



NJ DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER QUALITY  
BUREAU OF NONPOINT POLLUTION CONTROL



## CONCRETE INDUSTRY SPECIFIC STORMWATER PERMIT NJ0108456

The Concrete Industry - Specific Permit (CISP) is available to facilities that manufacture concrete and/or concrete products. This industry - specific permit regulates industrial stormwater discharges to surface and ground waters of the State. The CISP was designed to provide an alternative for regulated facilities that can **not** eliminate all exposure of industrial materials, activities or source material to stormwater (including rainfall and snowmelt waters), and thus cannot qualify for the Bureau of Nonpoint Pollution Control's (Bureau) Basic Industrial Stormwater General Permit (NJ0088315). The CIS Permit is one of the Bureau's various industry - specific permits, which are designed to provide a particular industry sector with specific requirements, developed in concert with industry representatives, so that regulation and compliance may be standardized throughout the State. The Bureau collaborated with representatives from the New Jersey Concrete and Aggregate Association to develop a comprehensive and workable industry - specific permit. The Bureau of Nonpoint Pollution Control would like to thank the Association for their input and eagerness to work with the Department on this endeavor.

This permit has significant advantages over individual permits, which are tailored for facilities that can not eliminate all their source material exposure to stormwater. Permittees authorized under the CISP now have regulatory options

***This permit provides options for concrete facilities, dependent upon the type(s) of discharges occurring at the facility.***

dependent upon the type(s) of discharges occurring at their facility. Process wastewater discharges, normally regulated under a separate NJPDES permit, are now regulated under the CISP, at a considerable cost benefit to permittees. Permittees discharging only stormwater have the opportunity to comply with benchmark concentration limits rather than effluent limitations. If these limits are exceeded twice consecutively or six times within the five year permit term, then the permit requires the imposition of effluent limitations for those parameters. Additionally, facilities are instructed to carry out a few Minimum Industry Requirements, such as achieving drainage control over their entire site; expanding upon or implementing for the first time a facility-wide recycling program; eliminating all industrial discharges to ground water; and utilizing the option of discharging authorized process wastewater to surface water.

### Who Is Eligible?

This permit may authorize those new and existing stormwater discharges subject to the stormwater permitting requirements at N.J.A.C. 7:14A from facilities operating under the former Standard Industrial Classification

(SIC) Codes 3271, 3272, and 3273; facilities operating under the current equivalent North American Industrial Classification System (NAICS) Codes such as 327331, 327999, 327332, 327290, and 327320; as well as facilities conducting similar or related industrial activities independent of their industrial coding classification.

The following discharges are not eligible for authorization under this permit: industrial stormwater discharges authorized under another NJPDES Discharge to Surface Water (DSW) or Discharge to Ground Water (DGW) permit (including an expired permit); stormwater discharges from facilities with "sanitary landfills" or "hazardous waste landfills", as defined in N.J.A.C. 7:26-1.4, which have "significant materials" exposed, as defined in 40 CFR 122.26(b)(12); stormwater discharges from facilities subject to stormwater effluent limitation guidelines under 40 CFR Subchapter N (e.g., runoff from material storage piles at some cement manufacturing facilities and some mine dewatering activities); and other discharges not explicitly mentioned in this permit.

### How Do I Apply?

If you are eligible for the CISP you must submit a completed Request for Authorization (RFA), which may be obtained at [www.state.nj.us/dep/dwq/pfd/rfa\\_1storm.pdf](http://www.state.nj.us/dep/dwq/pfd/rfa_1storm.pdf), or by calling the Bureau at (609) 633-7021.

A complete RFA consists of the submittal of a completed RFA-1 Storm Form and a copy of the portion of a USGS topographical quadrangle map depicting the facility's location and site boundaries. If utilizing prior versions of the RFA, Attachment A must also be included. Please do not send any permit fees with the RFA. Permittees will be billed separately by the Bureau of Permit Management. Please contact them at 609-984-4428 with any billing questions.

The completed RFA package should be sent to the:

NJ Dept. of Environmental Protection  
Division of Water Quality  
Bureau of Permit Management  
P.O. Box 029  
Trenton, NJ 08625-0029

### **What Are The Permit Requirements?**

The principal requirement of the CISP is the preparation and implementation of a Stormwater Pollution Prevention Plan (SPPP). The SPPP is an inventory of the permitted facility and identifies potential areas where stormwater may come into contact with industrial materials and/or activities and describes actions the facility will take to eliminate the exposure of stormwater in these areas. For areas of the facility where exposure cannot be eliminated, the SPPP shall describe BMPs, which upon implementation, will minimize pollutants in stormwater discharges. This document is certified to the DEP, upon preparation and upon implementation, on forms provided by the Department.

Existing permittees and existing facilities not previously permitted

under this permit, have six months from October 1, 2003 (the effective date of the final permit or EDP) to develop or revise their SPPP and submit Attachment C along with the completed Drainage Control Plan Forms. The submittal of Attachment C certifies the development of the SPPP is complete. These facilities are granted twenty-four months from the EDP to fully implement the SPPP. This is certified to the Department by the submittal of Attachment D. An annual inspection and annual report are also required and are to be conducted thirty-six months after EDP, and annually thereafter. This permit requirement is certified to the Department by the submittal of Recertification D.

New facilities must have their SPPP prepared and fully implemented at the time of application and must submit Attachments C and D and the completed Drainage Control Plan Forms with a complete RFA. Their Recertification D is due twelve months from the effective date of their permit authorization.

Facilities discharging stormwater only are required to monitor on a quarterly basis for the following parameters: Total Suspended Solids (TSS), Total Dissolved Solids (TDS), Oil and Grease, Chemical Oxygen Demand (COD), Total Iron (Fe) and pH. Effluent limitations for these parameters will be imposed if facilities exceed benchmark concentration limits either twice consecutively or six times within the five year permit term. Please refer to Tables 2 and 3 in the permit for these specific limits.

Facilities discharging process wastewater, either solely or co-

mingled with stormwater, must meet effluent limitations for the following parameters: Flow (report only), pH, TSS, Oil and Grease, COD and Total Iron. Sampling of these discharges shall be conducted on a monthly basis.

All sampling shall commence twenty-four months after EDP, except for new facilities, who shall begin sampling upon the effective date of their permit authorization.

Facilities that do not recycle unused concrete from batch mixes or that which accumulates in a basin from various process activities conducted on site, must comply with the Sludge Quality Assurance Regulations, N.J.A.C. 7:14C, which require monitoring of these residual materials. For a complete list of parameters to be sampled please refer to Part III.E. of the permit.

The recycling of unused concrete and/or residual materials is strongly encouraged. This may be accomplished by utilizing these materials on site, or taking them to an approved Class B recycling center (manifest forms must be filed with the SPPP if choosing the latter).

There are other general conditions that the permittee must follow and are specified in the permit.

### **How Do I Get More Information?**

The CISP and application forms can be downloaded from the internet at [www.state.nj.us/dep/dwq/gps.htm#stormwater](http://www.state.nj.us/dep/dwq/gps.htm#stormwater), or you may contact the Bureau at 609-633-7021.