TABLE 3.—STORM WATER MONITORING REQUIREMENTS—Continued

Industrial activity	Section of fact sheet describing monitoring require- ments	Permit section de- scribing monitoring require- ments
Automobile Salvage Yards*	VIII.M.6	XI.M.5.
Scrap and Waste Recycling Facilities*	VIII.N.6	XI.N.5.
Steam Electric Power Generating Facilities, Including Coal Handling Areas*	VIII.O.6	XI.O.5.
Vehicle Maintenance or Equipment Cleaning Areas at Motor Freight Transportation Facilities, Passenger	VIII.P.6	XI.P.5
Transportation Facilities, Petroleum Bulk Oil Stations and Terminals, Rail Transportation Facilities, and the United States Postal Service Transportation Facilities.		
Vehicle Maintenance Areas and/or Equipment Cleaning Operations at Water Transportation Facilities*	VIII.Q.6	XI.Q.5.
Ship and Boat Building or Repairing Yards	VIII.R.6	XI.R.5.
Vehicle Maintenance Areas, Equipment Cleaning Areas, or Deicing Areas Located at Air Transportation Facilities*.	VIII.S.6	XI.S.5.
Treatment Works*	VIII.T.6	XI.T.5.
Food and Kindred Products Facilities*	VIII.U.5	XI.U.5.
Textile Mills, Apparel, and Other Fabric Product Manufacturing Facilities*	VIII.V.6	XI.V.5.
Wood and Metal Furniture and Fixture Manufacturing Facilities	VIII.W.5	XI.W.5.
Printing and Publishing Facilities		XI.X.5.
Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries*	VIII.Y.7	XI.Y.5.
Leather Tanning and Finishing Facilities	VIII.Z.7	XI.Z.5.
Fabricated Metal Products Industry*	VIII.AA.7	XI.AA.5.
Facilities That Manufacture Transportation Equipment, Industrial, or Commercial Machinery	VIII.AB.7	XI.AB.5.
Facilities That Manufacture Electronic and Electrical Equipment and Components, Photographic and Optical Goods.	VIII.AC.7	XI.AC.5.

<sup>\*</sup> Denotes a sector that contains analytical monitoring requirements for an entire sector or a subsector.

## 1. Analytical Monitoring Requirements.

Today's permit requires analytical monitoring for discharges from certain classes of industrial facilities. EPA believes that industries may reduce the level of pollutants in storm water runoff from their sites through the development and proper implementation of a storm water pollution prevention plan discussed in today's permit. Analytical monitoring is a means by which to measure the concentration of a pollutant in a storm water discharge. Analytical results are quantitative and therefore can be used to compare results from discharge to discharge and to quantify the improvement in storm water quality attributable to the storm water pollution prevention plan, or to identify a pollutant that is not being successfully controlled by the plan. EPA realizes there are greater cost burdens associated with analytical monitoring in comparison to visual examinations. Today's permit only requires analytical monitoring for the industry sectors or

subsectors that demonstrated a potential to discharge pollutants at concentrations of concern.

To determine the industry sectors and subsectors that would be subject to analytical monitoring requirements contained in the sections listed in Table 3, EPA reviewed the data submitted in the group application process. First, EPA divided the Part 1 and Part 2 application data by the industry sectors listed in Table 3. Where a sector was found to contain a wide range of industrial activities or potential pollutant sources, it was further subdivided into the industry subsectors listed in Table 4. Next, EPA reviewed the information submitted in Part 1 of the group applications regarding the industrial activities, significant materials exposed to storm water, and the material management measures employed. This information helped identify potential pollutants that may be present in the storm water discharges. Then, EPA entered into a database, the sampling data submitted in Part 2 of the group applications. That data was

arrayed according to industrial sector and subsector for the purposes of determining when analytical monitoring would be appropriate. Data received by EPA prior to January 1, 1993 (three months after the application deadline) were entered into EPA's database. Some additional data that was submitted even after January 1, 1993 was also entered into the database to bolster the data set for some sectors or subsectors (e.g., the auto salvage industry). All data submitted even later by group applicants which was not loaded into the database was reviewed by EPA during development of the permit. EPA notes that preliminary copies of the database were distributed to the public upon request in advance of a complete screening of the quality of the data set. These copies of the database contained a variety of errors that were screened and removed prior to EPA statistical analysis and evaluation of the results. The results of the statistical analyses are presented in the appropriate section of the fact sheet referenced in Table 3.

TABLE 4.—SECTOR/SUBSECTOR DIVISION OF GROUP APPLICANTS FOR ANALYSES OF SAMPLING DATA

Subsector	SIC code	Activity represented	
Sector A. Timber Products			
1*	2421 2491 2411 2426	General Sawmills and Planning Mills. Wood Preserving. Log Storage and Handling. Hardwood Dimension and Flooring Mills.	