

## **6.E Sector E. Glass, Clay, Cement, Concrete, and Gypsum Products**

### **6.E.1 Covered Storm Water Discharges**

The requirements in Part 6.E apply to storm water discharges associated with industrial activity from Glass, Clay, Cement, Concrete, and Gypsum Products facilities as identified by the SIC Codes specified under Sector E in Table 1 of Part 1. You must comply with the Part 6 sector-specific requirements associated with your primary industrial activity and any co-located industrial activities as defined in Part 12. The sector-specific requirements apply to those areas of your facility where those sector-specific activities occur.

### **6.E.2 Industrial Activities Covered by Sector E**

The SIC codes covered under Sector E are:

3211, 3221, 3229, 3231, 3241, 3251-3259, 3261-3269, 3271-3275, 3281, and 3291-3299

The requirements listed under this permit apply to storm water discharges associated with industrial activity from a facility engaged in either manufacturing the following products or performing the following activities:

- 6.E.2.1 flat, pressed, or blown glass or glass containers;
- 6.E.2.2 hydraulic cement;
- 6.E.2.3 clay products including tile and brick;
- 6.E.2.4 pottery and porcelain electrical supplies;
- 6.E.2.5 concrete products;
- 6.E.2.6 gypsum products;
- 6.E.2.7 minerals and earths, ground or otherwise treated;
- 6.E.2.8 non-clay refractories;
- 6.E.2.9 lime manufacturing;
- 6.E.2.10 cut stone and stone products;
- 6.E.2.11 asbestos products; and
- 6.E.2.12 mineral wool and mineral wool insulation products.

**6.E.3 Storm Water Pollution Prevention Plan (SWPPP) Requirements**

<b>Table E-1. SECTOR-SPECIFIC SWPPP REQUIREMENTS</b>	
<b>Part of Permit Affected</b>	<b>Supplemental Requirements</b> <i>Note: In addition to the following requirements, you must also comply with the requirements listed in Part 4 of the MSGP. If your SIC Code is not listed below then numeric limitations and benchmark monitoring do not apply except as otherwise noted below.</i>
4.2.2	<b>6.E.3.1 Drainage Area Site Map.</b> Document in the SWPPP the locations of the following, as applicable: bag house or other dust control device; recycle/sedimentation pond, clarifier, or other device used for the treatment of process wastewater, and the areas that drain to the treatment device.
4.2.9.2	<b>6.E.3.2 Good Housekeeping.</b> With good housekeeping, prevent or minimize the discharge of spilled cement, aggregate (including sand or gravel), kiln dust, fly ash, settled dust, or other significant material in storm water from paved portions of the site that are exposed to storm water. Consider sweeping regularly or using other equivalent measures to minimize the presence of these materials. Indicate in your SWPPP the frequency of sweeping or equivalent measures. Determine the frequency based on the amount of industrial activity occurring in the area and the frequency of precipitation, but it must be performed at least once a week if cement, aggregate, kiln dust, fly ash or settled dust are being handled or processed. You must also prevent the exposure of fine granular solids (cement, kiln dust, fly ash, etc.) to storm water where practicable, by storing these materials in enclosed silos, hoppers, or buildings or under other covering.
4.4.1	<b>6.E.3.4 Certification.</b> For facilities producing ready-mix concrete, concrete block, brick or similar products, include in the non-storm water discharge certification a description of measures that ensure that process waste water resulting from washing trucks, mixers, transport buckets, forms or other equipment are discharged in accordance with LPDES requirements or are recycled.

6.E.4 Monitoring and Reporting Requirements

<b>Table E-2. SECTOR-SPECIFIC NUMERIC LIMITATIONS AND BENCHMARK MONITORING</b>			
<b>Sector of Permit Affected/Supplemental Requirements</b>			
<i>Note: In addition to the following requirements, you must also comply with the requirements listed in Part 5 of the MSGP. If your SIC Code is not listed below then numeric limitations and benchmark monitoring do not apply except as otherwise noted below.</i>			
<b>Subsector (You may be subject to requirements for more than one sector/subsector.)</b>	<b>Parameter</b>	<b>Benchmark Monitoring Concentration<sup>1</sup></b>	<b>Numeric Limitation</b>
Clay Product Manufacturers (SIC 3251-3259, 3261-3269)	Total Aluminum	0.75 mg/L	---
	Total Organic Carbon (TOC)	---	50 mg/L, daily max. <sup>2</sup>
	Oil & Grease	---	15 mg/L, daily max. <sup>2</sup>
Concrete and Gypsum Product Manufacturers (SIC 3271-3275)	Total Suspended Solids (TSS)	100 mg/L	---
	Total Iron	1.0 mg/L	---
	Total Organic Carbon (TOC)	---	50 mg/L, daily max. <sup>2</sup>
	Oil & Grease	---	15 mg/L, daily max. <sup>2</sup>
Cement Manufacturing Facility, Material Storage Runoff: Any discharge composed of runoff that derives from the storage of materials including raw materials, intermediate products, finished products, and waste materials that are used in or derived from the manufacture of cement.	Total Suspended Solids (TSS)	---	50 mg/L, daily max. <sup>3</sup>
	pH	---	6.0 - 9.0 s.u. <sup>3</sup>
	Total Organic Carbon (TOC)	---	50 mg/L, daily max. <sup>3</sup>
	Oil & Grease	---	15 mg/L, daily max. <sup>3</sup>

<sup>1</sup> Monitor once/quarter for the year 2 and year 4 monitoring years (See Part 5.4.2 for possible year 4 monitoring waiver).

<sup>2</sup> The discharge from this permitted outfall shall not exceed a Daily Maximum of 50 mg/L Total Organic Carbon (TOC) or 15 mg/L Oil and Grease. **Unless required by Part 5.10 of this permit, analytical sampling and analysis of these parameters on a regular basis are not required.**

<sup>3</sup> Monitor once per calendar year during each year of the term of the permit.