**Facility Name:** Click here to enter text.

**EPA ID:**Click here to enter text.

**Agency Interest ID:**Click here to enter text.

**Instructions:** In order to help expedite the review process, please submit the following with the permit application:

Part D – Process Information – Miscellaneous Units Checklist. Columns “Submitted” and “Location in Application” must be completed by the applicant. Failure to do so may result in an Administrative Notice of Deficiency by the Division. The “Technically Adequate” column is for use by KDWM staff.

*\*Notes: Y for Yes. N for No. NA for Not Applicable.*

| ***Section and Requirement*** | | ***Regulation***  ***(Federal or State)*** | ***Submitted***  *(Y/N/NA)\** | ***Location in Application*** | ***Technically Adequate***  *(Y/N)\** | ***Comments*** |
| --- | --- | --- | --- | --- | --- | --- |
| **D.1** | **Miscellaneous Units**  Identify all miscellaneous units that treat, store, or dispose of hazardous waste at the facility, but do not fit the current definition of container, tank, incinerator, etc. | 270.23; 264.601 | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
| **D.2** | **Description**  Provide a description for each miscellaneous unit identified in *Checklist* *D.1* above. The description should include, at the minimum, the following information: | 270.23(a); 270.23(d) |  |  |  |  |
|  | 1. Physical characteristics, materials of construction, and dimensions of the unit. | 270.23(a)(1) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. Detailed plans and engineering reports that consist the following:  * Provide the criteria used for location of units. * Provide engineering design or drawings that are labeled, stamped and certified by an independent, qualified Professional Engineer registered in the Commonwealth of Kentucky. * Describe the operating process and conditions (e.g. feed rates, hours of operation, etc.) | 270.23(a)(2) | Click here to enter text. | Click here to enter text. |  | *The detailed plans and engineering reports must satisfy the requirements in 40 CFR Part 264.601 and 264.602.* |
|  | * Maintenance, monitoring and inspection information - including detailed schedules and procedures. |  | Click here to enter text. | Click here to enter text. |  | *This requirement may be addressed in Part F – Procedures to Prevent Hazards checklist.* |
|  | * Closure - Schedule and procedure proposed to close the units. |  | Click here to enter text. | Click here to enter text. |  | *This requirement may be addressed in Part I – Closure Plans, Post Closure Plans and Financial Requirements checklist.* |
|  | 1. For any treatment unit, a report on a demonstration of the effectiveness of the treatment based on laboratory or field data. | 270.23(d) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. For disposal units only. Provide a detailed description of the plans to comply with the post-closure requirements of 40 CFR Part 264.603. | 270.23(a)(3) | Click here to enter text. | Click here to enter text. |  | *This requirement may be addressed in Part I – Closure Plans, Post Closure Plans and Financial Requirements checklist.* |
| **D.3** | **Waste Characterization**  Provide volume, physical and chemical characteristics of the waste in the unit. | 270.23; 264.601(a)(1), (b)(1), (c)(1) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
| **D.4** | **Environmental Performance Standards**  Environmental performance standards must be established and maintained to protect human health and environment. | 270.23(b); 264.601 |  |  |  | *If the applicant can demonstrate that he/she does not violate the environmental performance standards of 40 CFR Part 264.601 and the Division agrees with such demonstration, preliminary hydrologic, geologic, and meteorological assessments will suffice* |
|  | **D.4.1 Protection of Groundwater and Subsurface Environment**  Applicant shall conduct an assessment on adverse effects on human health or the environment due to migration of waste constituents in the ground water or subsurface environment, and, at the minimum, shall include the following information: | 270.23(b),(c); 264.601(a) |  |  |  | *Both saturated and unsaturated zones must be considered in evaluating potential for subsurface migration.* |
|  | 1. Potential for the waste to migrate through soil, liners, or other containing structures. | 264.601(a)(1) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The hydrologic and geologic characteristics of the unit and the surrounding area. | 264.601(a)(2) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The existing quality of ground water, including other sources of contamination and their cumulative impact on the ground water. | 264.601(a)(3) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The quantity and direction of ground-water flow. | 264.601(a)(4) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The proximity to and withdrawal rates of current and potential ground-water users. | 264.601(a)(5) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The patterns of land use in the region. | 264.601(a)(6) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The potential for deposition or migration of waste constituents into subsurface physical structures, and into the root zone of food-chain crops and other vegetation. | 264.601(a)(7) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The potential for health risks caused by human exposure to waste constituents. | 264.601(a)(8) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The potential for damage to domestic animals, wildlife, crops, vegetation, and physical structures caused by exposure to waste constituents. | 264.601(a)(9) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | **D.4.2 Protection of Surface Water, Wetlands, and Soil Surfaces**  Applicant shall conduct an assessment on adverse effects on human health or the environment due to migration of waste constituents in surface water, wetlands or soil surfaces, and, at the minimum, shall include the following information: | 270.23(b),(c); 264.601(b) |  |  |  |  |
|  | 1. The effectiveness and reliability of containing, confining, and collecting systems and structures in preventing migration. | 264.601(b)(2) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The hydrologic characteristics of the unit and the surrounding area, including the topography of the land around the unit. | 264.601(b)(3) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The patterns of precipitation in the region. | 264.601(b)(4) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The quantity, quality, and direction of ground-water flow. | 264.601(b)(5) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The proximity of the unit to surface waters. | 264.601(b)(6) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The current and potential uses of nearby surface waters and any water quality standards established for those surface waters. | 264.601(b)(7) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The existing quality of surface waters and surface soils, including other sources of contamination and their cumulative impact on surface waters and surface soils. | 264.601(b)(8) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The patterns of land use in the region. | 264.601(b)(9) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The potential for health risks caused by human exposure to waste constituents. | 264.601(b)(10) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The potential for damage to domestic animals, wildlife, crops, vegetation, and physical structures caused by exposure to waste constituents. | 264.601(b)(11) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | **D.4.3 Protection of the Atmosphere**  Applicant shall conduct an assessment on adverse effects on human health or the environment due to migration of waste constituents in the atmosphere, and, at the minimum, shall include the following information: | 270.23(b), (c); 264.601 |  |  |  |  |
|  | 1. Potential for emission and dispersal of gases, aerosols and particulates. | 264.601(c)(1) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The effectiveness and reliability of systems and structures to reduce or prevent emissions of hazardous constituents to the air. | 264.601(c)(2) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The operating characteristics of the miscellaneous unit. | 264.601(c)(3) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The atmospheric, meteorological, and topographic characteristics of the unit and the surrounding area. | 264.601(c)(4) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The existing quality of the air, including other sources of contamination and their cumulative impact on the air. | 264.601(c)(5) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The potential for health risks caused by human exposure to waste constituents. | 264.601(c)(6) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
|  | 1. The potential for damage to domestic animals, wildlife, crops, vegetation, and physical structures caused by exposure to waste constituents. | 264.601(c)(7) | Click here to enter text. | Click here to enter text. |  | Click here to enter text. |
| **D.5** | **Monitoring, Analysis, Inspection, Response, Reporting, and Corrective Action**  Demonstrate that monitoring, testing, analytical data, inspections, response, and reporting procedures and frequencies are in compliance with 40 CFR Part 264.601, 264.15, 264.33, 264.75, 264.76, 264.77, and 264.101 as well as meet any additional requirements needed to protect human health and the environment as specified in the permit. | 270.23(a); 264.602 | Click here to enter text. | Click here to enter text. |  | *Monitoring program must include procedures for sampling, analysis, and evaluation of data, suitable response procedures, and a regular inspection schedule.*  *For situation in which ambient air monitoring would be unsafe or impractical, possible alternatives may include analysis of waste, emissions measurements, and periodic monitoring with portable detectors.* |