

**BUREAU OF LAND & WATER QUALITY
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**MAINE WASTE DISCHARGE LICENSE APPLICATION
FOR SUBSURFACE WASTE WATER DISPOSAL SYSTEM**

DEPLW0313B2005
REVISED: 08/08/2005

INFORMATIONAL REQUIREMENTS

The following material will be considered as part of this application.

EXHIBIT #1 - CERTIFICATION OF GOOD STANDING - Submit this document issued from the Secretary of the State of Maine. (Required for corporations submitting new applications or for transfer of ownership)

EXHIBIT #2 - GEOGRAPHIC SITE MAPS - Submit a copy of a U. S. Geological Survey (USGS) or U.S. Coastal and Geodetic Survey map with a scale of 1:24,000 (7 1/2 minute series) illustrating the geographic site and delineation of the property. Also submit a copy of a tax map from the Assessor's office in the town or city where the facility is located. The tax map should identify the map and lot number of the property as well as the names of abutting property owners. If possible, indicate updated property line dimensions, location of wells, dwellings, any significant land use changes and the location of the treatment and disposal facility.

EXHIBIT #3 - CONSTRUCTION SCHEDULE - Submit an estimated construction schedule for new facilities and proposed expansions of existing facilities.

EXHIBIT #4 - SOURCE DESCRIPTION - Provide information as to the source and nature of the waste water including but not limited to; industrial input to the system, population served, and design flows.

EXHIBIT #5 - SITE INFORMATION - All applicants must submit a Class B, High Intensity Soil Survey performed by a Certified Soil Scientist, identifying the soil types in the vicinity of the subsurface waste water disposal system and an assessment of the suitability of the soils for treatment and disposal of waste water. A detailed topographic site plan shall be submitted including existing and finished grade contours, location of wetland areas, rock outcroppings, vegetative cover, streams, and any other natural or man made features that may affect development, operation or performance of the subsurface waste water disposal system.

EXHIBIT #6 - PRETREATMENT - Submit a description of the treatment process from influent to effluent, characteristics of influent and effluent, detention times, methods of odor control, equipment used in the treatment process and a schematic of the pretreatment process.

EXHIBIT #7 - STORAGE FACILITY - Submit a description of the method of storage of waste water before subsurface treatment. If the storage facility involves a lagoon, then the applicant must demonstrate the facility is sited and designed to minimize leakage and will not violate surface water or ground water water quality standards. Submit an assessment of ground water elevations and flow direction, performed by a certified Geologist, in the vicinity of the storage lagoon(s) and a summary of design criteria utilized to determine storage capacity for the facility. The summary shall include, but not be limited to, precipitation and evapotranspiration rates, flow rates, leakage rates, liner selection, and a schematic of waste water flow through the system.

EXHIBIT #8 - SUBSURFACE TREATMENT SYSTEM - Submit plans illustrating the design and layout of the treatment and distribution systems. Submit an erosion and sediment control plan, a vegetative management plan and surface water control plan. Submit information and calculations to support the proposed hydraulic/pollutant loading rate.

EXHIBIT #9 - OPERATIONAL/ENVIRONMENTAL MONITORING PLANS Submit plans for monitoring of ground water, surface waters, waste water, and operations. Ground water plans shall include schedules and parameters to be monitored, monitoring well locations and a diagram of the monitoring well design. Surface water and waste water plans shall include location of monitoring stations, monitoring parameters and schedules. Operational monitoring shall include storage elevation, precipitation, volume, dates and areas irrigated.

EXHIBIT #10 - CONSENT AGREEMENTS, COURT ORDERS, ETC. Describe any orders which you are under by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of waste water treatment equipment or practices of any other environmental programs which may affect the discharge described in the application. These may include, but are not limited to conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

EXHIBIT #11 - LICENSE RENEWAL OR AMENDMENT - Submit an updated source description; identify type or treatment and distribution system; summarize past performance; demonstrate compliance with the effective waste discharge license; describe any proposed changes in the system or operation of the system; and if applicable, proposed changes in the effective waste discharge license.