

APPENDIX H: CRITERIA POLLUTANT / GREENHOUSE GAS REDUCTION / SOLID WASTE DISPOSAL PROJECT TECHNICAL REQUIREMENTS

I. Application Submission

Project that provides similar services while significantly reducing one or more of the USEPA Criteria Pollutants and/or Greenhouse Gases (GHGs) and/or provides Environmental Benefits must include: a complete description of the existing (base-case) equipment or process, calculations showing the existing equipment or process criteria/GHG pollutant emission rate and any energy use while it is operating at its maximum rate, a description of the revisions to the equipment or process (revised case), calculations showing the revised equipment or process criteria/GHG pollutant emission rate and any energy use while it is operating at its maximum rate and information on the applicable rule or regulation governing the project's performance. The applicant will acknowledge the M&V plan to include the ability for OAQDA to coordinate with the OEPA on information submitted as part of the monitoring and compliance for the applicable air permit required for the project. Thereby, a separate M&V plan does not need to be submitted to OAQDA. If not, then the applicant should describe a M&V plan for how the equipment or process will be evaluated to verify how the air pollution and any energy savings from the project will be measured and reported once the project is built.

II. Project Review

In general, the project review process for a project begins with a review of the proposed project to ensure that the project adheres to or exceeds the applicable rules or regulations. Once a project successfully completes this stage of the review there is a review of the construction plan and commissioning plan. Successful completion of all these plans is then followed by the project construction and project commissioning report. Satisfactory review of the construction and commissioning reports is then followed by the applicable permits.

III. Measurement & Verification

Project owners that acknowledge the coordination between OAQDA and OEPA will report and comply with the existing requirements of the rules or regulations governing the performance and any specific information submitted to OEPA on the criteria pollutant or greenhouse gas. Certain information will be shared by the OEPA to allow OAQDA to ensure compliance with the terms of the bond financing, specifically the performance of the Air Quality Facility. Any follow-up related to the project's performance will be coordinated between OAQDA and OEPA.

In select cases where the coordination between state agencies is not feasible or permissible, then a measurement and verification process is established for projects to consist of three stages: (1) the Application Submittal and Review stage; (2) the M&V Plan Submittal and Review stage; and (3) the Project M&V Process stage. All projects need to comply with each stage in sequence to qualify as an Air Quality Facility.

- A. Application Submittal and Review. Component isolation - criteria pollutant or greenhouse gas reduction – or solid waste disposal. The application and review process for a component isolation – criteria pollutant reduction or greenhouse gas reduction or solid waste disposal project also begins with a review of the proposed project to ensure the proposed criteria pollutant or greenhouse gas reduction or environmental benefits has been estimated correctly. Once a project successfully completes this stage of the review it is followed by a review of the metering plan, construction plan, and commissioning plan.

- B. M&V Plan Submittal and Review. In this section of the process the M&V Plan is submitted by the applicant and reviewed by OAQDA. The review of the M&V Plan precedes the construction of the project because it is necessary to ascertain if and where meters can be used to measure reduction of pollutants or if other protocols can be utilized before construction begins.

The M&V Plan and Submittal process for criteria pollutant or greenhouse gas or solid waste disposal, verifies that the M&V plan complies with industry standards. Once a project successfully completes this stage of the review it is followed by a review of the construction plan, and commissioning plan.

- C. Project M&V Process. In this section of the process the Project M&V Process is monitored to determine that the data collection efforts are complying with the M&V Plan submitted by the applicant and reviewed by OAQDA. The review of the Project M&V Process begins before the project is complete and proceeds throughout the project period.