XML Schema for

AMD11 Stack Survey and RATA Notification

Revision History

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author(s)** | **Revision Notes** |
| 0.1 | Oct-15-2018 | Environment and Resources | Initial document |
| 1.0 | Nov-09-2018 | Environment and Resources | Updated document based on IT feedback |
| 1.1 | Nov-20-2018 | Environment and Resources | Updated schema namespace |
| 1.2 | Nov-28-2018 | Environment and Resources | Updated optional fields |
| 1.3 | Nov-30-2018 | Environment and Resources | Updated and embedded schema |
| 1.4 | Dec-05-2018 | Environment and Resources | Updated field optionality in the data dictionary |
| 1.5 | Dec-13-2018 | Environment and Resources | Updated field descriptions |
| 1.6 | Dec-18-2018 | Environment and Resources | Updated field descriptions and embedded schema |
| 1.7 | Dec-19-2018 | Environment and Resources | Updated field description |
| 1.8 | Jan-08-2019 | Environment and Resources | Added schema version and embedded schema |
| 1.9 | Feb-06-2019 | Air Policy | Added file naming convention to data dictionary |
| 2.0 | Feb-03-2020 | Environment and Resources | Updated field description |
| 2.1 | Apr-22-2022 | Air Policy | Updated embedded .xsd schema. |

This document outlines the XML file format that is required for the submission of AMD11 Stack Survey and RATA Notification.

Please note that the possible values for some of the [XML](https://www.w3schools.com/xml/default.asp) fields will be communicated later and minor changes to the [XML Schema](https://www.w3schools.com/xml/schema_intro.asp) may be needed in the future.

XML Schema

See attached:



File Naming Convention

Refer to required file naming conventions on the Air Monitoring Directive website:

[EPEA Approval Industrial Monitoring Documentation Submission Naming Guideline](https://www.alberta.ca/assets/documents/ep-epea-approval-industrial-monitoring-documentation-submission-naming-guideline.pdf)

Field Descriptions

|  |  |  |
| --- | --- | --- |
| **Field** | **Description** | **Required** |
| EpeaApproval | EPEA approval number (8 digits) | Yes |
| CompanyName | Name of the company | Yes |
| FacilityName | Name of the facility | Yes |
| AerId | AER ID | No |
| FacilityContactName | Name of the facility contact | Yes |
| FacilityContactPhone | Phone of the facility contact | Yes |
| FacilityContactEmail | Email of the facility contact in abc@xyz.com format | Yes |
| ContractorCompany | Name of the contractor company | No |
| ContractorContactName | Contact name at the contractor company | No |
| ContractorContactEmail | Email of the contact | No |
| Comments | General comments in text | No |
| NotificationDate | Notification date; e.g., 2018-02-28 | Yes |
| ReasonForChangeOrCancellation | Reason for change or cancellation; e.g., P2 Reformer Stack was down during the orignially proposed dates of Jan 2-5, 2018, so RATA has been rescheduled for February 25-28, 2018. | No |
| Surveys | Collection of Surveys | Yes |
| Type  | Survey type; e.g., RATA | Yes |
| SourceName | Source name; e.g., Reformer Stack | Yes |
| UniqueSourceIdentifier | Unique source identifier; e.g., RS-P1 | No |
| CemsStationId | CEMS station id; e.g,, 123456 | No |
| SurveyConductorCompany | Survery conductor company name; e.g., Contractors Inc or In-house | Yes |
| ProposedTestStartDate | Proposed test start date; e.g., 2018-02-25 | Yes |
| ProposedTestEndDate | Proposed test end date; e.g., 2018-02-28 | Yes |
| Parameters | Parameter name(s); e.g., NOx; NO2, Temp, Velocity, MW, H2O | Yes |
| ProposedSamplingMethodology | Proposed sampling methodology; e.g., AENV Methods 1 to 4EPA Method 7E - Iinstrument - NOx | Yes |
| DeviationsFromSamplingMethods | Deviations from sampling methods or Approval Conditions ? True/False (Yes/No) | Yes |
| Deviations | Deviations listed in written text | No |
| DeviationsApprovalDate | Date of deviation on letter of authorization and e-mail; e.g., 2018-02-28 | No |
| Rescheduled | Rescheduled?True/False (Yes/No) | Yes |
| RescheduledDates |  | Yes |
|  RescheduledDate | Rescheduled date(s) in YYYY-MM-DD.For multiple dates, separate dates with semicolons; e.g., 2018-02-25;2018-04-17 | No |

Reference Links

* [XML Overview](https://www.w3schools.com/xml/default.asp)
* [Schema Overview](https://www.w3schools.com/xml/schema_intro.asp)