TABLE N-12.—Significant Materials Reported in Group Application No. 826

Significant materials	Percent of facili- ties ⁱ	Pollutant-causing activity			
Wood Pallets Waste Paper Recyclable Waste Paper in Bales Gasoline/Diesel Fuel (outside pumps) Lubricating Fluids	27 41 55	Residual materials on pallets. Outdoor exposure could result in deterioration of paper. Outdoor exposure could result in deterioration of paper. Leaks or spills. Overtopping during fueling. Leaks or spills.			

¹ Column totals greater than 100% because many facilities have one or more of these significant materials exposed.

EPA has established special pollution prevention plan requirements for recycling facilities that receive only source-separated recyclable materials. Specific requirements are discussed in Part XI.N.3.a.(3)(c) of the permit.

(2) Pollutants Found in Storm Water Discharges.

Based on data provided in group applications 274, 647, 826, and 1145, pollutants that were most frequently

reported included TSS, BOD, COD, nitrite plus nitrate, TKN, total phosphorus, oil and grease, and total aluminum (group 1145 only). The table N–13 provides a statistical summary of data.

TABLE N-13.—SUMMARY STATISTICS FOR SELECTED RECYCLING FACILITIES¹ (SIC 5093) (GROUP APPLICATIONS 247, 647, 826, AND 1145) ALL UNITS IN mg/L UNLESS OTHERWISE NOTED

Sample type	# of Sam- ples	Compii	Mean		Minii	Minimum N		Maximum		Median		95th percentile	
			Grab	Comp	Grab	Comp	Grab	Comp	Grab	Comp	Grab	Comp	
	Grab												
BOD ₅			31	22	0	0	460	220	31	22	78	75	
COD			179	118	0	0	1200	940	73	43	1005	441	
TSS			495	383	0	0	7440	4860	73	40	1731	2754	
Nitrate + Nitrite													
N			0.60	0.76	0	0	13	69	0.41	0.37	1.61	1.33	
TKN			1.48	1.78	0	0	6.90	16.85	1.01	0.79	6.12	7.30	
Oil and Grease			9.4	0.7	0	0	69.0	13.0	3.0	0.0	32.4	4.9	
Total P			0.22	0.19	0	0	7.60	2.20	0.22	0.19	2.17	1.14	
Total Aliii			5.51	1.55	0	0	44.0	5.40	1.20	0.90	26.00	4.80	

¹Applicants that did not report the units of measurement for the reported values were not included in these statistics.

3. Options for Controlling Pollutants

a. Scrap and Waste Recycling Facilities (SIC 5093) (Nonliquid recyclable waste materials). This section addresses source control measures, BMPs and structural controls that are specifically applicable to the scrap recycling facilities (SIC 5093) and waste recycling facilities (SIC 5093) and which are engaged in the reclaiming and recycling of solid materials such as ferrous and nonferrous metals, plastics,

paper, glass and cardboard and automotive parts.

The BMPs described in this subsection are specifically applicable to scrap recycling and waste recycling facilities. Scrap recycling and waste recycling facilities applying for coverage under Part XI.N. of today's permit shall employ a broad and comprehensive range of BMPs and source control measures to minimize and/or eliminate the diversity of pollutants associated with scrap processing operations. In instances where facilities conduct

certain operations indoors or under cover, a determination will be made by the owner/operator of the facility as to the applicability of these BMPs and source control measures to these particular activities.

The following table summarizes alternative source control measures, nonstructural BMPs (BMPs), and structural controls that are associated with and applicable to scrap and waste processing facilities (SIC 5093) (nonliquid recyclable materials).

TABLE N-14.— SUMMARY OF ALTERNATIVE BMP OPTIONS FOR SCRAP AND WASTE RECYCLING PROCESSING FACILITIES

Activity	BMP alternatives			
Inbound Recyclable and Waste Material Control.	Establish program to encourage suppliers of scrap, waste and other salvageable materials to drain residual fluids prior to arrival at the facility.			
	Establish acceptance program for handling, storage and disposal of lead-acid batteries.			
	Establish procedures for rejecting or handling, storing and disposal of hazardous wastes and other nonhazardous residual fluids.			
	Establish procedures to properly handle industrial turnings and cuttings and prohibiting cutting oils and metallic fines from coming in contact with runoff.			
	Identify inspector training requirements.			
Outside Scrap Material Storage: (liquids)	Conduct inspections for fluids, e.g., oils, transmission fluids, antifreeze, brake fluid, and fuels. Establish handling/storage/disposal procedures for these materials.			

ii Composite samples.

iii Values reported for Group Application No. 1145.