

Discovery Report Appendix L

Dams and Floodplain Structures

Lake Ontario – Lower Genesee Watershed

HUC 04130003

July 2016



FEMA

Federal Emergency Management Agency
Department of Homeland Security
26 Federal Plaza
New York, NY

Appendix L: Dams and Floodplain Structures

The following files are available in hard copy at NYSDEC Central Office. Files noted as “CEDR” refer to the NYSDEC archival system in which the files/reports are stored. The information detailed below is also published as a separate accompanying attachment to this report as “Appendix L Dams and Floodplain structures.xls”.

Genesee County

Byron Pond Dam:

- 8/9/2012 visual inspection
- 2/26/1925: Report of a Structure Impounding Water by the State of NY Dept of State Engineer and Surveyor. Report includes sketches.

Leroy Reservoir Dam:

- 8/9/2012: Visual Inspection
- 1/26/1960: General Plan, Sections & Details drawings 11/1959: Proposal, contract and specifications for construction on Dam, Spillway, and Reservoir Improvements
- 1/25/1960: Application for the Construction or Reconstruction of a Dam
- 1/21/1960: plans for the reconstruction and/or alterations made to the dam
- 7/1931: Proposed Improvement drawings to Gravity Water Supply
- Note in the file that original dam #305 should be in the large filing cabinet but was not found.

Horseshoe Lake Dam:

- 11/30/2012: Applied (and not complete) permit for Freshwater Wetlands
- 1/9/2013: Emergency Action Plan for Horseshoe Lake Dam 5462 Horseshoe Lake Road, Stafford NY. With inundation maps.
- 1/1/2013: Inspection and Maintenance Plan for Horseshoe Lake Dam. With contract drawings and details on the dam
- 8/9/2012: Visual Inspection report
- 4/4/2012: EAP submitted and reviewed by NYSDEC
- 7/17/1992 received by DEC: AS BUILT
- May 18, 1992 grading plan, plan profile and details, and details and specifications
- 6/28/1991: As-Built grading plan, As Built plan profile and details, As Built Details and Specifications
- 5/8/1991: Proposed Modification to Existing Dam for Horseshoe Lake Town of Stafford County of Genesee with Discharge calculations
- 5/25/1982: H&H Analysis
- 10/27/1952: Plans and Prints

Livingston County

Lucian Hill Dam:

- 12/20/2009: Dam Safety Annual Certification Form
- 8/12/2009: Visual Inspection
- 6/26/1967: Application for a construction of dam, plans, and specifications

Monroe County

Cobbs Hill Reservoir Dam:

- 2/3/2011: Annual Certification Form
- 10/2010 EAP for Cobbs Hill Reservoir Dam
- 7/2001: Visual Inspection

Court Street Dam:

- 4/26/2005: Updated Safety Plan for project and NYSDOT bridge replacement project
- 5/21/2004: Concept drawings for plastic intake screens
- 6/6/2002: Routine visual inspection
- 9/28/1999: NYS Canal Corporation Rochester Gas and Electric Court Street Dam Automation System drawings
- 4/14/1999: Permit for Rehabilitation of Dam Structure
- 1999: Monthly construction reports
- 12/1998: NYS Thruway Authority NYS Canal Corporation Buffalo Division plans for Rehabilitation of Court Street Dam Phase III across the Genesee River at Erie Canal MP 414.70
- 3/10/1994: Rehabilitation of the Court Street Dam Across the Genesee River - Phase II
- 1994: Permit for operation and maintenance of a 3.3MW run-of-rover hydroelectric generating facility at the Court Street Dam on the Genesee River
- 6/1992: Project Drawings
- 2/8/1991: General design drawings and project location
- 8/1990: Operation report
- 2/1989: Inundation mapping reports
- 9/1980: Phase I Inspection Report National Dam Safety Program CEDR'd

Highland Park Reservoir Dam:

- 2/3/2011: Annual Certification form
- 6/2011 Visual Inspection
- 1/25/2011 "As-Built"
- 12/2011 Piezometer readings
- 3/4/2010 EAP

English Road Detention Facility Dam:

- 6/6/2012: visual inspection
- 1/28/2011: Dam Safety Annual Certification Form

- 12/31/1979: Permit to construct dam for flood control 9/28/1977: Soils and Foundation review
- 8/5/1977: Drawings and Spillway Channel Protection and Auxiliary Spillway information
- 7/1977: Service spillway and auxiliary spillway DEC hand calculations

Larkin Creek Dam:

- 6/6/2012: Visual inspection
- 1/28/2011: Dam Safety Annual Certification Form
- 11/1975: Plan View of Earth Dam and Spillway drawings
- 7/15/1975: DEC hand calculations of Review of Original Plans
- 6/30/1975: Larkin Creek Stormwater Detention Facility Soils Report
- 6/1975: Topographic Plan St Andrews Drive Detention Basin drawings
- 4/7/1975: Preliminary Engineering Report for the Larkin Creek Watershed Retention Basin Number One St. Andrews Drive

Maiden Lane Detention Pond Dam:

- 6/20/2012: visual inspection
- 1/31/2011: Annual Certification Form
- 10/6/1983: Hydrograph worksheets
- 4/1980: West Tributary Detention Facility Round Pond Watershed Geotechnical Report

Round Pond Creek Dam:

- 6/6/2012: Visual inspection
- 1/28/2011: Dam Safety Annual Certification Form
- 5/1976: Emergency Spillway Design Stormwater Detention Basin No 1
- 1/1976: Deschel Drive Stormwater Retention Pond Soils Report
- 11/1975: Preliminary Land Acquisition Map 6/4/1976: Round Pond Creek DEC hand calculations for spillway

Lock 33 Dam Erie Canal:

- 8/30/2012: EAP
- 6/6/2012: routine visual inspection
- 12/3/1985: Application for FERC license to construct and operate a 360 Kw hydroelectric facility
- 1/21/1985: Before the FERC Application for License for Minor Water Power Project for the Lock 33 Hydroelectric Power Plant

Lock 32 Dam Erie Canal:

- 8/30/2012: EAP and comments from DEC
- 6/6/2012: visual inspection
- no date: Plan view of Dam at Lock E-32 on the Barge Canal Town of Pittsford
- 11/6/1985: Fallon Hydros Incs application for FERC application

- 3/1985: Before the FERC Application for License for Minor Water Power Project for the Lock 32 Hydroelectric Power Project
- 10/21/1980: Phase I Inspection reports

Southeast Reservoir Dam:

- 2/2013: EAP for Southeast Reservoir Dam (Denise Reservoir)
- 1/11/2012: Annual Certification Form
- 8/19/2011: EAP
- 3/2007: Dam Record Drawings
- 10/1968: Report on Preliminary Soil Engineering Investigation Proposed 100 MG Southeast Reservoirs Pittsford, NY

Rush Reservoir Dam:

- 10/24/2012: Permit for modification of current dam inlet and outlet structures, install floating cover and make improvements to the existing liner
- 9/1/2012: EAP
- 8/2012: Basis of Design Rush Reservoir Liner and Floating Cover Project
- 5/2012: Report for Seepage and Stability Evaluation of Southwest Embankment CEDR'd 6/30/2011: routine visual inspection
- 2011: Topographic Survey for Rush Reservoir and profile of stormwater system
- 12/18/1991: Rush reservoir Rehabilitation Report of reservoir Deficiencies CEDR'd

Ontario County

Canadice Lake Dam:

- 2012 annual certification form
- 11/19/2010 EAP review comments
- 9/9/2010 - visual inspection
- 3/9/1996 - Maintenance and repair permit 10/26/1995 - AS BUILT Drawing for Spillway repairs and site plan
- 2/14/1995 - Location maps, project plans, environmental assessment form, summary of work
- 12/7/1990 site plan
- 11/1990 - West spillway improvement details drawings
- 4/21/1989 - spillway improvement drawings
- 5/13/1988 - Engineers Report and Plans for west spillway improvements
- 4/1988 Engineers Report for Candice Lake Dam (CEDR)
- 6/1988 - Candice Lake Dam West Spillway Stability calculations
- 2/26/1988 Hemlock Candice Lake s Briefing Report and History
- 12/1987 - West Spillway Improvements Proposal
- 9/23/1986 - drawing of old and new spillway
- 6/1986 - Hemlock and Canadice Dam and Spillway Study
- 5/1986 - Geotechnical Investigations Hemlock and Canadice Lake Dams

- 11/11/1985 - Test boring locations
- 3/3/1983 - EAP
- 7/17/1979 - Candice Lake Time of Concentration calculations
- 1/1979 - City of Rochester Upland Water Supply Study
- 5/1977 - Engineering Report Comprehensive Water Supply Study for City of Rochester NY

Orleans County

No Hazard Code C or D dam files available

Wyoming County

No Hazard Code C or D dam files available