

STATEWIDE OPEN-END CONTRACT FOR WETLAND REPLACEMENT MONITORING NEW JERSEY DEPARTMENT OF TRANSPORTATION

This open-end contract is for the long-term monitoring of all New Jersey Department of Transportation (NJDOT) wetland replacement sites constructed since 1992. The primary focus of post-construction monitoring is to provide documentation of compliance with the Section 404 permit conditions associated with each project. Given that the permit conditions vary for each project, a baseline, or routine level of information, was collected for all sites, with the addition of detailed data collection to document specific wetland functions or goals on an as-needed basis.



Field sampling includes plant community assessments, bird surveys, and benthic macro-invertebrate sampling, including monitoring of osprey nesting platforms. Wetland mitigation sites, which identify specific functional goals, are addressed on a case-by-case basis. For each compliance-reporting period, a comparison is made between individual goals and field conditions, with consideration given to the time needed to achieve the mitigation goals.



In addition to monitoring and compliance reporting, the contract involves making recommendations on remedial actions at individual sites and development of overall recommendations regarding wetland design and construction. Monitoring reports are generated for submission to the New Jersey Department of Environmental Protection (NJDEP) in accordance with permit compliance requirements.

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