

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER QUALITY**

**SUPPLEMENTAL APPLICATION FORM TO NJPDES-1 FOR CATEGORY CG**  
(General Non-Contact Cooling Water) Discharge to Surface Water (DSW) Permit

Please provide a cover letter, NJPDES-1 form and this supplemental form to complete a Request For Authorization (RFA) for any new or renewal CG NJPDES DSW Permit. Provide all applicable information. Please print or type (Attach additional sheets if necessary). Please contact the Bureau of Surface Water and Pretreatment Permitting at (609) 292-4860 with any questions on this form.

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>1. FACILITY NAME:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                                 | <b>2. NJPDES INDIVIDUAL AUTHORIZATION NO.</b><br>(New Applicants Leave Blank)<br><b>NJG:</b> |                                              |
| <b>3. THE PERMIT APPLICATION SHALL INCLUDE THE FOLLOWING ATTACHMENTS:</b><br><b>A. FACILITY DIAGRAM</b> (Show facility and location of discharge)<br><b>B. TREATMENT FLOW DIAGRAM</b> (Show wastewater flow, treatment, sampling and discharge points)<br><b>C. USGS MAP</b> (U.S. Geological Survey Topographic Map, 7.5 minute Quadrangle Series) (Show facility and location of discharges to streams, storm sewers, and storm sewer discharges to streams as applicable)                                                                                               |                                |                                 |                                                                                              |                                              |
| <b>4. Outfall Information:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                 |                                                                                              |                                              |
| OUTFALL<br>NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LATITUDE<br>(deg., min., sec.) | LONGITUDE<br>(deg., min., sec.) | Conveyances<br>(pipe, storm drain (private<br>or public), ditch, other)                      | RECEIVING WATER<br>(name and classification) |
| DSN001A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |                                 |                                                                                              |                                              |
| DSN002A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |                                 |                                                                                              |                                              |
| DSN003A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |                                 |                                                                                              |                                              |
| DSN004A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |                                 |                                                                                              |                                              |
| <b>5. Pollutants/Treatment Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                |                                 |                                                                                              |                                              |
| <b>a) Priority Pollutants Scan</b> – (For New Applicants Only) Attach the laboratory data (results only) of at least <b>ONE REPRESENTATIVE SAMPLE OF THE EFFLUENT</b> , including but not limited to; Volatiles, Acid Compounds, Base Neutral, Metals and Cyanide must be analyzed. <u>See the attached list of required parameters to be sampled.</u> The applicant may use historical data, as long as it is representative of the proposed discharge and provided that the data was collected <u>no more than 12 months prior to the submittal of this application.</u> |                                |                                 |                                                                                              |                                              |
| <b>b) List Any Treatment Used</b> (e.g. settling, oil/water separation, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |                                 |                                                                                              |                                              |
| <b>c) Please list any biocides or other additives used and <u>provide the SDS sheets for each:</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |                                 |                                                                                              |                                              |

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| <p><b>6. WHERE IS THE SAMPLE TAKEN?</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p><b>7. IS THE EFFLUENT COMMINGLED WITH STORMWATER?</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p><b>8. HOW IS FLOW MEASURED?</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p><b>9. EVIDENCE OF APPLICATION SUBMISSION TO THE AFFECTED SEWERAGE ENTITY(IES) AND MUNICIPALITY:</b> Applicable for <b>NEW discharges or activities or for a change in the location or method of discharge for EXISTING discharges</b>. Submit copies of the signed and dated notices that were sent along with this application to the affected sewerage entity(ies) and municipality via certified mail return receipts requested or by other means of verification, and copies of the dated certified mail return receipts or other means of verification of receipt.</p> <p>NOTE: Prior to submitting the application to the Department, submit the following to the affected sewerage entity(ies) and municipality in accordance with N.J.A.C. 7:14A-4.3(a)13:</p> <ol style="list-style-type: none"> <li>1. A copy of the Application.</li> <li>2. A written notice (certified mail return receipt requested or by other means which allows verification of the fact and date of receipt) that the sewerage entity(ies) and municipality must submit to the Department written comments regarding or objections to the proposed discharge or activity within 30 days of receipt of said notice. The Department shall consider these comments in determining whether to issue an authorization. The Department can proceed with the authorization even if comments are not submitted.</li> </ol> |
| <p><b>10. PUBLIC NOTICE:</b> The permittee is required to publish the following in a daily or weekly newspaper within the affected area for one day to request authorization under the General Permit pursuant to N.J.A.C. 7:14A- 6.13(d)3:</p> <p><i>"Notice is hereby given that pursuant to N.J.A.C. 7:14A-6.13(d)3, _____ [name of applicant] intends to submit a request for authorization under the General Non-Contact Cooling Water Permit, No. NJ0070203 to the N.J. Department of Environmental Protection. This authorization will allow _____ [name and address of facility] to discharge non-contact cooling water into select surface waters of the State."</i></p> <p><b>Please submit documentation that a public notice has been completed (Attach signed letter or copy of public notice).</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p><b>11. TREATMENT WORKS APPROVAL:</b> Prior to discharge and upon issuance of a Final permit, a General Industrial Treatment Works Approval (GI TWA) may be required for the construction of a treatment works (N.J.A.C. 7:14A-22) which will enable you to meet limits and conditions of the NJPDES permit. If you have any questions or comments regarding the TWA, please contact the General Industrial TWA Permits Section of the Bureau of Construction and Connection Permits at (609) 984-4429.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p><b>12. STORM DRAINAGE SYSTEMS UNDER THE JURISDICTION OF THE NJDOT</b> If the applicant will make an attachment or install drainage facilities to any NJDOT storm drainage system or within the state highway system, it shall contact the appropriate NJDOT office below:</p> <p>Northern Office 973-601-6625-5140, Counties: Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union and portions of Warren (North of Route 57 only)</p> <p>Central Office 732-625-4330, Counties: Hunterdon, Mercer, Middlesex, Monmouth, Ocean, Somerset and portions of Warren (Routes 22, 122, 173, 78 and including south of Route 57 only)</p> <p>Southern Office 856-486-6688, Counties: Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, and Salem</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>13. CERTIFICATION BY THE APPLICANT:</b></p> <p><b>"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly or negligently submitting false information."</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|                      |      |                       |               |
|----------------------|------|-----------------------|---------------|
| NAME (TYPE OR PRINT) |      | TITLE (TYPE OR PRINT) |               |
| SIGNATURE            | DATE | PHONE NUMBER          | EMAIL ADDRESS |

For \_\_\_\_\_  
NAME OF APPLICANT/OPERATING ENTITY (Type or Print)

**SUBMIT THIS FORM ALONG WITH A COVER LETTER, THE  
NJPDES FORM-1 AND NECESSARY ATTACHMENTS TO:**

**dwq\_pas@dep.nj.gov**

## ORGANIC TOXIC POLLUTANTS IN EACH OF FOUR FRACTIONS IN ANALYSIS BY GAS CHROMATOGRAPHY/MASS SPECTROSCOPY (GC/MS)

### Volatiles

Acrolein  
Acrylonitrile  
Benzene  
Bromoform  
Carbon Tetrachloride  
Chlorobenzene  
Chlorodibromomethane  
(Dibromochloromethane)  
Chloroethane  
2-Chloroethylvinyl Ether  
Chloroform  
Dichlorobromomethane  
1,1-Dichloroethane  
1,2-Dichloroethane  
1,1-Dichloroethylene  
1,2-Dichloropropane  
1,3-Dichloropropylene  
Ethylbenzene  
Methyl Bromide  
Methyl Chloride  
Methylene Chloride  
1,1,2,2-Tetrachloroethane  
Tetrachloroethylene  
Toluene  
1,2-trans-Dichloroethylene  
1,1,1-Trichloroethane  
1,1,2-Trichloroethane  
Trichloroethylene  
Vinyl Chloride

### Acid Compounds

2-Chlorophenol  
2,4-Dichlorophenol  
2,4-Dimethylphenol  
4,6-Dinitro-O-Cresol  
2,4-Dinitrophenol  
2-Nitrophenol  
4-Nitrophenol  
P-Chloro-M-Cresol  
Pentachlorophenol  
Phenol, Single Compound  
2,4,5-Trichlorophenol  
2,4,6-Trichlorophenol

### Base/Neutral

Acenaphthene  
Acenaphthylene  
Anthracene  
Benzidine  
Benzo(a)Anthracene  
Benzo(a)Pyrene  
3,4-Benzofluoranthene  
Benzo(ghi)Perylene  
Benzo(k)Fluoranthene  
Bis (2-Chloroethoxy) Methane  
Bis (2-Chloroethyl) Ether  
Bis (2-Chloroisopropyl) Ether  
Bis (2-Ethylhexyl) Phthalate  
4-Bromophenyl Phenyl Ether  
Butyl Benzyl Phthalate  
Chloride  
2-Chloronaphthalene  
4-Chlorophenyl Phenyl Ether  
Chrysene  
Dibenzo (a,h) Anthracene  
1,2-Dichlorobenzene  
1,3-Dichlorobenzene  
1,4-Dichlorobenzene  
3,3'-Dichlorobenzidine  
Diethyl Phthalate  
Dimethyl Phthalate  
Di-N-Butyl Phthalate  
2,4-Dinitrotoluene  
2,6-Dinitrotoluene  
Di-N-Octyl Phthalate  
1,2-Diphenylhydrazine(as Azobenzene)  
Fluoranthene  
Fluorene  
Hexachlorobenzene  
Hexachlorobutadiene  
Hexachlorocyclopentadiene  
Hexachloroethane  
Indeno (1,2,3-cd) Pyrene  
Isophorone  
Naphthalene  
Nitrobenzene  
N-Nitrosodiethylamine  
N-Nitrosodimethylamine  
N-Nitrosodi-N butylamine  
N-Nitrosodi-N-Propylamine  
(Di-N-Propylnitrosamine)  
N-Nitrosodiphenylamine  
N-Nitrosopyrrolidine  
Pentachlorobenzene  
Phenanthrene  
Pyrene  
1,2,4,5-Tetrachlorobenzene  
1,2,4-Trichlorobenzene

### Metals and Cyanide

Antimony, Total Recoverable  
Arsenic, Total Recoverable  
Beryllium, Total Recoverable  
Cadmium, Total Recoverable  
Chromium, Total Recoverable  
Copper, Total Recoverable  
Lead, Total Recoverable  
Mercury, Total Recoverable  
Nickel, Total Recoverable  
Selenium, Total Recoverable  
Silver, Total Recoverable  
Thallium, Total Recoverable  
Zinc, Total Recoverable  
Cyanide, Total