



# Application for Project Authorization Under the New Jersey Register of Historic Places Act

NJ Department of Environmental Protection • Natural & Historic Resources • Historic Preservation Office

Date June 21, 2018

Applicant Passaic Valley Water Commission

State, County, or Municipal agency or instrumentality thereof, applying for authorization.

Note: If an application is being submitted by an authorized representative on behalf of a public agency, written authorization from the public agency must be submitted with the application.

Project Name Levine Reservoir Water Storage Improvement Project

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(FOR HPO USE ONLY) Technically and Professionally Complete Date \_\_\_\_\_

## New Jersey Register Listed Property Affected by Project

Name of listed Property or Historic District Great Falls of Paterson/Society for Useful Manufactures Historic District and  
Great Falls of Paterson/Society for Useful Manufactures Historic District Extension (Grand Street Pumping Station)

Address of listed property All or portions of West Broadway, Ryle, Wayne and McBride Avenues; Grand,  
Morris, Barbour, Spruce, Market, Mill, Van Houten, Curtis, and River Streets; and the Passaic River

Block # multiple Lot # multiple

Municipality Paterson County Passaic

## A. Required Documentation

Please enclose the documentation listed below as required by N.J.A.C. 7:4-7.1 (d). The required documentation, taken with the project description, must be sufficient to completely describe the proposed undertaking. When using attachments, please label using the letters and numbers (e.g., A.1.c.) as listed herein.

1. Complete lists (include addresses) of:
  - a. Local historical societies
  - b. Local historic preservation commissions
  - c. All public and private property owners of registered property directly affected by the project. N.J.A.C. 7:4-7.1(d) stipulates that this list shall be the list of all private and public property owners (including right-of-way owners) named in the official municipal tax records and maps as of the date of the application's submission and shall be notarized by the appropriate municipal official. This list is not the list of property owners within 200 feet of the project; (although submission of that list would be acceptable) it is the list of owners of registered properties which are directly physically impacted by the project.

- d. All affected local government units, any agencies or instrumentalities thereof concerned with historic preservation, and any statewide organization and local organization specifically concerned with historic preservation in the area of the undertaking's potential impact.

**Applications which do not include these four lists are not complete and cannot be reviewed until this information is received.**

2. Maps
3. Photographs, both of the overall project area and of specific project work areas. Photographs should be labeled as to location and keyed to a plan sheet. (Although optional, slides may augment the application and facilitate the presentation to the Historic Sites Council of a project that is an encroachment.) Photographs should be labeled identifying site location and keyed to architectural or engineering plans.
4. Complete architectural or engineering plans-including a site plan (2 sets)
5. Specifications (1 set)
6. Proposed agreements (easements, lease, deed, covenant etc.) applicable to the undertaking.
7. If the application proposes demolition of all or a substantial portion of a property, the application shall include a structural assessment and an evaluation of whether the property could be reasonably repaired, to be prepared by an architect or engineer with demonstrated experience with historic properties.
8. If the application proposes relocation of a New Jersey Register listed property, information and documentation required in N.J.A.C. 7:4-3.2(c) must also be submitted.

## **B. Project Description**

Please describe the proposed undertaking in full detail. Where functional or programmatic constraints call for changes to historic configurations, those constraints should be explained very clearly. (Use lettered attachments when necessary.)

- Two 2.5 million gallon pre-stressed concrete tanks will be built within the four-acre Levine Reservoir, which will be drained in order to create space for the tanks. This will entail modifications to the bedrock surface of the reservoir, including application of additional concrete in places and the introduction of earthen fill or concrete aggregate, in order to create a stable, level surface of the appropriate grade on which to build the tanks. The tanks will be finished with a light grey color.
- The Grand Street outlet chamber will be modified. The superstructure will be demolished and the equipment below ground will be improved.
- The West Side inlet chamber will be similarly modified. Proposed work includes demolition of the superstructure and improvement of the below-ground equipment.
- A reinforced concrete wall on the western side of the reservoir will be removed.
- The existing steel and concrete post fence that encloses the reservoir property will be removed and replaced with contemporary chain link fencing.
- A temporary berm will be built in order to enable the reservoir to continue in service during construction. This will involve application of concrete in some locations to the bedrock interior to provide a surface on which to anchor the berm, batten board and liner.
- Two detention basins will be constructed to detain water after construction is completed.
- Within the detention basins, outlet pipes will be built to convey water to the external storm water drainage system. These will be buried and not visible.
- A paved driveway will be built from Grand Street along the edge of reservoir.
- A brick chemical feed building will be built at the west side of the tanks, near the existing brick inlet chamber structure.
- Evergreen trees will be planted as screening.

## **C. Statement of Purpose**

Please state the need and/or purpose for the proposed undertaking. Address the public benefit of the proposed project. (Use lettered attachments when necessary)

The Levine Reservoir is an uncovered finished water reservoir and is not presently in conformance with current applicable NJDEP and EPA regulations for finished water storage. These regulations require either that finished water storage facilities be covered or that the finished water is treated to a particular water quality standard. The goals of the improvements address finished water quality, maintaining the largest volume of water storage, and security. The finished water quality goals include those mandated by the Long Term 2 Enhanced Surface Water Treatment Rule, along with the requirements of the Safe Drinking Water Act, such as the Lead and Copper Rule, Stage 2 Disinfectant/Disinfection Byproduct Rule, and the Total Coliform Rule. The primary purpose of the Levine Reservoir is to supply emergency and fire flow storage via the East Side, Botany and Great Falls Pump Stations. This reservoir historically served an industrial area, but many of the industrial facilities are no longer in this zone. As such, the demand has been significantly reduced. The Reservoir also provides equalization storage to xxx and provides suction to the Botany Pump Station. The Levine Reservoir has a re-chlorination facility. The purpose of this facility is to re-chlorinate water which has been stored in the Levine Reservoir before it re-enters the distribution system.

## **D. Alternatives/Mitigation**

Please describe alternatives (or actions taken) that would avoid, reduce, or mitigate any encroachment of the project on the affected New Jersey Register listed property. Discuss feasibility and prudence of alternatives. (Use lettered attachments when necessary.)

Please see attached.

## **E. Project Funding**

Please list sources of funding, including federal funds.

The Levine Reservoir Water Storage Improvement Project will be funded through the federally-delegated State Revolving Fund Program. The New Jersey Environmental Infrastructure Financing Program (NJEIFP) administers this program in New Jersey.

## **F. Permits**

Please list permits needed for the proposed project, including any necessary federal permits, licenses or approvals.

- SDW Construction
- Freshwater Wetlands Presence/Absence LOI Determination
- WQMP Consistency
- NJPDES (temporary General Permit)
- Soil Erosion and Sedimentation Control Plan Certification
- Dam Safety Review/Approval
- Planning and Zoning
- SRF Engineering Review
- SRF Environmental Review (Level II)

## OTHER INFORMATION

The following information may also be needed depending on the nature of the project:

- ARCHAEOLOGY:** If an archaeological survey or other pertinent survey has been undertaken for this project, it must be included with the application. In all cases, when a professional archaeological survey is not included with (or proposed in) the application and the project will include ground disturbance, the rationale for not conducting survey must be enclosed. This rationale for all areas of potential ground disturbance would include detailed documentation of known prior uses (both modern and historic) and prior disturbances. Areas of potential ground disturbance include construction staging areas, areas of grading, etc. on the New Jersey Register listed property.
- CIVIL ENGINEERING  
(PARTICULARLY  
ROAD & BRIDGE PROJECTS):** Data which informs the basis of the project's design such as: existing road limitations, traffic counts/studies, road classification, design speeds, design hourly volume, and predicted levels of service. Please provide specific references to the relevant AASHTO design tables. May include an Alternatives Analysis Report.
- CODE:** Where a code requirement affects the treatment of historic features or spaces, please provide specific reference to the section of the code involved and indicate if flexible application of the code for historic buildings as allowed by the New Jersey Uniform Construction Code has been sought or granted.
- ECONOMICS:** If economic factors affect an aspect of the project or the design of a project as a whole, a detailed and documented breakdown of the costs involved should be attached to the application.
- ENGINEERING:** If engineering concerns such as structural stability or load bearing capacity, etc. affect the project's impact on the historic property, engineering reports, prepared by an engineer with demonstrated experience working with similar historic resources, should be attached to the application.

## LIST OF ALL DOCUMENTS

Please provide a complete listing of all documents including title. In all cases, when a professional archaeological survey is not included with (or proposed in) the application and the project will include ground disturbance, the rationale for not conducting survey must be enclosed.

## REVIEW PROCESS

Applications are submitted to the Historic Preservation Office (HPO). Within 30 days, the HPO will evaluate the application for technical and professional completeness. Faxed copies of applications do not formally initiate project review. Within 45 days of receipt of a technically complete application, HPO will determine if the project constitutes an encroachment and notify the applicant accordingly. If the HPO determines that a project does not constitute an encroachment (that the project is in conformance with the Secretary of the Interior's Standards for the Treatment of Historic Properties), the application is approved administratively by the HPO and does not require review before the Historic Sites Council. A project which constitutes an encroachment is scheduled for an upcoming Historic Sites Council meeting, and the applicant is so notified. The Historic Sites Council makes a recommendation in the form of a formal resolution to the Commissioner of the Department of Environmental Protection. The Commissioner must act within 120 days of receipt of a technically complete application. When the applicant has tight project schedules and deadlines to meet, the HPO strongly encourages early submission of applications.



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