



CONSTRUCTION ENVIRONMENTAL HEALTH & SAFETY EXHIBIT

WASTEWATER MANAGEMENT

I. General Requirements

- A. All Contractors and Subcontractors performing work on projects conducted at or on behalf of the University shall comply with all applicable federal environmental regulations (EPA, OSHA, etc.), state environmental regulations (MassDEP, Department of Public Health, Massachusetts Water Resources Authority, etc.), and local environmental regulations and ordinances (as appropriate) as well as the University-specific guidelines outlined in the following Sub-Sections.
- B. The requirements included in the following Sub-Sections have been developed to aid Contractors and Subcontractors in navigating through relevant environmental regulations and potential environmental issues that may arise over the course of construction, therefore helping to minimize the overall impacts to the environment and to students, faculty, staff, and the general public. Where codes/regulations/requirements conflict, the more stringent guidelines shall apply.

II. Wastewater Management Requirements

- A. The Contractor shall be responsible for review and continued compliance with any dewatering permits that have been obtained by the Owner prior to the start of the Work. These permits may include, but are not limited to, a National Pollution Discharge Elimination System (NPDES) Dewatering Permit, a NPDES Stormwater Permit, a Massachusetts Water Resources Authority (MWRA) Temporary Construction Site Dewatering Permit, and/or a Permit to Dewater from the municipality having jurisdiction. The General Contractor should own the preparation of the dewatering plan for information only based on provision of geotechnical information by the design team.
- B. The Contractor shall be responsible for review and continued compliance with any stormwater permits or Massachusetts Department of Environmental Protection (MA DEP) Underground Injection Control (UIC registration) that have been obtained by the Owner prior to the start of Work. For sites where more than an acre of disturbance occurs, these permits will include, but are not limited to, an EPA Stormwater Construction General Permit. As part of the requirements for the Construction General Permit, the Contractor shall also comply with the conditions set forth in the site's Stormwater Pollution Prevention Plan. The Contractor will be responsible for conducting regular site stormwater inspections as prescribed in the Stormwater Pollution Prevention Plan (SWPPP) and further outlined in the applicable specifications and drawings included in the Contract Documents. All reporting to regulatory agencies regarding the permit(s) applicable to the site will be the responsibility of the Owner.
- C. The MWRA regulates industrial wastewater discharge from the Owner's buildings under an MWRA Sewer Use Discharge permit. The discharge of any wastewater must adhere to these permit requirements, including but not limited to: no discharge of PCBs; no discharge of mercury, silver, or other metal-bearing wastewater; no discharge of highly corrosive substances; no discharge of flammable materials; and, discharge of oils, fats, and greases above 300 mg/L and no discharge of hazardous wastes as specified by the MWRA either directly in the permit or indirectly through the MWRA General regulations.
- D. The Contractor shall always protect dumpsters, excavations, trenches, buildings and materials, from rain water, ground water, backup or leakage of sewers, drains and other piping, and from water of any other origin and shall remove promptly any accumulation of water. The Contractor shall provide and operate all pumps, piping and other equipment necessary to this end.



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- E. Care shall be taken to prevent any damage to any wetland from pollution by debris, sediment or other material. Manipulation of equipment and/or materials in delineated wetland areas is prohibited. Water that has been used for washing or processing, or that contains oils or sediments that will reduce the quality of the water in downstream waters of the State, shall not be discharged from the Site. Such waters shall be collected and disposed of by the Contractor in accordance with all applicable Federal, State and local regulations and Harvard University Environmental Health and Safety. Contractor shall implement erosion and sedimentation controls as outlined in the Order of Conditions issued by the local conservation commission and as required by the SWPPP.