

6.0 ENVIRONMENTAL REQUIREMENTS AND PERMITS

During planning and design phases of the construction projects, DDOT communicates the environmental commitments it is responsible for as a result of the National Environmental Policy Act (NEPA) process. As a result of the NEPA process, DDOT becomes signatory to Memorandums of Agreement (MOAs) or Memorandums of Understanding (MOUs) or accepts some requirements as conditions of the permits obtained from other agencies. The MOAs, MOUs, and permits are parts of the construction contract documents. DDOT expects the CM team to become familiar with MOAs, MOUs, and permit conditions to deliver the construction projects as agreed with other agencies.

In addition to safety of the individual, increasing emphasis is being placed on protection of the environment and the cleanup of earlier degradation. Many elements that were common in construction, or were routinely buried as harmless wastes, are now recognized as hazardous materials and there are extensive and extending regulations governing the handling of these materials. Of particular concern in construction are asbestos, lead in paints or other materials, volatile organic compounds such as oil, petrocarbons, thinners, adhesives, etc., that give off potentially damaging fumes, and other exotic chemicals. If suspected hazardous materials are encountered which were not expected, the CA is to be immediately informed and authorization obtained to stop the work and make the area secure. The Construction Manager should contact the City Department of Health (DOH) and Department of Energy and Environment (DOEE) to get direction on how the situation will be remedied. If costs are involved, the Construction Manager should inform CA to get approval from the CO to verify funds that are available and certified. The Construction Manager should safeguard the health of the field staff by avoiding contact with the suspected hazardous materials until clear instructions are received. Supervision, monitoring, and inspection of hazardous waste handling and remediation plans normally require special training and should be coordinated with the DOH.

To meet legal requirements, the CM team shall coordinate and communicate with DDOT legal and environmental staff, possess appropriate skills, receive appropriate training, and understand their role in successfully carrying out environmental commitments and contract requirements.

The following are necessary for meeting environmental commitments during construction:

- Environmental resources
- Air, noise, and water pollution control



- Permits with particular emphasis on the appropriate management of District Department of Energy and Environment (DOEE) permits, which includes final inspection by a DOEE inspector and the uploading of As-Built Drawings to the DOEE Stormwater Database
- Licenses, and agreements
- Hazardous materials
- Hazardous waste and contamination