

MARYLAND DEPARTMENT OF THE ENVIRONMENT

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**WASTEWATER DISCHARGE PERMIT APPLICATION SUPPLEMENT:
INDUSTRIAL WASTEWATER TREATMENT PLANT CLASSIFICATION**

[1] Name of facility: _____;

[2] Current State Discharge Permit Number (for renewals only): -DP- _____;

[3] What is the current classification of your industrial wastewater treatment system? *Please refer to the attached table (Table 1, Classification Of Industrial Wastewater Treatment Plants) and indicate the numeric classification as described in the table:*

CLASSIFICATION: _____;

[4] What type of treatment system, as referenced in *Table 1*, best describes your wastewater treatment system?

TYPE OF TREATMENT SYSTEM: _____;

[5] If your industrial wastewater operator or superintendent is certified, what is the classification? (See the certified operator's certificate).

OPERATOR CERTIFICATION: _____;

OR, If you believe that your process is one of the exempted facilities, see the attached table (Table 2, Facilities Not Required To Have Certified Operators), please check the following box:

[] *Certified Operator Not Needed*

INDUSTRIAL WASTEWATER TREATMENT PLANT CLASSIFICATION

Table 1

CLASSIFICATION OF INDUSTRIAL WASTEWATER TREATMENT PLANTS

| Class of Plants | Type of Treatment Systems | Typical Processes Included in the System |
|------------------------|----------------------------------|---|
| 1 | Basic Treatment | Petroleum base oil separators, liquid cooling and pH control. |
| 2 | Physical Treatment | Sedimentation, screening, pH control and solids removal. |
| 3 | Land Treatment | Primary treatment, sedimentation, solids removal, pumping and land treatment. |
| 4 | Biological Lagoons | Aerobic or anaerobic waste stabilization lagoons, disinfection and chemical addition. |
| 5 | Activated Sludge | Primary treatment, sedimentation, activated sludge and sludge handling. |
| 6 | Physical Chemical Treatment | Reduction of chemical and toxic substances including but not limited to cyanide and chromium, acid-alkali neutralization, coagulation and flocculation. |
| 7 | Site Specific | Plants not covered under the first six types of treatment yet covered under these regulations. |

Table 2

FACILITIES NOT REQUIRED TO HAVE CERTIFIED OPERATORS

Note: Generally speaking, the following categories of facilities are not required by the Code of Maryland Regulations (COMAR) to have certified operators:

- Petroleum storage and distribution facilities
- Seafood processors
- Vehicle washing facilities
- Vehicle maintenance facilities
- Sand and gravel facilities
- Stone quarries
- Industries de-chlorinating supply water as their only treatment
- Industries discharging only storm water runoff
- Industries performing tank or pipe hydrostatic testing