

**APPENDIX J**

**TABLE OF MONITORING REQUIREMENTS IN EPA'S GENERAL PERMIT**



| EPA FINAL GENERAL PERMIT MONITORING REQUIREMENTS <sup>1</sup>                                |                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    |                      |                     |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| Type of Facility                                                                             | Type of Storm Water Discharge                                                                                                                                                                                                                                                            | Parameters                                                                                                                                                                                                                                                                                                                                                                         | Monitoring Frequency | Reporting Frequency |
| EPCRA, Section 313 Facilities Subject to Reporting Requirements for Water Priority Chemicals | Storm water discharges that come into contact with any equipment, tank, container, or other vessel or area used for storage of a Section 313 water priority chemical, or located at a truck or rail car loading or unloading area where a Section 313 water priority chemical is handled | Oil and Grease, BOD <sub>5</sub> , COD, TSS, Total Kjeldahl Nitrogen, Total Phosphorus, pH, acute whole effluent toxicity <sup>2</sup> , any Section 313 water priority chemical for which the facility reports                                                                                                                                                                    | Semi-annual          | Annual              |
| Primary Metal Industries (SIC 33)                                                            | All storm water discharges associated with industrial activity                                                                                                                                                                                                                           | Oil and Grease, COD, TSS, pH, acute whole effluent toxicity <sup>2</sup> , Total Recoverable Lead, Total Recoverable Cadmium, Total Recoverable Copper, Total Recoverable Arsenic, Total Recoverable Chromium, and any pollutant limited in an effluent guideline to which the facility is subject                                                                                 | Semi-annual          | Annual              |
| Land Disposal Units/ Incinerators/ BIFs                                                      | Storm water discharges from active or inactive land disposal units without a stabilized cover that have received any waste from industrial facilities other than construction sites; and storm water discharges from incinerators and BIFs that burn hazardous waste                     | Total Recoverable Magnesium, Magnesium (dissolved), Total Kjeldahl Nitrogen, COD, TDS, TOC, Oil and Grease, pH, Total Recoverable Arsenic, Total Recoverable Barium, Total Recoverable Cadmium, Total Recoverable Chromium, Total Cyanide, Total Recoverable Lead, Total Mercury, Total Recoverable Selenium, Total Recoverable Silver, acute whole effluent toxicity <sup>2</sup> | Semi-annual          | Annual              |

EPA FINAL GENERAL PERMIT MONITORING REQUIREMENTS<sup>1</sup>

| Type of Facility                                       | Type of Storm Water Discharge                                                                                                                                                                                                                                                                                 | Parameters                                                                                                                                                                                                                                                   | Monitoring Frequency | Reporting Frequency |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| Wood Treatment Facilities                              | Storm water discharges from areas that are used for wood treatment, wood surface application or storage of treated or surface protected wood<br><br>Facilities that use chlorophenolic formulations<br><br>Facilities that use creosote formulations<br><br>Facilities that use chromium-arsenic formulations | Oil and Grease, pH, COD, TSS<br><br>Plus Pentachlorophenol and acute whole effluent toxicity <sup>2</sup><br><br>Plus acute whole effluent toxicity <sup>2</sup><br><br>Plus Total Recoverable Arsenic, Total Recoverable Chromium, Total Recoverable Copper | Semi-annual          | Annual              |
| Industrial Facilities with Coal Piles                  | Storm water discharges from coal pile runoff                                                                                                                                                                                                                                                                  | Oil and Grease, pH, TSS, Total Recoverable Copper, Total Recoverable Nickel, Total Recoverable Zinc                                                                                                                                                          | Semi-annual          | Annual              |
| Battery Reclaimers                                     | Storm water discharges from areas for storage of lead acid batteries, reclamation products, or waste products, and areas used for lead acid battery reclamation                                                                                                                                               | Oil and Grease, COD, TSS, pH, Total Recoverable Copper, Total Recoverable Lead                                                                                                                                                                               | Semi-annual          | Annual              |
| Airports (with over 50,000 flight operations per year) | Storm water discharges from aircraft or airport deicing areas                                                                                                                                                                                                                                                 | Oil and Grease, BOD5, COD, TSS, pH, and the primary ingredient used in the deicing materials                                                                                                                                                                 | Annual               | Retain onsite       |
| Coal-fired Steam Electric Facilities                   | Storm water discharges from coal handling sites (other than runoff from coal piles which is not eligible for coverage under this permit)                                                                                                                                                                      | Oil and Grease, pH, TSS, Total Recoverable Copper, Total Recoverable Nickel, Total Recoverable Zinc                                                                                                                                                          | Annual               | Retain onsite       |

| <b>EPA FINAL GENERAL PERMIT MONITORING REQUIREMENTS<sup>1</sup></b>                   |                                                                                                                                                                                                                                                                       |                                                                                                               |                             |                            |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------|
| <b>Type of Facility</b>                                                               | <b>Type of Storm Water Discharge</b>                                                                                                                                                                                                                                  | <b>Parameters</b>                                                                                             | <b>Monitoring Frequency</b> | <b>Reporting Frequency</b> |
| Animal Handling/<br>Meat Packing<br>Facilities                                        | Storm water discharges from animal handling areas, manure management areas, production waste management areas exposed to precipitation at meat packing plants, poultry packing plants, facilities that manufacture animal and marine fats and oils                    | BOD5, Oil and Grease, COD, TSS, Total Kjeldahl Nitrogen (TKN), Total Phosphorus, pH, Fecal Coliform           | Annual                      | Retain onsite              |
| Chemical and Allied Product Manufacturers/<br>Rubber Manufacturers<br>(SIC 28 and 30) | Storm water discharges that come into contact with solid chemical storage piles                                                                                                                                                                                       | Oil and Grease, COD, TSS, pH, any pollutant limited in an effluent guideline to which the facility is subject | Annual                      | Retain onsite              |
| Automobile Junkyards                                                                  | Storm water discharges exposed to:<br><br>(a) over 250 auto/truck bodies with drivelines, 250 drivelines, or any combination thereof<br><br>(b) over 500 auto/truck units<br><br>(c) over 100 units dismantled per year where automotive fluids are drained or stored | Oil and Grease, COD, TSS, pH, any pollutant limited in an effluent guideline to which the facility is subject | Annual                      | Retain onsite              |
| Lime Manufacturing Facilities                                                         | Storm water discharges that have come into contact with lime storage piles                                                                                                                                                                                            | Oil and Grease, COD, TSS, pH, any pollutant limited in an effluent guideline to which the facility is subject | Annual                      | Retain onsite              |
| Oil-fired Steam Electric Power Generating Facilities                                  | Storm water discharges from oil handling sites                                                                                                                                                                                                                        | Oil and Grease, COD, TSS, pH, any pollutant limited in an effluent guideline to which the facility is subject | Annual                      | Retain onsite              |
| Cement Manufacturing Facilities and Cement Kilns                                      | All storm water discharges associated with industrial activity (except those from material storage piles that are not eligible for coverage under this permit)                                                                                                        | Oil and Grease, COD, TSS, pH, any pollutant limited in an effluent guideline to which the facility is subject | Annual                      | Retain onsite              |

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|---------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| Type of Facility                                              | Type of Storm Water Discharge                                  | Parameters                                                                                                    | Monitoring Frequency | Reporting Frequency |
| Ready-mix Concrete Facilities                                 | All storm water discharges associated with industrial activity | Oil and Grease, COD, TSS, pH, any pollutant limited in an effluent guideline to which the facility is subject | Annual               | Retain onsite       |
| Ship Building and Repairing Facilities                        | All storm water discharges associated with industrial activity | Oil and Grease, COD, TSS, pH, any pollutant limited in an effluent guideline to which the facility is subject | Annual               | Retain onsite       |

<sup>1</sup>A discharger is not subject to the monitoring requirements provided the discharger makes a certification for a given outfall, on an annual basis, under penalty of law, that material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, industrial machinery or operations, significant materials from past industrial activities, or, in the case of airports, deicing activities, that are located in areas of the facility that are within the drainage area of the outfall are not presently exposed to storm water and will not be exposed to storm water for the certification period.

<sup>2</sup>A discharger may, in lieu of monitoring for acute whole effluent toxicity, monitor for pollutants identified in Tables II and III of Appendix D of 40 CFR Part 122 that the discharger knows or has reason to believe are present at the facility site. Such determinations are to be based on reasonable best efforts to identify significant quantities of materials or chemical present at the facility.