



EVALUATION REPORT

ALL-HAZARD MITIGATION PLAN

JANUARY 2018

Town of Walton, NY

TABLE OF CONTENTS

Contents

Background	1
9.29 Town of Walton	2
A.) Hazard Mitigation Plan Point of Contact	2
C.) Documented Losses To Natural Hazard Events Specific To The Town	2
E.) Legal and Regulatory Capability	3
E.2) Administrative and Technical Capability	3
E.3) Fiscal Capability	4
E.4) Community Classifications	4
F.1) Completed Mitigation Activity/Efforts	5
F.2) Hazard Vulnerabilities Identified	8
F.3) Proposed Hazard Mitigation Initiatives	9
Recommendation for Future Proposed Hazard Mitigation Initiatives	12
Appendix A	14
All-Hazard Mitigation Section 9.29: Town of Walton	14

BACKGROUND

Background

The Town of Walton adopted the All-Hazard Mitigation Plan (March 2013) and continues to implement the recommendations within the documents. This evaluation report is a review and update of the information that was contained within in Section 9.29 Town of Walton. Only the sections and tables that were updated with the most current information have been included in this report.

The original All-Hazard Mitigation Plan can be viewed at:

<http://www.co.delaware.ny.us/departments/des/DESweb/images/EntireFinalVolume1.pdf>.

A copy of the plan is also available for viewing at the Walton Town Office, 129 North St.

This report was reviewed by the Walton Flood Commission members consisting of local governing officials on January 4, 2018 and the Town of Walton board on January 8, 2018.

The All-Hazard Mitigation Plan is scheduled for its five-year update in 2018.

9.29 TOWN OF WALTON

9.29 Town of Walton

A.) HAZARD MITIGATION PLAN POINT OF CONTACT

PRIMARY POINT OF CONTACT	ALTERNATE POINT OF CONTACT
Charles F. Gregory 129 North Street Walton, NY 13856 Phone (607) 865-4052 waltonsupervisor@stny.rr.com	Steve Dutcher, CFM 129 North Street Walton, NY 13856 Phone (607) 865-5204 sdutcher@townofwalton.org

C.) DOCUMENTED LOSSES TO NATURAL HAZARD EVENTS SPECIFIC TO THE TOWN

DATES OF EVENT	EVENT TYPE	FEMA DECLARATION NUMBER	COUNTY DESIGNATION?	LOCAL DAMAGES AND LOSSES
February 26, 2017	Flash Flood	N/A	N/A	Storm cleanup and debris removal (don't have final numbers from FEMA yet)
June 6, 2017	Flash Flood	N/A	N/A	Storm cleanup and debris removal (don't have final numbers from FEMA yet)

9.29 TOWN OF WALTON

E.) LEGAL AND REGULATORY CAPABILITY

REGULATORY TOOLS (CODES, ORDINANCES.,PLANS)	DO YOU HAVE THIS? (Y OR N)	CODE CITATION (SECTION, PARAGRAPH, PAGE NUMBER, DATE OF ADOPTION)
Stream Corridor Management or Protection Plan	Y	West Branch Delaware River Stream Corridor Management Plan (2009); Third Brook Watershed Management Plan (2013); West Branch Delaware River Local Flood Analysis (2015); East Brook, West Brook, & Third Brook Local Flood Analysis (2017)
Real Estate Disclosure Requirement	Y	NYS Real Property Law Article 14 Section 462
Highway Management Plan	Y	2010

E.2) ADMINISTRATIVE AND TECHNICAL CAPABILITY

STAFF / PERSONNEL RESOURCES	AVAILABLE (Y OR N)	DEPARTMENT / AGENCY / POSITION
Grant Writer(s)	Y	Delaware County Planning Department's Town Planning Advisory Service, Delaware County Soil and Water Conservation District
Staff with expertise or training in benefit/cost analysis	Y	Delaware County Soil and Water Conservation District and Delaware County Planning Department

9.29 TOWN OF WALTON

E.3) FISCAL CAPABILITY

FINANCIAL RESOURCES	USED FOR PAST PROJECTS? IF YES, WHICH ONES?	LIMITATIONS ON FUTURE USE?
Community Development Block Grants (CDBG)	Yes – several business owners on Delaware St to retrofit utilities (2015)	
State mitigation grant programs (e.g. NYSOEM, NYSDEC, NYSDOS)	Yes – NYS DEC grant South Stream Streambank Stabilization, NYS DOS Third Brook Stream Management Plan	
Catskill Watershed Corporation grant programs	Yes	
Delaware County Stream Corridor Management Program (stream Management Implementation Grants, etc.)	Yes – Serval ongoing	
Federal (ACOE, NRCS, Etc.)	ACOE WRDA grant and NRCS EWP funding	

E.4) COMMUNITY CLASSIFICATIONS

PROGRAM	CLASSIFICATION	DATE CLASSIFIED
Community Rating System (CRS)	8	2015
Building Code Effectiveness Grading Schedule (BCEGS)	4/4	2010
Public Protection	40/4Y	2014

9.29 TOWN OF WALTON

F.1) COMPLETED MITIGATION ACTIVITY/EFFORTS

Prevention:

- Adopted FIS/FIRM maps (2016)
- Developed Third Brook Watershed Management Plan (2013)
- West Branch Delaware River Local Flood Analysis Plan (2015)
 - The Town has accepted the West Branch Delaware River Local Flood Analysis Plan and will adopt in January 2018.
- East Brook, West Brook, and Third Brook Local Flood Analysis Plan (2017)
 - The Town has accepted the East Brook, West Brook and Third Brook Local Flood Analysis Plan and will adopt in January 2018.
- Walton Flood Commission identifies problem areas and prioritizes projects.

Natural Resource Protection:

- Purchase of hydro-seeder (2011) – Available for all Delaware County highway departments within the NYC watershed to provide cover on disturbed soil (such as ditch maintenance).
- Beers Brook –
 - Ongoing management of gravel deposition at South River Road adjacent to Delaware River
 - Streambank Stabilization projects located at 1977 Beers Brook Road and 1277 Beers Brook Road(2014)
 - Streambed Stabilization project downstream of 1977 Beers Brook Road (2018)
 - Seeking approval from NYC DEP to reroute South River Road and eliminate crossing over Beers Brook
- West Brook –
 - Floodplain Reclamation on West Brook (2011)
 - Riparian Buffer planting through the Delaware County Soil and Water Conservation District's Catskill Stream Buffer Initiative
- East Brook –
 - East Brook Emergency Stream Intervention project after flash flood in the spring of 2017

9.29 TOWN OF WALTON

- East Brook at County Route 22 EWP project completed (2013)
- Stream Restoration to facilitate Conservation Reserve Enhancement Program at Boyd Farm (2016)
- Third Brook –
 - Streambank Stabilization for Sites 3, 4, 5 and 6 as recommended in the Third Brook Management Plan (2014)
 - Emergency Streambank Stabilization on Site 8 and 9 as recommended in the Third Brook Management Plan (2015)
 - Riparian buffer plantings with students through the Delaware County Soil and Water Conservation District's Catskill Stream Buffer Initiative (2014 and 2015)
- West Branch Delaware River –
 - Walton Reporter Building removed and Green Space construction (2015)
 - Water Street Floodplain Reclamation Project (Planned for construction 2018)

Property Protection:

- Stacked Stone Wall repair at Walton Central School Elementary School and Bus Garage
- Ice House Turn Boat Launch and Streambank protection (2016)
- South Street Streambank Stabilization Project to protect municipal utility lines (Planned for construction 2018)
- Removing deteriorating barn and out buildings at 757 Lower Third Brook to prevent potential flooding hazard (2018)

Training/Education/Outreach:

- Town Staff:
 - Town Supervisor:
 - Numerous trainings through Walton Flood Commission
 - NFIP Basics, Stream/floodplain function, mitigation project development
 - ICS300 Incident Command System Training
 - ICS700 Incident Command System Training

9.29 TOWN OF WALTON

- Local Flood Analysis presentations
- Code Enforcement Officer/Floodplain Administrator:
 - Certified Floodplain Manager May 2012
 - Continue education to maintain certification
 - E0278 Community Rating System Training – 4-10-14
 - ICS300 Incident Command System Training – 3-7-2013
 - ICS700 Incident Command System Training – 3-7-2013
 - Numerous trainings through Walton Flood Commission
 - NFIP basics, stream/floodplain function, mitigation project development
 - NFIP Basics workshop through Del. Co. Floodplain Management Adv. Committee/NYSDEC Floodplain Management (2/14/12)
 - Post-Flood Emergency Stream Intervention Training (2017)
 - NYS DEC 4-hour Erosion and Sediment Training (2017)
- Public Works Superintendent
 - ICS300 Incident Command System Training – 3-7-2013
 - ICS700 Incident Command System Training – 3-7-2013
 - Numerous trainings through Walton Flood Commission
 - NFIP basics, stream/floodplain function, mitigation project development
 - Post-Flood Emergency Stream Intervention Training
- Public:
 - Third Brook Management Plan presentations (2008)
 - West Branch Local Flood Analysis presentations (2014)
 - East Brook, West Brook, Third Brook Local Flood Analysis presentations (2015)
 - 10 Year Building Resiliency Event 7/23/2016
 - First Time Home Buyer – NFIP Introduction – Annually 2016 and 2017
 - Flood Topics for Realtors – Annually 2016 and 2017
 - Place Alliance consultant presentation for public input on economic improvement for floodplain reclamation projects and businesses with flood resiliency design

9.29 TOWN OF WALTON

F.2) HAZARD VULNERABILITIES IDENTIFIED

The following is a review of and comment on the hazards and problem areas in the community that were identified in the All-Hazard Mitigation Plan (2013):

- Extensive and severe flooding events in steep, narrow valleys
 - Limit the amount of debris entering into the water system through debris management plan and culvert assessments completed by the Town of Walton Highway Department.
- 1000+ Dead/dying trees along roadways
 - Woody debris management plan and culvert assessments completed by the Town of Walton Highway Department.
- Steep, narrow sections of road make winter maintenance difficult
 - Hydro-seed the exposed soil after road ditch maintenance
- Insufficient hydraulic capacity on many stream crossing structures:
 - Beers Brook/South River Road: Seeking funding and landowner permission to re-route road to eliminate bridge structure.
 - East Brook:
 - Replaced bridge on Fish Hollow Road with larger structure (2011).
 - Replaced bridge on Budine Road 2012.
- School Bus Garage located in floodplain:
 - Floodplain reclamation project adjacent to bus garage near Sunoco Gas station to reduce flood water impacts
 - Repaired stone wall along West Brook
 - West Brook Local Flood Analysis plan identified potential floodplain reclamation projects
- Townsend Elementary School located in floodplain:
 - Repaired stone wall along parking lot on West Brook
 - West Brook Local Flood Analysis plan identified potential floodplain reclamation projects
- West Branch of the Delaware bisects town:
 - West Branch Delaware River Local Flood Analysis plan identified floodplain reclamation projects

9.29 TOWN OF WALTON

F.3) PROPOSED HAZARD MITIGATION INITIATIVES

Initiative	Mitigation Initiative	Status	Notes
1	Increase Capacity of Problem Stream Crossings		
1.1	Beers Brook/South River Road	Ongoing	Meetings with NYCDEP, seeking funding.
1.2	East Brook/Budine Road	Completed	Budine Bridge replaced 2012, NRCS Emergency Watershed Program streambank stabilization (2007)
1.3	Marvin Hollow	Completed	Rock vanes installed upstream of NYS Rt 10 crossing (2006), NRCS Emergency Watershed Program streambank stabilization (2012)
2	Erosion and Debris/Gravel Deposition Management	Ongoing	Third Brook Flood Assessment (2006), Third Brook Management Plan (2013), East Brook Emergency Stream Intervention Project (2017)
3	Emergency Watershed Protection Measures		
3.1	Baxter Brook Culvert	Complete	2013
3.2	Marvin Hollow	Complete	2012
3.3	MacGibbon Hollow Road	Complete	2013
3.4	Gosper Road	Complete	2013
4	The following three initiatives address flooding issues along the West Branch of the Delaware in the Village of Walton:		
4.1	Study Reconnection of West Branch Delaware River Floodplain	Completed	West Branch LFA Completed/Accepted Dec 2017/Adopted Jan 2018

9.29 TOWN OF WALTON

Initiative	Mitigation Initiative	Status	Notes
4.2	Water Street Floodplain Reclamation	Pending	Design completed, Funding Secured, Construction Expected Spring of 2018
4.3	Delaware Street Flood Relief Channels	Ongoing	181 Delaware building acquired, demolished and channel constructed 2015. Other sites such as McDonald's driveway/parking lot being evaluated
5	Manage Hazardous Trees Throughout the Town	Ongoing	Plan developed by the Town of Walton Highway Department to remove trees that pose a potential threat to culverts at town road crossings and inspect culverts for debris.
6	Retrofit Hazard Prone Structures	Ongoing	Completed main street grant for purpose of mitigation (2015), DCDPW was awarded grant for medium hydraulic study on culverts throughout the county, Town of Walton received grant for culvert assessment.
7	Demolish/Relocate Structures in Hazard Prone Areas	Ongoing	Local Flood Analysis Plans for West Branch Delaware River, East Brook, West Brook and Third Brook. 181 Delaware Demolished/Removed, 757 Lower Third Brook scheduled for Demolition/Removal of several structures.
8	Flood Risk Mapping	Completed	Adopted 6/16/16
9	Participation in Walton Flood Commission	Ongoing	Monthly Meetings. Meetings are scheduled for the first Thursday.
10	Develop a Watershed Management Plan for the Third Brook Watershed	Completed	Adopted (2013)

9.29 TOWN OF WALTON

Initiative	Mitigation Initiative	Status	Notes
11	Develop a Local Emergency Response Plan	Ongoing	Monthly Meetings through the Walton Community Group. Meetings scheduled for the first Tuesday.
12	Maintain Compliance With and Good Standing in the NFIP	Ongoing	CRS Level 8 (Oct 2016)
13	CAV Visit	Complete	CRS (2015)
14	Designated Floodplain Administrator	Complete	Code Official designated as Floodplain Manager and CFM since 2012
15	Archive Elevation Certificates	Ongoing	CRS Requirement
16	Encourage Landowners to Plant Windbreaks to prevent Drifting Snow	Ongoing	NYS DOT training for staff across the state was held in Walton in 2011 with field portion on Beerston where 1500' of planting fence was installed.
17	Training for Municipal Officials and Staff	Ongoing	CRS Training, NFIP Training, Certified CFM, Erosion and Sediment Control Training
18	Public Education and Outreach	Ongoing	PPI as part of CRS
19	Structure and Facilities Inventory	Completed	Completed by County Planning GIS
20	Support Implementation, Monitoring, Maintenance and Updating of This Plan	Ongoing	Review of the All-Hazard Mitigation Plan (2018)

9.29 TOWN OF WALTON

RECOMMENDATION FOR FUTURE PROPOSED HAZARD MITIGATION INITIATIVES

Initiative	Mitigation Initiative	Status	Notes
1	Implement recommendations in the Adopted Local Flood Analysis Plans for the West Branch Delaware River and the East Brook, West Brook and Third Brook		
1.1	Floodplain Reclamation project at Former Breakey's Motors	Ongoing	Currently in the buyout process and relocation scheduled to be completed in 2018
1.2	Third Brook NYS DOT Bridge Replacement	Ongoing	Letters to political parties recommending the bridge replacement be accelerated.
1.3	Mead Street Floodplain Reclamation Project	Pending	
1.4	Streambed Stabilization project on East Brook, West Brook and Third Brook to protect utility lines	Pending	Applied for funding through the Delaware County SWCD SMIP grant.
2	Water Street Flood Mitigation Park	Ongoing	Place Alliance consultant conducted several meetings to develop a concept design based on public input (2017). Next step is to seek funding
3	Stormwater planning and assessment project on culvert throughout the Town of Walton	Ongoing	Received funding through Catskill Watershed Corporation to map and assess the condition of culverts and other stormwater conveyances, perform hydraulic and hydrologic tests and identify possible infrastructure improvements.
4	2D Flood Mapping in high risk areas		

9.29 TOWN OF WALTON

Initiative	Mitigation Initiative	Status	Notes
5	Continue ongoing initiatives identified in 2013 All Hazard Plan		Initiative: 1.1, 2, 4.3, 5, 6, 7, 9, 11, 12, 15, 16, 17, 18, 20
6	Establish Emergency Shelters with backup generators		Seek grant funding to place generators at New Hope Community Church and Baptist Church

APPENDIX A

Appendix A

ALL-HAZARD MITIGATION SECTION 9.29: TOWN OF WALTON