technology-based standards of the Clean Water Act Best Available Technology (BAT) and Best Conventional Technology (BCT)]. The Agency does not believe that it is appropriate to establish specific numeric effluent limitations or a specific design or performance standard in this section for storm water discharges associated with industrial activity from hazardous waste treatment, storage, and disposal facilities to meet BAT/BCT standards of the Clean Water Act at this time. Instead, this section establishes requirements for the development and implementation of site-specific storm water pollution prevention plans consisting of a set of Best Management Practices (BMPs) that are sufficiently flexible to address different sources of pollutants at different sites.

Generally, BMPs are implemented to prevent and/or minimize exposure of pollutants from industrial activities to storm water discharges. EPA believes the most effective BMPs for reducing pollutants in storm water discharges are exposure minimization practices. Exposure minimization practices lessen the potential for storm water to come into contact with pollutants. Good housekeeping practices ensure that facilities are sensitive to routine and nonroutine activities which may increase pollutants in storm water discharges. The BMPs which address good housekeeping and exposure minimization are easily implemented, inexpensive, and require little, if any, maintenance. BMP expenses may include construction of roofs for storage areas or other forms of permanent cover and the installation of berms/dikes. Other BMPs such as detention/retention ponds and filtering devices may be needed at these facilities because of the contaminant level in the storm water discharges.

The selection of the most effective BMPs will be based on site-specific considerations such as: facility size, climate, geographic location, hydrogeology and the environmental setting of each facility, and volume and type of discharge generated. Each facility will be unique in that the source, type, and volume of contaminated storm water discharges will differ. In addition, the fate and transport of pollutants in these discharges will vary. EPA believes that the management practices discussed herein are well suited mechanisms to prevent or control the contamination of storm water discharges associated with hazardous waste treatment, storage, or disposal facilities that are not already addressed by RCRA subtitle C.

Facilities covered under this section must already be in compliance with the standards for operating a hazardous waste treatment, storage, or disposal facility as established by 40 CFR Part 264. As discussed in greater detail in the previous section (Pollutant Control Measures Required Through Other EPA Programs), EPA believes that because of the requirements previously imposed on hazardous waste treatment, storage, or disposal facilities, storm water BMPs are already employed at most TSDFs. This belief is supported by part 1 group application data, which indicated that 97 percent of the representative sampling facilities already have SPCC plans in place at their sites.

Because of the potential for spills of hazardous materials during loading and unloading operations, and the absence of an individual discussion of these operations in 40 CFR Part 264, Table K– 2 is provided to identify BMPs associated with these activities at hazardous waste treatment, storage, or disposal facilities.

TABLE K–2.—GENERAL LOADING AND UNLOADING STORM WATER BMPs FOR HAZARDOUS WASTE TREATMENT, STORAGE, OR DISPOSAL FACILITIES

Activity	Best management practices (BMPs)
Outdoor Unloading and Loading	 Confine loading/unloading activities to a designated area. Consider performing loading/unloading activities indoors or in a covered area. Consider covering loading/unloading area with permanent cover (e.g., roofs) or temporary cover (e.g., tarps). Close storm drains during loading/unloading activities in surrounding areas. Avoid loading/unloading materials in the rain. Inspect the unloading/loading areas to detect problems before they occur. Inspect all containers prior to loading/unloading of any raw or spent materials. Consider berming, curbing, or diking loading/unloading areas. Use dry clean-up methods instead of washing the areas down. Train employees on proper loading/unloading techniques.

Sources: NPDES Storm Water Group Applications—Part 1. Received by EPA, March 18, 1991 through December 31, 1992 EPA, Office of Water. September 1992. "Storm Water Management for Industrial Activities: Developing Pollution Prevention Plans and Best Management Practices." EPA 832–R–92–006.

5. Storm Water Pollution Prevention Plan Requirements.

EPA believes that pollution prevention is the most effective approach for controlling contaminated storm water discharges from hazardous waste treatment, storage, or disposal facilities. The requirements included in the pollution prevention plans provide a flexible framework for the development and implementation of site-specific controls to minimize the pollutants in storm water discharges. This flexibility is necessary because each facility is unique in that the source, type, and volume of contaminated storm water discharge will vary from site to site.

There are two major objectives to a pollution prevention plan: (1) to identify sources of pollution potentially affecting the quality of storm water discharges associated with industrial activity from a facility; and (2) to describe and ensure implementation of practices to minimize and control pollutants in storm water discharges associated with industrial activity from a facility.

The pollution prevention plan requirement reflects EPA's decision to allow hazardous waste treatment, storage, or disposal facilities to utilize BMPs as the BAT/BCT level of control for the storm water discharges covered by this section.

As previously discussed, many of the storm water pollution prevention plan requirements discussed in this section of today's permit and fact sheet are already addressed by the RCRA program and employed at hazardous waste treatment, storage, or disposal facilities. Please note that if RCRA does not address a particular condition which is stipulated in the storm water pollution prevention plan, the facility still must