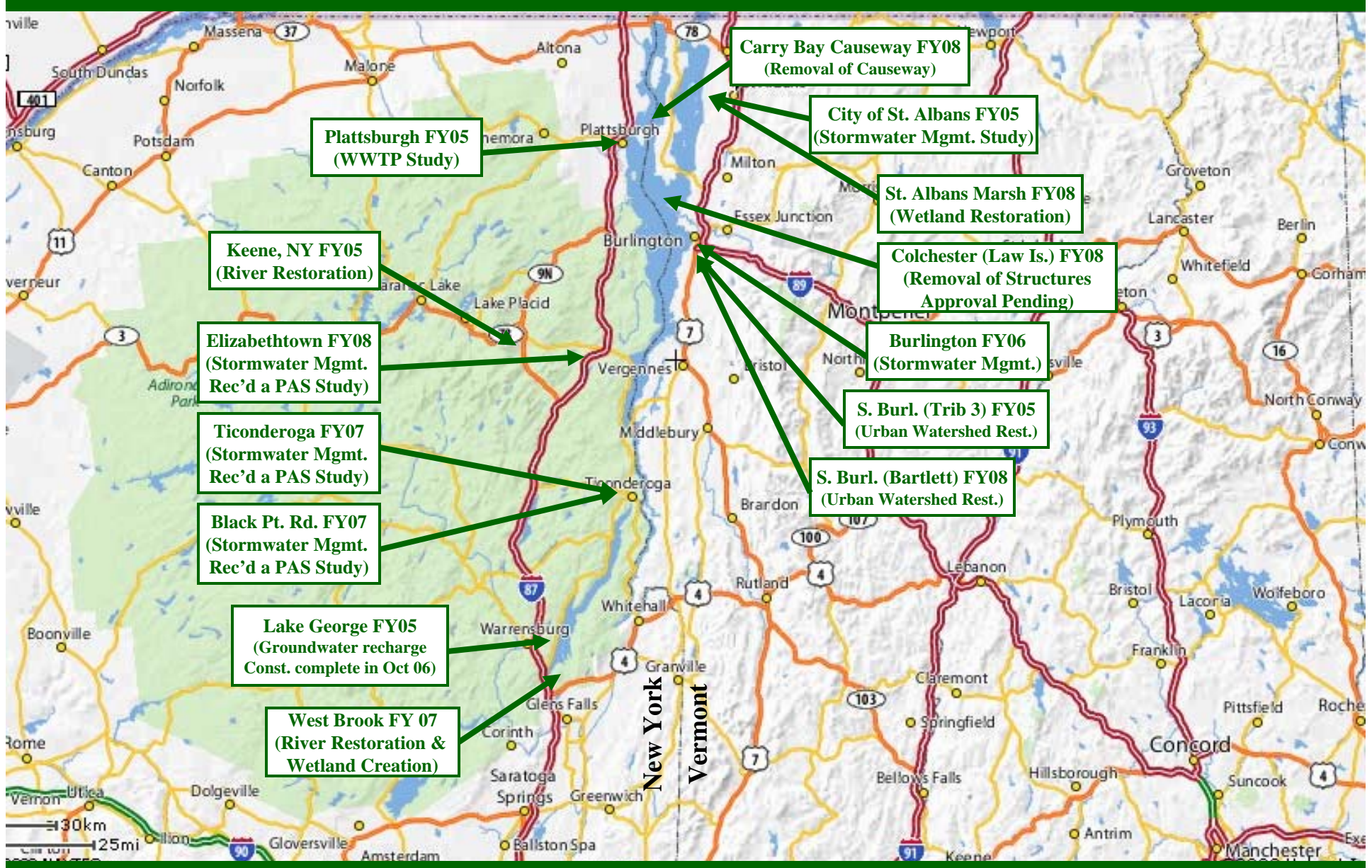




Lake Champlain Watershed Program

Sec. 542 WRDA 2000



Lake Champlain Watershed Environmental Assistance Program Update – Sep 2009

Lake George Stormwater Improvement Project; Village of Lake George, NY (Pilot Project)



A Project Cooperation Agreement (PCA) was executed in partnership with the Village of Lake George, New York. The project consisted of design/construction of storm-water infiltration structures in the Beach Road Parking lot in the Village of Lake George, NY. A “storm-water infiltration chamber” has been constructed within the parking area, which intercepts the flow on the parking lot and provides subsurface run-off storage and infiltration capability. The project is complete.

Project Manager: Jenifer Thalhauser
Total Cost: \$282,000

Water Treatment Control Plant Phosphorous Reduction Planning Study; City of Plattsburgh, NY



A PCA was executed in partnership with the City of Plattsburgh, NY. The project addresses phosphorus removal by generating a planning study which will make recommendations for more efficient phosphorus removal at the City Water Pollution Control Plant (WPCP). A contract was awarded in March 2007 for the Planning/Design work. The Report is complete which includes 30% level of designs of the recommended plan. A meeting with the sponsor is scheduled for late October 2009 to finalize the report.

Project Manager: Jenifer Thalhauser
Total Cost: \$538,000

Ausable River Channel Restoration and Streambank Stabilization; Town of Keene, NY



The “Rivermede” project PCA was executed in partnership with the Town of Keene, NY. The Corps of Engineers will complete preliminary designs and construct river stabilization and habitat improvement measures along a 2000 ft. reach of the East Branch of the Ausable River in Keene, NY. The Town of Keene is seeking NY State Bond Act funds for their local cost sharing requirements. Non-Fed funds are needed for the bid process to begin.

Project Manager: Caroline McCabe
Total Cost: \$1,028,000

Potash Brook River Restoration Project; City of South Burlington, VT



A PCA was executed in partnership with the City of South Burlington, VT. The project consists of the design and construction of urban watershed restoration measures in a crucial reach of “Tributary 3” of Potash Brook. The goal is to improve the stream health, aquatic ecosystem function, and water quality prior to discharge into the main stem of Potash Brook and Lake Champlain. Currently, the non-federal sponsor is working on the Environmental Assessment and preliminary designs as part of their in-kind credit. Construction scheduled for Summer/Fall 2010.

Project Manager: Jenifer Thalhauser
Total Cost: \$1,800,000

College Street Stormdrain Improvement Project; City of Burlington, VT



The potential College Street project has been proposed by the City of Burlington, VT. The project was approved by the LCBP. The project will be initiated once the budget is finalized with the City and a Project Cooperation Agreement is executed. The project will consist of retrofit designs and construction of the College Street stormdrain system in Vermont's most urban area. The goal is to reduce phosphorus loading into Burlington Harbor. The City requested the project be suspended in March 2008, so the scope of work can be revisited.

Program Manager: Jason Shea
Cost Estimate: \$600,000

Lake Champlain Watershed Environmental Assistance Program Update – Sep 2009

West Brook Restoration Project, Lake George, NY

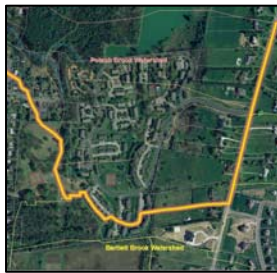


The potential West Brook project has been proposed by the Village of Lake George, NY. The project was approved by the LCBP. The West Brook Project consists of the design and construction of a former amusement park in the Village of Lake George. The Corps project is on the north parcel and the DOT is restoring the south parcel. Project includes wetland creation, river restoration and drainage improvements. The sponsor needs to send 30% plans to NAN for PMP completion. Plans expected in September 09. Ongoing permit and SHPO coordination while PMP is in development.

Project Manager: Karen Ashton

Cost Estimate: \$3,000,000

Bartlett Brook Stormwater Management Project, City of South Burlington, VT

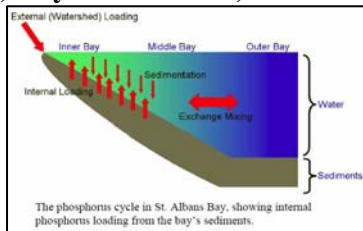


The potential Bartlett Brook project has been proposed by the City of South Burlington, VT. The project was approved by the LCBP. The Bartlett Brook Project is a combination of stormwater management installations or upgrades to reduce non-point pollutants entering the Bartlett Brook and Potash Brook watersheds, and re-route altered drainage systems. Installation of bioretention facilities and interceptors to reduce sediment transport into the watersheds. Project scopes of work (PMP) are being developed with the sponsor. The project has been divided into two separate projects, the “North” is a design/construct project and the “South” is a study/design project.

Project Manager: Tricia Aspinwall

Cost Estimate: \$1,300,000 (for both North and South)

St. Albans Marsh Restoration Study, City of St. Albans, VT.



The potential St. Albans Marsh Restoration Study has been proposed by VTANR. The study was approved by the LCBP. This study will analyze the alternatives for removal and/or treatment of Marsh sediments. The project scope of work (PMP) has been coordinated with the sponsor and is currently being reviewed by the USACE in-house team. The study may lead to a design/construct project with a cost estimate ranging from \$1.8M to \$7.9M, depending on the recommended alternative.

Project Manager: Rifat Salim

Cost Estimate: \$200,000

Carry Bay Causeway, VT



The potential Carry Bay Causeway project has been proposed by VTANR. The project was approved by the LCBP. The project includes the removal of portions of the Carry Bay Causeway which will enhance the mixing of main lake waters with water flowing from Missisquoi Bay and the Inland Sea providing modest reductions in phosphorous concentrations in Carry Bay by dilution. It will also reduce fragmentation of littoral zone habitat by restoring the connectivity of shallow water areas inside and outside of Carry Bay. A Project Management Plan will be developed with the State of Vermont beginning in October 2009.

Project Manager: Jenifer Thalhauser

Cost Estimate: \$1,000,000

Lake Champlain Watershed Environmental Assistance Program Update – Sep 2009

Law Island Restoration Project, Colchester, VT

The Town of Colchester has requested Corps assistance in removing abandoned structures and vehicles from Law Island that pose a water quality threat to the lake. Corps policy issues need to be resolved at HQ for the District to request review and approval from the LCBP.

Program Manager: Jason Shea

Cost Estimate: \$85,000

Essex County Stormwater Management Projects

Requests were received from Essex County, NY for stormwater improvements in Elizabethtown, Ticonderoga and Putnam. Due to a lack of existing information, the Corps recommended studies be performed through the Planning Assistance to States Program, before pursuing assistance under the Lake Champlain authority. One request for a PAS study has been received by the Town of Putnam and is currently underway.

Program Manager: Jason Shea

Cost Estimate: \$50,000 to \$100,000 per study (PAS Program)

City of St. Albans Stormwater Management Study (Pilot Project)

The Northwest Regional Planning Commission (NWRPC) requested a study for screening of sites for streambank stabilization, reducing sediment & phosphorus loads, on "The Branch" of Tyler Branch. In January 2006, the local sponsor, NWRPC held a meeting with the VTANR (source of non Fed funds). It was the joint decision of VTANR and NRPC that they would not move forward with the Corps on the project as the schedule and funding would not work out.

Program Manager: Jason Shea

Cost Estimate: \$110,000

Program Updates

WRDA 2007: (1) Allows the non-federal sponsors to meet the non-federal share with 100% in-kind services, (2) has increased the authorization from \$20M to \$32M, and (3) gives the District approval authority for pre-PCA in-kind credit under \$100k. Also, the authority has been expanded to include geographical mapping. Implementation Guidance is pending approval by HQUSACE.

General Management Plan: The GMP will be updated in FY10 to reflect the WRDA 2007 amendments to the authority. The process will also be analyzed and improved as necessary, in coordination with the LCBP.

Request for Proposals: The next RFP Workshop will be held in the first quarter of FY10. Past workshops have been successful in educating potential sponsor and leading to several current projects.

