

## **6. SECTOR-SPECIFIC REQUIREMENTS FOR INDUSTRIAL ACTIVITY**

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. These sector-specific requirements are in addition to the “basic” requirements specified in Parts 1-5 and 7-12 of this permit.

Based on the State requirement in the 1995, 2001, and 2006 MSGPs, limitations of 50 mg/L Total Organic Carbon (TOC) and 15 mg/L Oil and Grease have been included for all covered facilities. Facilities without analytical sampling and analysis requirements must ensure the pollution prevention plan will assure compliance with these effluent limitations and must conduct monitoring of each outfall subject to this sector in accordance with Part 5 of this permit.

### **6.A Sector A. Timber Products**

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

The requirements in Part 6.A apply to storm water discharges associated with industrial activity from Timber Products facilities as identified by the SIC Codes specified under Sector A 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.A.2 Industrial Activities Covered by Sector A**

SIC Codes covered under Sector A:

2421, 2491, 2411, 2426, 2429, 2431-2439 (except 2434), 2441, 2448, 2449, 2451, 2452, 2493, and 2499

The types of activities that permittees under Sector A are primarily engaged in are:

- 6.A.2.1 cutting timber and pulpwood (those that have log storage or pulp wood);
- 6.A.2.2 mills, including merchant, lathe, shingle, cooperage stock, planing, plywood and veneer;
- 6.A.2.3 producing lumber and wood basic materials;
- 6.A.2.4 wood preserving;
- 6.A.2.5 manufacturing finished articles made entirely of wood or related materials except wood kitchen cabinet manufacturers (covered under Sector W); and
- 6.A.2.6 manufacturing wood buildings or mobile homes.

**6.A.3 Special Coverage Conditions**

<b>Table A.1 – SECTOR-SPECIFIC SPECIAL CONDITIONS UNDER THIS PERMIT</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 1 of the MSGP.</i>
1.2.1.1.1	<b>6.A.3.1 Prohibition of Discharges.</b> Not covered by this permit: storm water that has come in contact with areas where spraying of chemical formulations designed to provide surface protection has occurred. These discharges must be covered by a separate LPDES permit.
1.2.2.2	<b>6.A.3.2 Authorized Non-Storm Water Discharges.</b> Also authorized by this permit, provided the non-storm water component of the discharge is in compliance with SWPPP requirements in Part 4.2.8 (Controls): discharges from the spray down of lumber and wood product storage yards where no chemical additives are used in the spray down waters and no chemicals are applied to the wood during storage.

**6.A.4 Storm Water Pollution Prevention Plan (SWPPP) Requirements**

<b>Table A.2 - 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.</i>
4.2.2	<b>6.A.4.1 Drainage Area Site Map.</b> On the map identify locations of the following activities where such activities are exposed to precipitation or surface runoff: processing areas; treatment chemical storage areas; treated wood and residue storage areas; wet decking areas; dry decking areas; untreated wood and residue storage areas; and treatment equipment storage areas.
4.2.6	<b>6.A.4.2 Inventory of Exposed Materials.</b> Where information exists, if your facility has used chlorophenolic, creosote, or chromium-copper-arsenic formulations for wood surface protection or wood preserving, document in your SWPPP the following: areas where contaminated soils, treatment equipment, and stored materials still remain and the management practices employed to minimize the contact of these materials with storm water runoff.
4.2.8	<b>6.A.4.3 Description of Storm Water Management Controls.</b> Document in your SWPPP measures implemented to address the following activities and sources at the site: log, lumber and other wood product storage areas; residue storage areas; loading and unloading areas; material handling areas; chemical storage areas; and equipment and vehicle maintenance, storage and repair areas. If your facility performs wood surface protection and preservation activities, address the specific control measures, including any BMPs for these activities.
4.2.9.2	<b>6.A.4.4 Good Housekeeping.</b> In areas where storage, loading and unloading, and material handling occur, perform good housekeeping to limit the discharge of wood debris; minimize the leachate generated from decaying wood

<b>Table A.2 - 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.</i>
	materials; and minimize the generation of dust.
4.2.6	<b>6.A.4.5 Inspections.</b> If your facility performs wood surface protection and preservation activities, inspect processing areas, transport areas, and treated wood storage areas monthly to assess the usefulness of practices to minimize the deposit of treatment chemicals on unprotected soils and in areas that will come in contact with storm water discharges.

**6.A.5 Monitoring and Reporting Requirements** (See also Part 5)

<b>Table A.3 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.</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<sup>2</sup></b>
General Sawmills and Planing Mills (SIC 2421)	Chemical Oxygen Demand (COD)	120 mg/L	---
	Total Suspended Solids (TSS)	100 mg/L	---
	Total Zinc <sup>4</sup>	Hardness Dependent	---
	Total Organic Carbon (TOC)	---	50 mg/L
	Oil & Grease	---	15 mg/L
Wood Preserving (SIC 2491)	Total Arsenic	0.15 mg/L	---
	Total Copper <sup>4</sup>	Hardness Dependent	---
	Total Organic Carbon (TOC)	---	50 mg/L
	Oil & Grease	---	15 mg/L
Log Storage and Handling (SIC 2411)	Total Suspended Solids (TSS)	100 mg/L	---
	Total Organic Carbon (TOC)	---	50 mg/L
	Oil & Grease	---	15 mg/L

<b>Table A.3 SECTOR-SPECIFIC NUMERIC LIMITATIONS AND BENCHMARK MONITORING</b>			
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<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>
Wet Decking Discharges at Log Storage and Handling Areas (SIC 2411)	pH	---	6.0 - 9.0 s.u. <sup>3</sup>
	Debris (woody material such as bark, twigs, branches, heartwood, or sapwood)	---	No Discharge of debris that will not pass through a 2.54 cm (1") diameter round opening <sup>3</sup>
	Total Organic Carbon (TOC)	---	50 mg/L <sup>2</sup>
	Oil & Grease	---	15 mg/L <sup>2</sup>
Hardwood Dimension and Flooring Mills; Special Products Sawmills, not elsewhere classified; Millwork, Veneer, Plywood and Structural Wood; Wood Containers; Wood Buildings and Mobile Homes; Reconstituted Wood Products; and Wood Products Facilities not elsewhere classified (SIC Codes 2426, 2429, 2431-2439 (except 2434), 2441, 2448, 2449, 2451, 2452, 2493, and 2499)	Chemical Oxygen Demand (COD)	120 mg/L	---
	Total Suspended Solids (TSS)	100 mg/L	---
	Total Organic Carbon (TOC)	---	50 mg/L <sup>2</sup>
	Oil & Grease	---	15 mg/L <sup>2</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.

<sup>4</sup> The benchmark values of some metals are dependent on water hardness. For these parameters, permittees must determine the hardness of the receiving water (see Addendum E, "Calculating Hardness in Receiving Waters for Hardness Dependent Metals," for methodology), in accordance with Part 5.4, to identify the applicable 'hardness range' for determining their benchmark value applicable to their facility. The ranges occur in 25 mg/L increments. Hardness Dependent Benchmarks follow in the table below:

<b>Water Hardness Range</b>	<b>Copper (mg/L)</b>	<b>Zinc (mg/L)</b>
0-25 mg/L	0.0038	0.04
25-50 mg/L	0.0056	0.05
50-75 mg/L	0.0090	0.08
75-100 mg/L	0.0123	0.11
100-125 mg/L	0.0156	0.13
125-150 mg/L	0.0189	0.16
150-175 mg/L	0.0221	0.18
175-200 mg/L	0.0253	0.20
200-225 mg/L	0.0285	0.23
225-250 mg/L	0.0316	0.25
250+ mg/L	0.0332	0.26