*FCA MOPAR*" means FCA Canada Inc.'s MOPAR Parts Facility located at 6500 Mississauga Road, Mississauga, Ontario, until such time it is relocated to 100 Edgeware Road, Brampton, Ontario.
25. "*ISO 14001*" means the International Organization Standardization international standard that specifies the requirements for an effective *Environmental Management System*.
26. "*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 Operation Report* as a result of a *Modification* described in Condition 2 including the date on which the change occurred.
27. "*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 the *OWRA* under the Executive Council Act.
28. "*Ministry*" means the ministry of the *Minister*.
29. "*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*.
30. "*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. It also means the noise control measures identified in the *Acoustic Assessment Report* ;
31. "*O. Reg. 419/05*" means Ontario Regulation 419/05, Air Pollution – Local Air Quality, as amended.
32. "*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 FCA Canada Inc. and dated February 24, 2022, submitted in support of the application; and includes any changes to the report made up to the date of issuance of this *Approval*.

33. "OWRA" means the *Ontario Water Resources Act*, R.S.O 1990, c.040, as amended.
34. "Point of Impingement" has the same meaning as in section 2 of *O. Reg. 419/05*.
35. "Point of Reception" means Point of Reception as defined by *Publication NPC-300*.
36. "Procedure Document" means the *Ministry* guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated March 2018, as amended.
37. "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.
38. "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.
39. "Publication NPC-233" means the *Ministry* Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October 1995, as amended.
40. "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.
41. "Regenerative Thermal Oxidizer" and "RTO" mean the piece of pollution control equipment used for the treatment of exhaust gas using thermal oxidization to destroy contaminants from the exhaust gas.
42. "Regulation 347" means Regulation 347, R.R.O. 1990, General - Waste Management, made under the *EPA*, as amended.
43. "Schedules" means the schedules attached to this *Approval* and forming part of this *Approval*.
44. "Stormwater Management Report" means the email and attachments prepared by Josh Orentlicher, FCA Canada Inc., dated November 14, 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.
45. "Subject Waste" has the same meaning as in *Regulation 347*.
46. "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.
47. "Waste Management System" means the vehicles, equipment and infrastructure used for the

transportation, storage and handling of waste.

48. "*Works*" means the works for the collection, transmission, treatment and disposal of stormwater from the site to the Regional Municipality of Peel storm sewer system as outlined in Schedule D - Sewage Works of this *Approval*.

*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

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 A - Supporting Documentation
  - Schedule B - Air Emissions
  - Schedule C - RTO and Catalytic Oxidizers Temperature Monitoring
  - Schedule D - Sewage Works
  - Schedule E - Waste Management

### 2. LIMITED 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 negatively impact the quality of water collected by the *Works*;
  - e. do not negatively affect the approved effluent quality or the location of the discharge/outfall;
  - f. adhere to the design guidelines contained within the Ministry's publication "Stormwater Management Planning and Design Manual – March 2003", as amended; and
  - g. 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 *RTO* and the *Catalytic 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 *RTO* and *Catalytic Oxidizers* are treating solvent laden process exhaust gases;
  - c. no substances containing chlorinated and/or fluorinated compounds, are burned in the *RTO* and *Catalytic Oxidizers*;
  - d. the concentration of the organic matter in the undiluted exhaust gases leaving the *RTO* and *Catalytic 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 *RTO* and *Catalytic Oxidizers* are in operation; the continuous monitoring system shall be equipped with continuous recording devices and shall comply with the requirements in Schedule C - RTO and Catalytic Oxidizers Temperature Monitoring of this *Approval*.
5. The *Company* shall, at all times, ensure that the noise emissions from the *Facility* comply with the noise limits set out in *Ministry Publication NPC-300*.
  6. The *Company* shall, at all times, ensure that the vibration emissions from the *Facility* comply with the limits set out in *Ministry Publication NPC-207*.
  7. The *Company* shall ensure that the *Noise Control Measures* as outlined in the *Acoustic Assessment Report* are incorporated at the *Facility*.
  8. The *Company* shall ensure that the *Noise Control Measures* are properly maintained and continue to provide the acoustic performance outlined in the *Acoustic Assessment Report*.
  9. The *Company* shall ensure the *Works* are operated and maintained in accordance with the *Stormwater Management Report* and Schedule D – Sewage Works in this *Approval*.
  10. The *Company* shall ensure all waste is managed in accordance with Schedule E – 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 D - 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 no later than June 30 of each year, an *Annual Modification Summary* 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 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 two (2) 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 one (1) week 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 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.

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

**1. GENERAL**

Condition 1 is included to require the *Approval* holder to build, operate and maintain the *Facility* in accordance with the supporting documentation in Schedule A - Supporting Documentation considered by the *Director* in issuing this *Approval*.

**2. LIMITED OPERATIONAL FLEXIBILITY AND PERFORMANCE LIMITS**

Conditions 2 and 3 are included to limit and 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. DOCUMENTATION REQUIREMENTS**

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. REPORTING REQUIREMENTS**

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. OPERATING PROCEDURES AND MAINTENANCE PROGRAMS**

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. COMPLAINTS RECORDING AND REPORTING PROCEDURE**

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. RECORD KEEPING REQUIREMENTS**

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.

## Schedule A - Supporting Documentation

1. Environmental Compliance Approval Application, dated February 25, 2022, signed by Josh Orentlicher and submitted by the FCA Canada Inc.
2. Emission Summary and Dispersion Modelling Report, prepared by RWDI AIR Inc. and dated February 24, 2022.
3. Emails dated October 7, November 7 and December 6, 2022 from by Josh Orentlicher, FCA Canada Inc., to Matt Lei, P.Eng. MECP.
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 Brad Bergeron of RWDI AIR Inc. and dated February 24, 2022.
6. Email dated November 25, 2021 from Josh Orentlicher, FCA Canada Inc., to Andrew Neill, P.Eng., MECP, including the following documents: 1) "FCA Canada Inc. Transfer and Processing Environmental Compliance Approval (ECA)" Version 1.0, dated November 16, 2021, prepared by Tristan Ang, FCA Canada Inc.; 2) Environmental Compliance Approval application authorized by Alex Pittas, Plant Manager, FCA Canada Inc.
7. Email dated July 13, 2022 from Josh Orentlicher, FCA Canada Inc., to Andrew Neill, P.Eng., MECP, with additional information on waste management activities to be carried out at the facility.
8. Email and attachments dated November 14, 2022 from Josh Orentlicher, FCA Canada Inc., to Adedoyin Adenowo, P.Eng., MECP, with information on the stormwater management works at the facility.

## Schedule B – Air Emissions

### B1 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 B1.2 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 B1.2, 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 B1.2 in respect of a proposed *Modification* described in Condition B1.1, the *Company* shall not make the *Modification* mentioned in Condition B1.1 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 B1.6 shall be deemed a new submission under Condition B1.2.

8. If the *Director* approves the request, the *Company* shall update the *ESDM Report* to reflect the *Modification*.
9. Condition B1. does not apply if Condition 2.1 has expired.



## Schedule C – RTO and Catalytic 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 *RTO* and the *Catalytic Oxidizers* and are used to verify compliance of this *Approval*.

### PERFORMANCE:

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

PARAMETERS	SPECIFICATION	
	RTO	Catalytic Oxidizers
1. Type:	shielded "K" type thermocouple, or equivalent	"K" or "J" type thermocouple, or equivalent
2. Accuracy:	± 1.5 percent of the minimum gas temperature	± 1.25 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 D – Sewage Works

### D1 APPROVED WORKS

Sewage works for the collection, transmission, treatment and disposal of stormwater servicing the *Facility* including:

- a network of conveyance systems including of storm sewer system, ditches, culverts, catch basins, oil water separators, structures, and surface flows throughout the site storm sewer systems discharging into the Regional Municipality of Peel storm sewer systems;
- south-east stormwater retention pond (complete with emergency sluice gate kept in the open position and closed only when there is an emergency spill to the pond) discharging to a storm sewer beneath Williams Parkway;
- north-east stormwater retention pond (complete with emergency sluice gate kept in the open position and closed only when there is an emergency spill to the pond) discharging to a trunk sewer below the east side of Airport Road;
- north stormwater retention pond (complete with emergency sluice gate kept in the open position and closed only when there is an emergency spill to the pond) discharging to a storm sewer below North Park Drive;
- southwest outlet discharging into the Regional Municipality of Peel storm sewer systems below Williams Parkway; and

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

All in accordance with the submitted supporting documents listed in Schedule A – Supporting Documentation.

### D2 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 entered the storm sewer system or the storm detention pond directly, the *Company* shall close both sluice gates 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.

### **D3 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, catchbasins & 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
  - 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 E – Waste Management**  
**Approved Waste Management Activities**

**E1 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 *FCA Etobicoke* and *FCA MOPAR* to the *Facility* (i.e., the FCA Canada Inc. Brampton Assembly Plant facility located at 2000 Williams Parkway East in Brampton, Ontario, as defined above);
  - 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 *FCA Etobicoke* and *FCA MOPAR*, not including putrescible waste; and
  - b. *Subject Waste* generated at *FCA Etobicoke* and *FCA MOPAR*, limited to the following:
    - i. Non-hazardous liquid industrial wastes having Waste Class Nos. 113, 121, 122, 133, 145, 146, 148, 212, 213, 221, 232, 233, 251, 252, 253, 262, 263, 265, 268;
    - ii. Hazardous wastes that are leachate toxic having Waste Class Nos. 145, 146, 148, 211, 212, 213, 221, 251, 263, 265;
    - iii. Hazardous wastes that are ignitable having Waste Class Nos. 145, 148, 211, 212, 213, 221, 222, 265, 268, 331;
    - iv. Hazardous wastes that are corrosive having Waste Class Nos. 112, 113, 114, 121, 122, 148, 262, 267, 268;
    - v. Hazardous wastes that are hazardous industrial wastes having Waste Class Nos. 131, 145, 148, 211, 212, 265;
    - vi. Hazardous wastes that are hazardous waste chemicals having Waste Class Nos. 131, 145, 148, 211, 212, 263, 265;
    - vii. Hazardous wastes that are acute hazardous wastes having Waste Class Nos. 148, 261, 263.
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 E1.3 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.*

## **E2 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 E1.1.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 E1.1.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 E1.1.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 two 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.

## **E3 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 in a manner described in Item 6 & 7 of Schedule A shall be marked as containing off-site generated waste, and the entire weight and/or volume of the commingled waste shall be counted towards any storage limits set out in this *Approval*.
2. All waste stored pursuant to this *Approval* and per condition E1.1 shall be stored under the canopy and/or roof in the Waste Accumulation Area described in Items 6 and 7 in Schedule A - Supporting Documentation, and in a manner that prevents contact with stormwater or the

generation of wind-blown litter.

3. The total amount of waste stored at the *Facility* at any one time, pursuant to this *Approval* and per condition E1.1, shall not exceed either 281 cubic metres or 158 tonnes.
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  $1 \times 10^{-6}$  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. Batteries shall be stored with covered terminals, or otherwise stored in a manner that prevents short circuiting between battery terminals.
7. Fluorescent tubes shall be stored in a secure manner that prevents breakage.
8. The valve for the storm water catchbasin serving the Waste Accumulation Area shall be placed in the closed position during the shipment of waste into or out of the area, and when waste is being handled or processed within that area.
9. 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*.

#### **E4 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 fluorescent tubes using a bulb crusher device;
  - d. The processing of aerosol cans using an aerosol puncturing device; and

- e. The shredding of solid non-hazardous waste.
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, other than Waste Class Nos. 251, 252, 253 and 254.
    - 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 under the roof and/or canopy in the Waste Accumulation Area described in Items 6 and 7 in Schedule A - Supporting Documentation.
    - 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 fluorescent bulbs shall be carried out in the following manner:
    - a. The processing of fluorescent bulbs shall be carried out using a bulb crusher mountable drum unit as described in Items 6 and 7 in Schedule A - Supporting Documentation.
    - b. The processing of fluorescent bulbs shall only take place under the roof and/or canopy in the Waste Accumulation Area described in Items 6 and 7 in Schedule A - Supporting Documentation.
  4. The processing of aerosol cans shall be carried out in the following manner:
    - a. The processing of aerosol cans shall be carried out using an aerosol can puncturing mountable drum unit as described in Items 6 and 7 in Schedule A - Supporting Documentation.
    - b. The processing of aerosol cans shall only take place under the roof and/or canopy in the Waste Accumulation Area described in Items 6 and 7 in Schedule A - Supporting Documentation.
    - 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.
  5. The shredding of solid non-hazardous waste shall be carried out in the following manner:
    - a. The shredding of solid non-hazardous waste shall be carried out using an industrial recycling shredder as described in Items 6 and 7 in Schedule A - Supporting Documentation.



- b. The shredding of solid non-hazardous waste shall only take place under the roof and/or canopy in the Waste Accumulation Area described in Items 6 and 7 in Schedule A - Supporting Documentation.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 6618-93AKWB issued on January 28, 2013.**

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

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

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

The Notice should also include:

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

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

This Notice must be served upon:

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

and

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

and

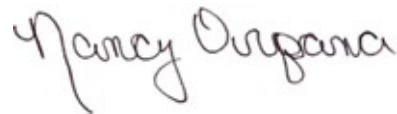
The Director appointed for the purposes of  
Part II.1 of the *Environmental Protection Act*  
Ministry of the Environment,  
Conservation and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or [www.olt.gov.on.ca](http://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 7th day of February, 2023



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Nancy E Orpana, P.Eng.

Director

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

ML/

c: District Manager, MECP Halton-Peel  
Brad Bergeron, RWDI Air Inc.