

**INSTRUCTIONS FOR INFORMATION TO ACCOMPANY SUPPLEMENT D-1
(DAM/IMPOUNDMENT APPLICATION)**

1. Five (5) copies of all documents must be filed, including detailed construction plans and specifications.
2. The plans and specifications submitted with the application must include the following information:
NOTE: The following is required to satisfy the requirement in 6NYCRR Part 608, section 608.6(a)(3)(iii) for construction plans and project specifications that are sufficiently detailed for department evaluation of the safety aspects of the dam.
 - a. A plan showing the proposed dam and dam appurtenances, horizontal and vertical controls, the normal water level in the lake or pond, the limits of the owner's property, the location of drill holes, test pits or other foundation exploration, the location of borrow areas, and topographic contours at the dam and around the anticipated reservoir area, including 2-foot contours to 6 feet above high water level.
 - b. A profile along the dam axis from abutment to abutment and a cross section diagram of the dam at its maximum height, showing original, existing, and proposed conditions.
 - c. A profile along the center line and a cross section diagram, or diagrams, of the spillways, including stilling basins, outlet work, and other details of the design of the structures.
 - d. Specifications for the materials and for the methods of construction.
 - e. A description of construction inspection activities, to be performed by the applicant's engineer, to ensure that work is performed in conformance with the approved design.
 - f. A record of subsurface investigation and soils information used by the design engineer or conservationist for foundation and borrow assessment.
 - g. Any additional drawings needed to clearly show all details of the proposed project.
 - h. Samples of foundation, embankment and construction materials need not be furnished unless specifically requested by the Department.
3. The design, preparation of plans, estimates and specifications, and the supervision of the erection, reconstruction and repair of all the structures, herein applied for, shall be done by a licensed professional engineer, or, in the case of farm ponds, by an engineer or conservationist employed by a governmental agency cooperating with a soil conservation district.
4. A technical guidance document "Guidelines for Design of Dams" is available upon request from the DEC Regional Permit Administrator or through the DEC Dam Safety website at <https://www.dec.ny.gov/lands/4991.html>. This document outlines hazard classification, hydrologic criteria, structural stability, and other criteria which should be utilized by the design engineer.
5. **NO WORK** (including site preparation) for construction of new structures or reconstruction or repairs of existing structures **SHALL BE STARTED UNTIL A PERMIT** has been issued by the New York State Department of Environmental Conservation.