

APPENDIX E
REVIEW OF ENVIRONMENTAL ISSUES
(FLOODPLAIN STUDY)

Review of Environmental Issues

Construction of Wellsburg Fire Station

February 8, 2013

In November 2012, the Village of Wellsburg started the New York State Environmental Quality Review (SEQR) process for the proposed first station. The Village did a coordinated review and received comments from the NYS Department of Environmental Conservation. A public hearing was held on January 14, 2013 during their Village Board meeting. There were approximately 30 persons in the audience. The Village Board went thru Part 2 of the SEQR Full Environmental Assessment Form, discussing, in public, all 20 items. The public was asked to comment on the environmental issues and there were no comments. The Village Board decided unanimously to issue a negative declaration on the SEQR. As a part of the SEQR process the following are environmental issues that were considered:

- **Need for the Project** – The existing fire station was flooded during the Tropical Storm Lee event. The building has been previously flooded during other major storm events. In order to provide emergency service to the residents of the village and surrounding area, the fire station needs to be accessible during a major storm event. The proposed project will result in having the fire station accessible during these storm events.
- **Alternatives to the Proposed Action** – A Site Alternative Analysis was completed in April 2012. A copy of the analysis is attached.
- **Land Use/Important Farmland** – The site was previously used as residential and the land use for the surrounding area is either residential or a village park. No farm land will be impacted.
- **Floodplains/Floodway** – The site is located within the FEMA designated flood plain. Fill will be placed within the flood plain and the location of the fire station building will be elevated to an elevation that is more than 2 feet (approximately 6 feet) above the 100 year flood level. A flood plain analysis was completed and reviewed by the Chemung County Stormwater Coalition. A flood plain permit was issued by the local flood plain administrator. No fill or improvements will be placed within the designated floodway.
- **Wetlands** – According to the U.S. Fish and Wildlife Service National Wetlands Inventory and New York State Department of Environmental Conservation Environmental Resource Mapper, there are no wetlands located on the proposed site. Please refer to the attached maps.
- **Cultural Resources and Historical Properties** – According to the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application, the proposed site is not within an archaeological sensitive area. Please refer to the attached map.
- **Biological Resources** - According to the New York State Department of Environmental Conservation Environmental Resource Mapper, there are no endanger or rare plants of animals located on this site. Please refer to the attached map.
- **Water Quality Issues** – During construction, erosion control practices will be implemented until permanent ground cover is established. Upon completion of the

project, the majority of the impervious area will be infiltrated into the ground after passing through a water quality structure. The water quality structure will remove the oils and sediment in the stormwater. A septic system with a leach field will be constructed to treat the sanitary sewage from the fire station. The septic tank and leach field will be design and install per the Chemung County Health Department requirements.

- **Coastal Resources** – The proposed project is not within a coastal zone.
- **Socio-Economic/Environmental Justice Issues** - The project is not anticipated to have any negative impact on the social and/or economic conditions found in the Village. This project is a replacement project – replaces an existing fire station that is located within the Village of Wellsburg. The project will benefit all those affected in the Village regardless of race or income status.
- **Air Quality** - There should not be any significant negative impact to air quality resulting from the construction of the proposed project. During extended dry periods, dust from construction activities may be produced. The contractor shall take every precaution to minimize impact to the nearby residents.
- **Transportation** - It is not anticipated that the construction of this project will result in the disruption to traffic. The fire department utilizes volunteers to respond to emergency calls. During an emergency the volunteers will respond to the fire station and leave the station within the fire trucks. Emergencies are not a daily occurrence for the Wellsburg Fire Department. The Village of Wellsburg has a population of approximately 580 people.
- **Noise** - Construction of the proposed project will cause noise levels to increase during working hours. This will be caused by the activity of the construction equipment required to construct the project. Except for emergencies and daily testing of the siren, no permanent increase in noise levels is anticipated.
- **Sole Source Aquifer** - According to the U.S. Environmental Protection Agency, the project is not located on a sole source aquifer. Refer to the EPA Sole Source Aquifer map.
- **Manmade Hazards** - No explosive or flammable materials will be stored onsite.
- **Endangered Species** - According to the NYS DEC, the project is not located on within an area that has an endanger species designation.
- **Wild and Scenic Rivers** - Bentley Creek is not listed with the Nationwide Rivers Inventory. The proposed project will not impact any rivers that are listed in the Nationwide Rivers Inventory.
- **Solid and Hazardous Waste** - The proposed project will generate a small amount of solid waste in the form of paper and miscellaneous trash. All trash and garbage will be removed from the site and legally disposed at the county landfill.
- **Fish and Wildlife Coordination Act** - The proposed project will not impact any wetlands or water bodies as per the attached grading plan.

There are no environmental concerns associated with the proposed Wellsburg Fire Station. Although there may be some temporary impacts associated with construction (noise, dust, etc.), the project construction documents will place restrictions on the contractor to minimize any

adverse temporary effects. The project will incorporate erosion and sediment control devices designed, installed and maintained in accordance with the New York Guidelines for Urban Erosion and Sediment Control to control any temporary water quality issues associated with construction.

VILLAGE OF WELLSBURG

IMPACT OF DEVELOPMENT ON FLOODWAY AND FLOODPLAIN HEC-RAS STUDY

HUNT 2678-001

I. PURPOSE OF STUDY

The purpose of this study is to evaluate the impacts to water surface elevations along Bentley Creek adjacent to the southwest corner of the bridge (B.I.N. 1046800), which carries NYS Route 367 (Main Street) over Bentley Creek, Village of Wellsburg resulting from the proposed fill and construction of the Proposed Fire Station. A goal of this study is to satisfy the requirements of the Village of Wellsburg for construction within the flood hazard areas.

II. BACKGROUND

A. Description of Project

The Village of Wellsburg's existing fire station is located on Maple Avenue, but due to growth needs and the existing location site constraints they need to relocate and construct a new facility to meet their needs.

The proposed Fire Station would have a structure foot print of 11,430 S.F., not including the parking and drive access areas. The height of fill would vary from 0 to 15 feet. The finished ground around the Proposed Fire Station would be approximately 11.7 feet above the base flood elevation of 848.3, with the associated fill representing an encroachment into the floodway of Bentley Creek.

The location of the proposed Fire Station is within the designated Floodway of Bentley Creek (refer to Attachment 1). The Floodway is defined as a channel of a river or other water course and the adjacent land areas that must be preserved in order to discharge the base flood without cumulatively increasing the water surface elevation.

B. Village of Wellsburg's Flood Insurance Study

The proposed site nearly entirely inundated by a 100 year floodplain while partially inundated by a floodway. Refer to Attachment 2 for FEMA floodplain mapping.

The current Flood Insurance Study for the Town of Erwin has an effective date of December 15, 1980. The hydrologic and hydraulic analyses for this study were prepared by the Susquehanna River Basin Commission for the Federal Insurance Administration, under an amendment to Contract H-3824. This work, which was completed in November 1977, covered all significant flooding sources in the Village of Wellsburg (refer to Attachment 2).

As per the current Flood Insurance the base flood elevation at the proposed Fire Station (Section 4725) is approximately 848.3 feet (national Geodetic Vertical Datum of 1929).

Refer to Attachment 3 for the 1980 Flood Insurance Study.

III. DEVELOPMENT OF HYDRAULIC MODEL

A. Model Description and Original Input Data

The U.S. Army Corps of Engineer's Hydraulic Engineering center's River Analysis System (HEC-RAS) Version 3.1.2 is utilized in this study to estimate water surface profiles along the Bentley Creek, upstream and downstream of the project site. Both current and post-project conditions shall be modeled, evaluated, and compared.

The basic computational procedure is based on the solution of the one-dimensional energy equation. Energy losses are evaluated by friction (Manning's Equation) and contraction/expansion (coefficient multiplied by the change in velocity head). The effects of various obstructions such as bridges, culverts, weirs, and fill within the floodplain can also be evaluated in this model.

The HEC-2 input data from the United States Department of Agriculture (Natural Resources Conservation Service (NRCS)) for Bentley Creek in the Village of Wellsburg is being used because it is the most current information and is being used to update the Flood Insurance Mapping for this area.

The United States Department of Agriculture (Natural Resources Conservation Service (NRCS)) is currently in the process of re-evaluating the floodway of Bentley Creek. The NRCS provided existing stream sections and Hydraulic data with a base flood elevation of 847.88 at section 4725 location

The portion of Bentley Creek from cross section F to the bridge which carries NYS Rte. 367 (B.I.N. 1046800) over Bentley Creek is being evaluated. This portion of the creek was modeled as being steady flow (sub-critical).

Refer to Attachment 5 for Existing Conditions HEC RAS mapping and input data.

B. Design Flood Discharge Rate

The peak 100 year discharge for Bentley Creek is 15,719 cfs based on information from NRCS.

C. Manning's Roughness Coefficients

The Manning's "n" values, utilized in the model for the Village's updated Study by the NRCS, were utilized for the evaluation of the existing conditions to reflect the elevations originally produced. The original FEMA study within the Village of Wellsburg utilized Manning's roughness factors of 0.035 for the main channel and 0.065 to 0.075 for the overbank areas. The study being conducted by the NRCS utilized Manning roughness factors of 0.053 for the main channel and 0.06 to 0.08 for the overbank areas. The proposed hydraulic evaluation the roughness factors were edited to reflect the current/proposed conditions of the channel and floodplain within the limits of the Proposed Fire Station. The Manning's "n" values for the Proposed main channel is 0.053 and 0.035 to 0.08 for the over bank areas.

D. Modeling of Proposed Fire Station Facility

The proposed Fire Station Facility site and the associated grading are modeled as a change in terrain. An additional section was added to the proposed conditions. The post-project model includes the proposed fill for the Fire Station Facility. The overbank areas between the proposed fill and main channel were re-graded. The Manning's

factors were revised to match the proposed conditions for the embankment and overbank areas.

IV. Results of Hydraulic Modeling

A. Comparison of Pre- and Post-Project Water Surface Elevations

The results of the HEC-RAS modeling of the existing and post-project conditions are presented in the following table. Changes in the water surface elevations for the various river-station cross-sections between the existing and post-project conditions are highlighted below.

Water surface elevations, immediately adjacent to the proposed Fire Station facility are predicted to be equal to or lower than the existing water surface elevations in that area.

Water surface elevations, upstream of the proposed Fire Station Facility, are predicted to remain unchanged from the existing conditions.

FEMA River Station	Cross Section Number	100 Year Water Surface Elevations	
		Current	Proposed
F	4725	847.88	847.70
F	4675	847.30	847.27
F	4618	n/a	847.20
F	4550	847.14	847.08
F	4525	846.93	846.88
F	4500	846.14	846.01

V. Conclusions

Based on the HEC-RAS modeling completed for this study, it is anticipated, upon the completion of the proposed Fire Station Facility, that water surface elevations along Bentley Creek will not increase during occurrence of the peak 100 year discharge, as a result of that proposed project.

Although the proposed Fire Station Facility is an obstruction in the regulatory floodway of Bentley Creek, an increase in base flood level of Bentley Creek due to this project is not predicted using HEC-RAS hydraulic modeling.

This lack of impact to the flood levels is attributed, in part, to the following reasons;

- Depending on the various hydraulic variables, a reduced cross-sectional area in a sub-critical flow regime can result in increased velocities and reduced water elevations.

VI. Attachments

Attachment 1: Location of the proposed Fire Station facility in relation to the Floodway of Bentley Creek (with cross section locations)

Attachment 2: FIRM Mapping, 1980

Attachment 3: Flood Profiles for Bentley Creek (from Flood Insurance Study, 1980)

Attachment 4: Site/Grading plan for the proposed Fire Station Facility

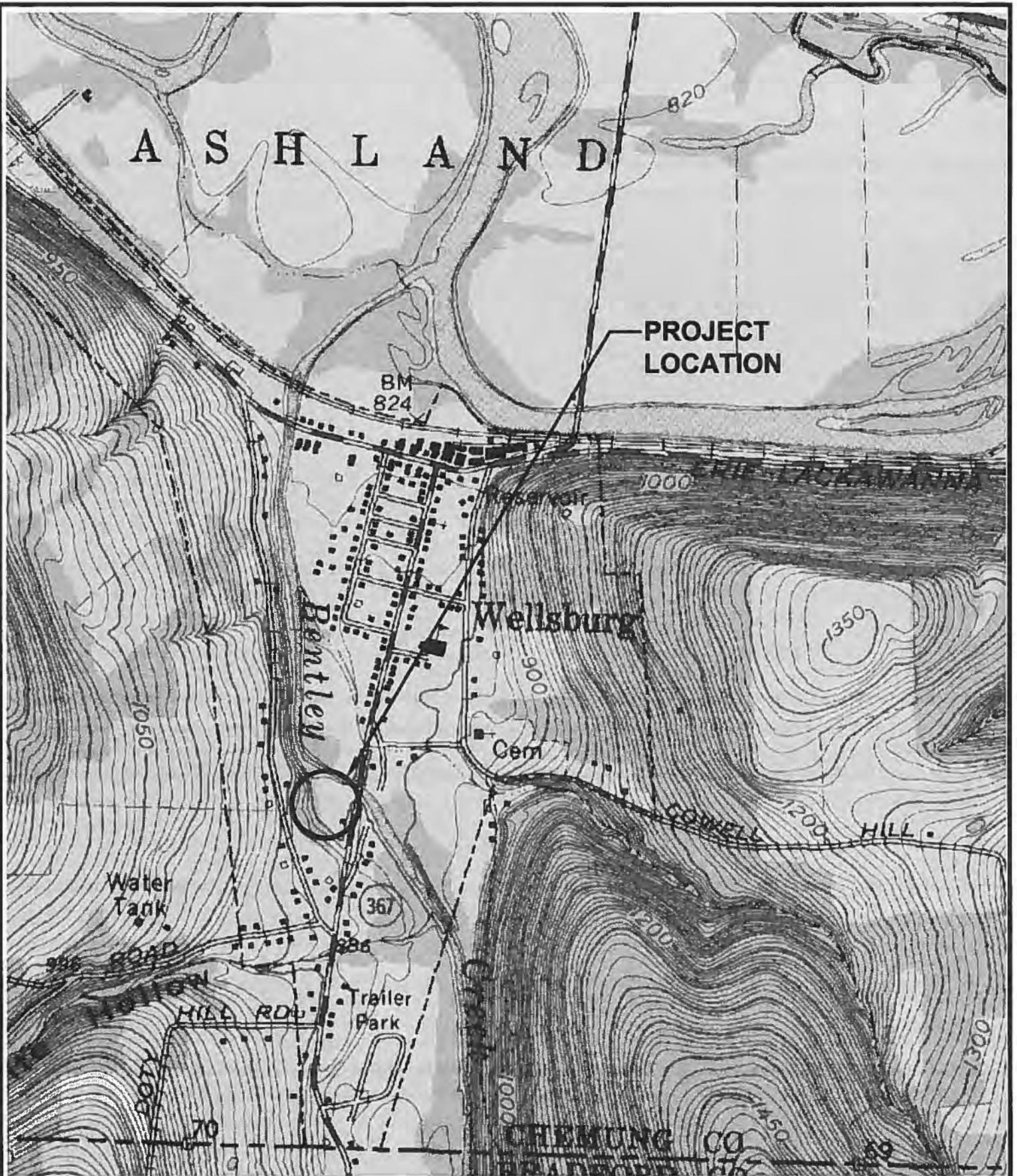
Attachment 5: HEC-RAS Input/Output Data – Existing Conditions

Attachment 6: HEC-RAS Input/Output Data – Proposed Conditions

VII. Sources of Information

1. Federal Emergency Management Agency, Flood Insurance Study for the Village of Wellsburg, Community Number 360157, December 15, 1980.
2. The United States Department of Agriculture -Natural Resources Conservation Service (NRCS), HEC/RAS data for Bentley Creek updated Flood Insurance Study.

**ATTACHMENT 1
LOCATION MAPPING**



HUNT

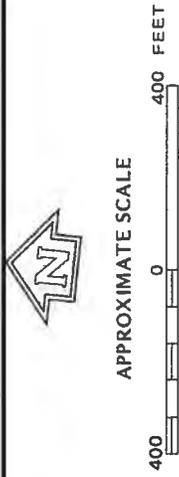
607-358-1000
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AIRPORT CORPORATE PARK, 100 HUNT CENTER, HORSEHEADS, N.Y. 14848

USGS LOCATION MAP

PROPOSED FIRE DEPARTMENT
VILLAGE OF WELLSBURG
CHEMUNG COUNTY, NEW YORK

**ATTACHMENT 2
FLOODPLAIN MAPPING**



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

VILLAGE OF
WELLSBURG,
NEW YORK
CHEMUNG COUNTY

ONLY PANEL PRINTED

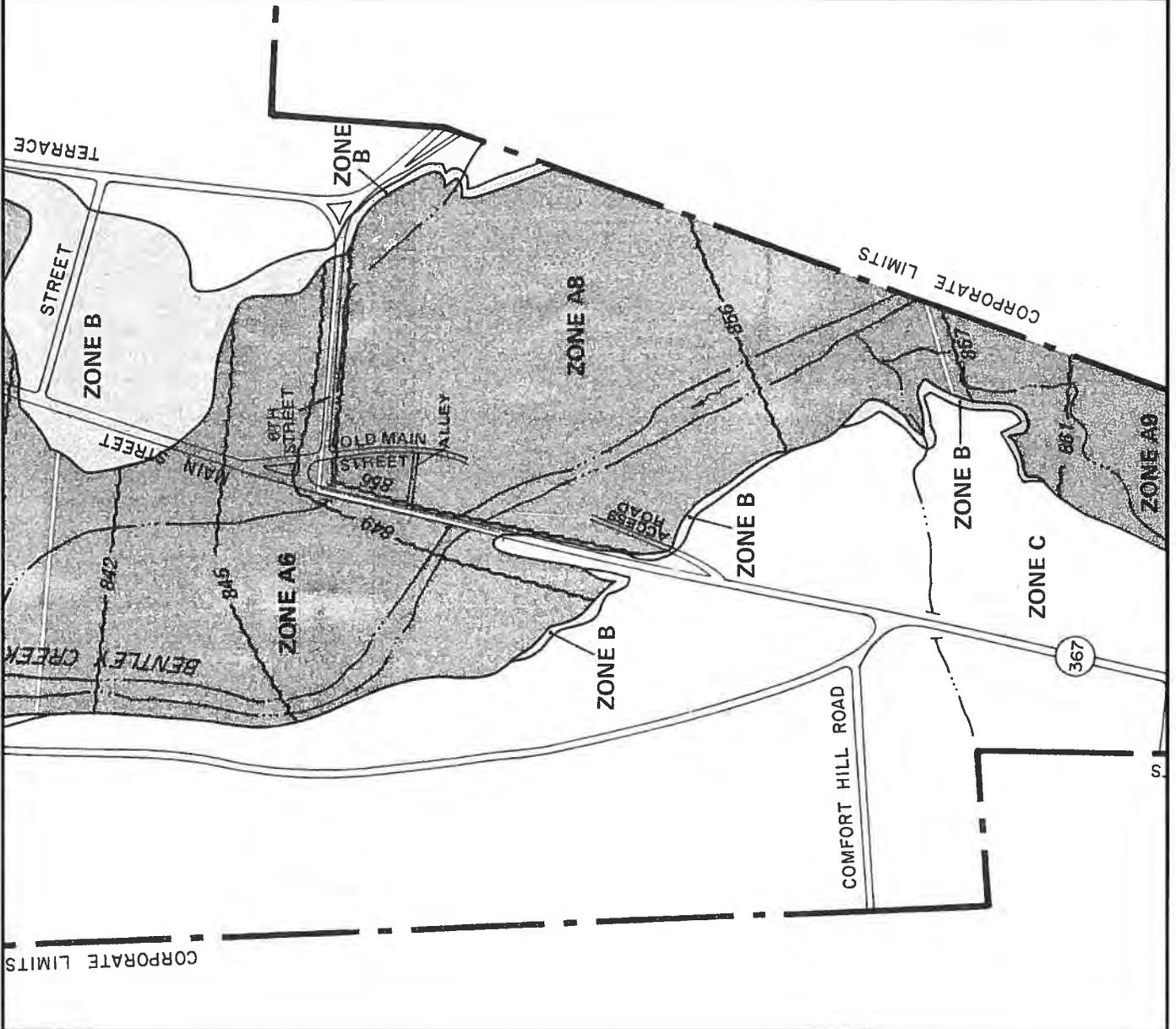
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360157 0001 B

EFFECTIVE DATE:
JUNE 15, 1981

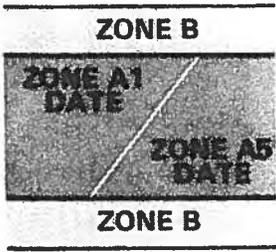


federal emergency management agency
federal insurance administration

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



KEY TO MAP

500-Year Flood Boundary → 100-Year Flood Boundary → Zone Designations* With Date of Identification e.g., 12/2/74 100-Year Flood Boundary → 500-Year Flood Boundary →	
Base Flood Elevation Line With Elevation In Feet**	
Base Flood Elevation in Feet Where Uniform Within Zone**	(EL 987)
Elevation Reference Mark	RM7 ×
River Mile	• M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

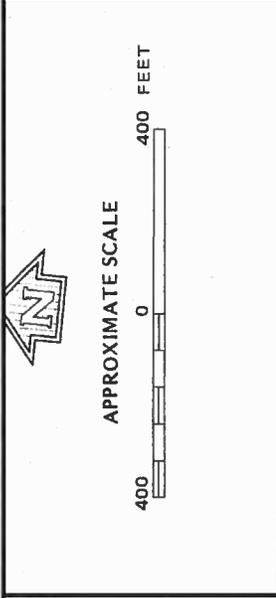
ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

**ATTACHMENT 3
FLOOD INSURANCE STUDY**



NATIONAL FLOOD INSURANCE PROGRAM

**FLOODWAY
FLOOD BOUNDARY AND
FLOODWAY MAP**

VILLAGE OF
**WELLSBURG,
NEW YORK**
CHEMUNG COUNTY

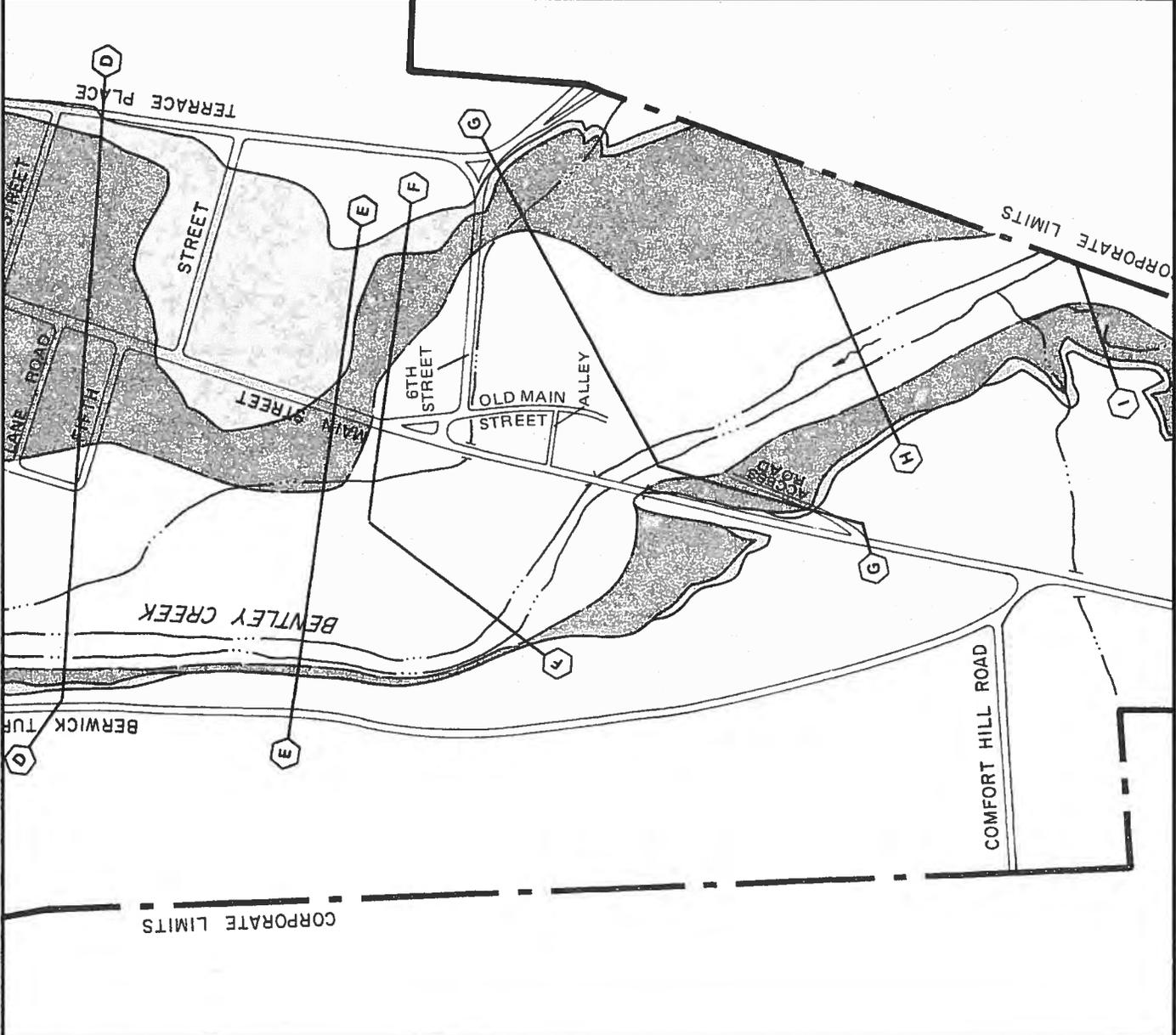
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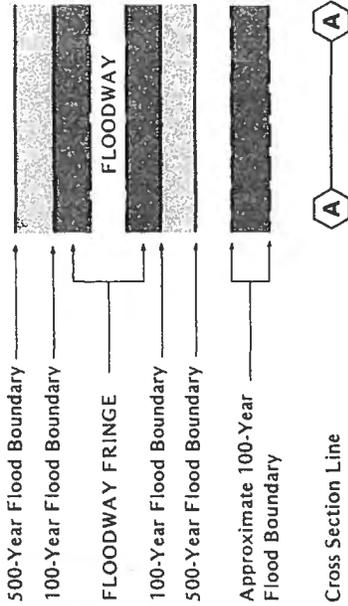
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federal emergency management agency
federal insurance administration

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KEY TO MAP



NOTES TO USER

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Insurance Administration.

This map was prepared to facilitate flood plain management activities only; it may not show all special flood hazard areas in the community or all planimetric features outside of the flood plain. Refer to the latest official Flood Insurance Rate Map for any additional areas of special flood hazard.



NATIONAL FLOOD INSURANCE PROGRAM

**FLOODWAY
FLOOD BOUNDARY AND
FLOODWAY MAP**

VILLAGE OF
WELLSBURG,
NEW YORK
CHEMUNG COUNTY

ONLY PANEL PRINTED

COMMUNITY-PANEL NUMBER
360157 0001

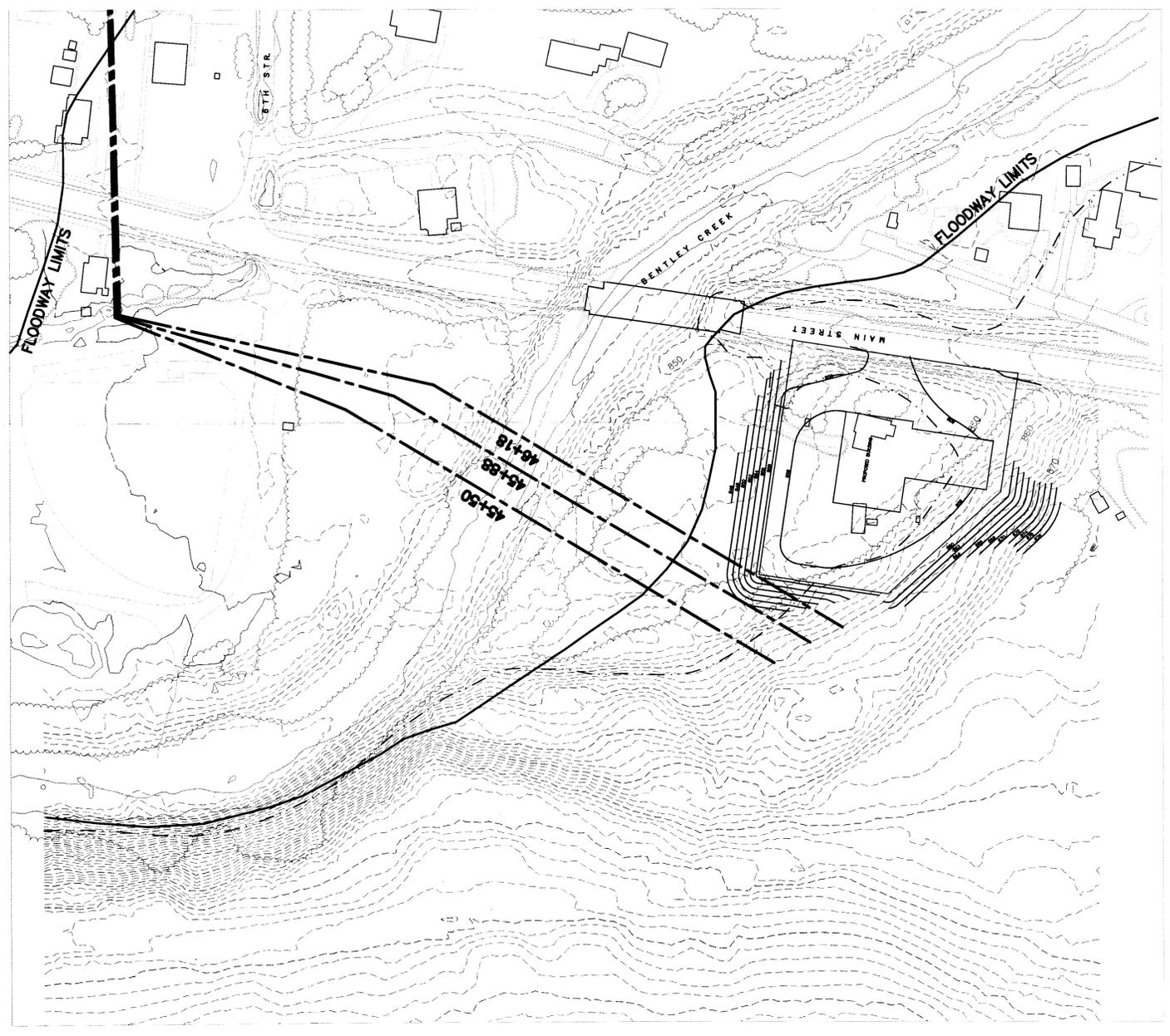
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federal emergency management agency
federal insurance administration

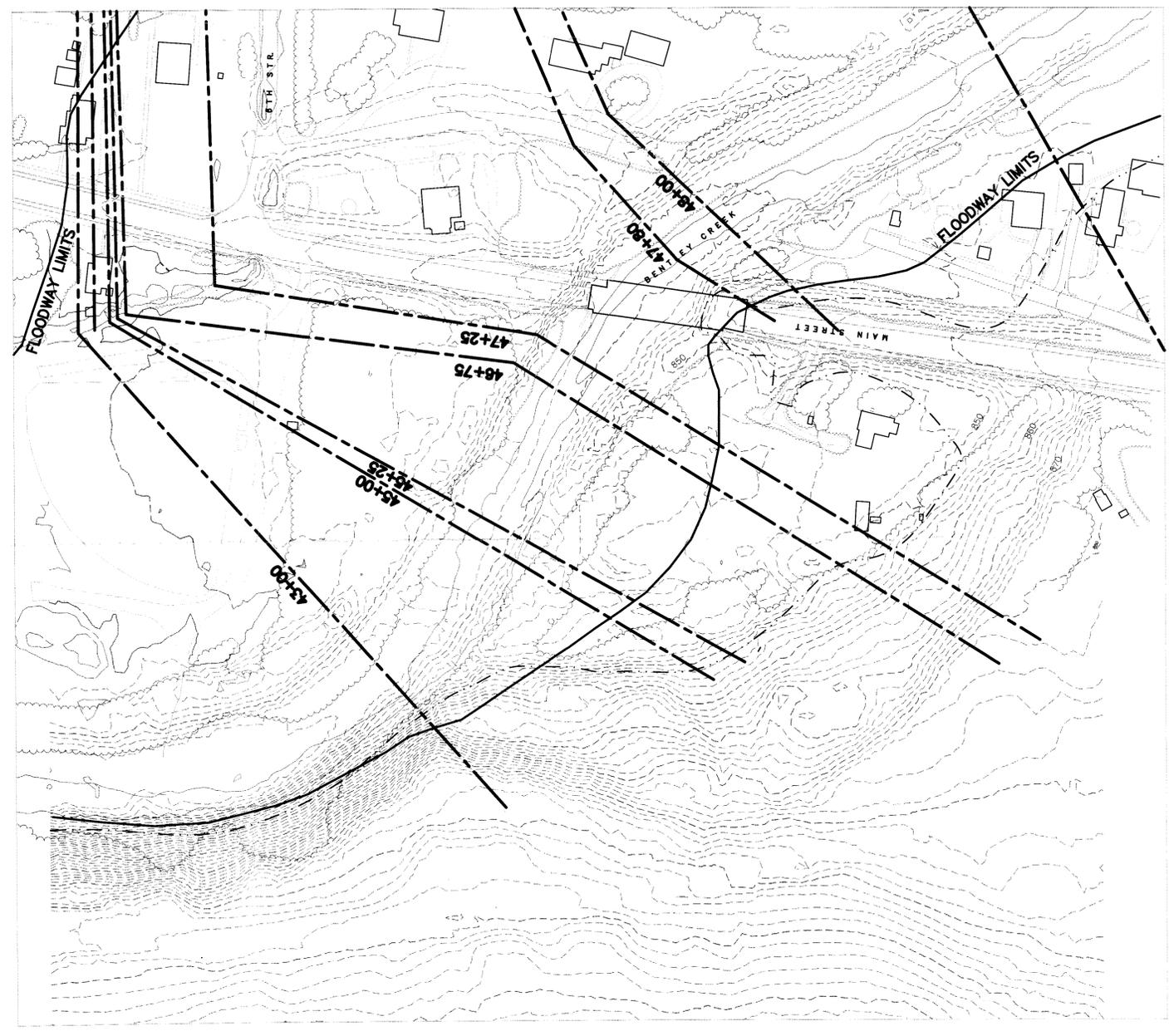
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ATTACHMENT 4
EXISTING & PROPOSED SITE CONDITIONS



PROPOSED HECRAS CROSS SECTIONS
SCALE: 1" = 60'

NOTE:
PROPOSED HECRAS SECTIONS
ARE IN ADDITION TO HECRAS
SECTION WORK IN EXISTING
CONDITIONS.



EXISTING HECRAS CROSS SECTIONS
SCALE: 1" = 60'

**ATTACHMENT 5
HEC-RAS INPUT/OUTPUT DATA
EXISTING CONDITIONS**

HEC-RAS Plan: Plan.01 River: BentleyCreek Reach: 1 (Continued)

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
1	4500	50 Yr	12630.00	836.40	845.78	845.78	846.77	0.009384	10.02	2366.23	1136.24	0.65
1	4500	100 Yr	15719.00	836.40	846.14	846.14	847.22	0.010487	10.80	2798.24	1201.81	0.69
1	4500	200 Yr	17807.00	836.40	846.41	846.41	847.49	0.010731	11.06	3127.25	1245.29	0.70
1	4500	500 Yr	21130.00	836.40	846.73	846.73	847.85	0.011431	11.57	3523.32	1261.13	0.73
1	4525	1 Yr	1986.00	836.40	841.68		842.02	0.004325	4.85	451.28	113.07	0.41
1	4525	2 Yr	3194.00	836.40	842.48		843.12	0.006961	6.70	576.00	203.37	0.53
1	4525	5 Yr	5744.00	836.40	844.05		845.01	0.008413	8.46	1028.44	527.13	0.60
1	4525	10 Yr	8221.00	836.40	845.61	843.97	846.11	0.004604	6.95	2186.27	1106.73	0.45
1	4525	25 Yr	11261.00	836.40	846.24		846.75	0.004962	7.46	2914.92	1217.98	0.48
1	4525	50 Yr	12630.00	836.40	846.46		846.98	0.005171	7.69	3186.90	1247.68	0.49
1	4525	100 Yr	15719.00	836.40	846.93		847.45	0.005318	7.96	3782.15	1271.39	0.50
1	4525	200 Yr	17807.00	836.40	847.19		847.72	0.005549	8.22	4103.34	1281.22	0.51
1	4525	500 Yr	21130.00	836.40	847.51		848.09	0.006042	8.69	4524.85	1292.73	0.53
1	4550	1 Yr	1986.00	836.40	841.81		842.12	0.003964	4.71	465.25	114.15	0.39
1	4550	2 Yr	3194.00	836.40	842.73		843.29	0.005827	6.28	629.59	222.15	0.49
1	4550	5 Yr	5744.00	836.40	844.61		845.21	0.005270	6.98	1330.21	548.07	0.48
1	4550	10 Yr	8221.00	836.40	845.82		846.22	0.003834	6.42	2411.52	1143.55	0.42
1	4550	25 Yr	11261.00	836.40	846.45		846.86	0.004155	6.89	3171.98	1247.08	0.44
1	4550	50 Yr	12630.00	836.40	846.68		847.10	0.004250	7.04	3465.56	1258.84	0.44
1	4550	100 Yr	15719.00	836.40	847.14		847.57	0.004478	7.37	4048.01	1279.70	0.46
1	4550	200 Yr	17807.00	836.40	847.40		847.85	0.004686	7.62	4377.37	1288.72	0.47
1	4550	500 Yr	21130.00	836.40	847.74		848.23	0.005085	8.05	4823.40	1300.82	0.49
1	4675	1 Yr	1986.00	837.53	842.33		842.89	0.008488	5.97	332.50	92.68	0.56
1	4675	2 Yr	3194.00	837.53	843.45		844.27	0.009403	7.29	438.38	97.51	0.61
1	4675	5 Yr	5744.00	837.53	845.02	843.71	846.32	0.011189	9.29	698.62	425.81	0.69
1	4675	10 Yr	8221.00	837.53	846.32	846.32	847.32	0.008403	8.92	1486.82	877.21	0.61
1	4675	25 Yr	11261.00	837.53	846.92	846.92	847.93	0.008906	9.56	2045.40	971.71	0.63
1	4675	50 Yr	12630.00	837.53	847.16	847.16	848.16	0.008919	9.72	2283.97	995.71	0.63
1	4675	100 Yr	15719.00	837.53	847.30		848.65	0.012229	11.48	2415.40	1005.45	0.74
1	4675	200 Yr	17807.00	837.53	847.62		848.90	0.011738	11.47	2744.65	1029.44	0.73
1	4675	500 Yr	21130.00	837.53	848.05		849.29	0.011508	11.65	3191.39	1059.24	0.73
1	4725	1 Yr	1986.00	838.20	842.83		843.67	0.019421	7.34	270.68	103.94	0.80
1	4725	2 Yr	3194.00	838.20	843.98		844.98	0.016247	8.03	401.29	130.71	0.77
1	4725	5 Yr	5744.00	838.20	846.41		846.94	0.005839	6.47	1183.70	480.91	0.49
1	4725	10 Yr	8221.00	838.20	847.17		847.79	0.006251	7.23	1589.30	571.42	0.52

HEC-RAS Plan: Plan 01 River: BentleyCreek Reach: 1 (Continued)

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
1	4725	25 Yr	11261.00	838.20	847.43		848.39	0.009564	9.15	1738.35	593.67	0.64	
1	4725	50 Yr	12630.00	838.20	847.59		848.67	0.010626	9.78	1834.47	607.59	0.68	
1	4725	100 Yr	15719.00	838.20	847.88		849.27	0.013204	11.18	2016.29	633.09	0.76	
1	4725	200 Yr	17807.00	838.20	848.12		849.66	0.014324	11.88	2172.74	657.36	0.79	
1	4725	500 Yr	21130.00	838.20	848.47		850.19	0.015569	12.73	2405.86	668.60	0.83	
1	4765	Bridge											
1	4780	1 Yr	1986.00	838.20	843.79	841.99	844.09	0.002086	4.44	447.68	125.20	0.41	
1	4780	2 Yr	3194.00	838.20	845.01	842.83	845.42	0.002133	5.18	692.06	349.17	0.43	
1	4780	5 Yr	5744.00	838.20	846.92	844.34	847.35	0.001637	5.65	1531.56	552.20	0.39	
1	4780	10 Yr	8221.00	838.20	847.83	845.82	848.36	0.001859	6.53	2072.28	632.72	0.43	
1	4780	25 Yr	11261.00	838.20	848.84	846.79	849.44	0.001930	7.19	2744.53	682.30	0.44	
1	4780	50 Yr	12630.00	838.20	848.16	847.18	849.23	0.003629	9.37	2285.04	661.79	0.60	
1	4780	100 Yr	15719.00	838.20	850.18	847.86	850.80	0.001926	7.69	3687.24	725.32	0.44	
1	4780	200 Yr	17807.00	838.20	850.76	848.35	851.39	0.001882	7.88	4112.21	736.06	0.44	
1	4780	500 Yr	21130.00	838.20	851.19	848.96	851.95	0.002190	8.71	4431.33	744.02	0.48	
1	4800	1 Yr	1986.00	839.00	843.81		844.17	0.005298	4.83	411.47	112.08	0.44	
1	4800	2 Yr	3194.00	839.00	845.00		845.52	0.005690	5.82	549.14	123.21	0.48	
1	4800	5 Yr	5744.00	839.00	846.84		847.48	0.005291	6.71	1037.23	381.36	0.48	
1	4800	10 Yr	8221.00	839.00	847.81		848.48	0.005285	7.23	1461.90	519.74	0.49	
1	4800	25 Yr	11261.00	839.00	848.91		849.53	0.004661	7.29	2069.19	603.41	0.47	
1	4800	50 Yr	12630.00	839.00	848.20		849.42	0.009385	9.90	1670.62	541.12	0.65	
1	4800	100 Yr	15719.00	839.00	850.35		850.89	0.003782	7.10	3052.13	716.28	0.43	
1	4800	200 Yr	17807.00	839.00	850.98		851.49	0.003399	6.98	3503.98	726.43	0.41	
1	4800	500 Yr	21130.00	839.00	851.49		852.06	0.003648	7.46	3874.51	729.77	0.43	
1	4850	1 Yr	1986.00	839.03	844.05		844.52	0.007867	5.55	357.76	92.42	0.50	
1	4850	2 Yr	3194.00	839.03	845.22		845.93	0.009095	6.79	470.23	99.79	0.55	
1	4850	5 Yr	5744.00	839.03	847.04		847.86	0.008474	7.71	914.58	424.64	0.55	
1	4850	10 Yr	8221.00	839.03	848.22		848.79	0.006830	6.90	1503.06	624.12	0.49	
1	4850	25 Yr	11261.00	839.03	849.38		849.79	0.004946	5.91	2261.35	684.71	0.41	
1	4850	50 Yr	12630.00	839.03	849.33		849.87	0.006458	6.73	2230.10	682.51	0.47	
1	4850	100 Yr	15719.00	839.03	850.72		851.10	0.003632	5.43	3232.61	750.17	0.35	
1	4850	200 Yr	17807.00	839.03	851.30		851.67	0.003247	5.28	3672.75	767.01	0.33	
1	4850	500 Yr	21130.00	839.03	851.84		852.25	0.003377	5.51	4089.10	782.42	0.34	
1	5000	1 Yr	1986.00	840.42	845.22		845.62	0.006706	5.11	398.07	141.12	0.46	

**ATTACHMENT 6
HEC-RAS INPUT/OUTPUT DATA
PROPOSED CONDITIONS**

HEC-RAS Plan: Plan 13 River: BentleyCreek Reach: 1 (Continued)

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
1	4500	50 Yr	12630.00	836.40	845.64	845.64	846.64	0.009578	9.95	2286.63	1139.40	0.66	
1	4500	100 Yr	15719.00	836.40	846.01	846.01	847.09	0.010390	10.67	2731.26	1207.39	0.69	
1	4500	200 Yr	17807.00	836.40	846.29	846.29	847.36	0.010616	10.86	3069.40	1254.32	0.70	
1	4500	500 Yr	21130.00	836.40	846.66	846.66	847.71	0.010899	11.11	3538.58	1287.02	0.71	
1	4525	1 Yr	1986.00	836.40	841.67		842.01	0.004361	4.86	449.98	112.97	0.41	
1	4525	2 Yr	3194.00	836.40	842.44		843.09	0.007034	6.71	592.55	259.39	0.53	
1	4525	5 Yr	5744.00	836.40	844.02	842.93	844.84	0.007572	8.01	1127.05	526.07	0.57	
1	4525	10 Yr	8221.00	836.40	845.43	843.97	845.94	0.004878	7.03	2102.42	1077.75	0.47	
1	4525	25 Yr	11261.00	836.40	846.17		846.63	0.004880	7.18	2947.27	1217.01	0.47	
1	4525	50 Yr	12630.00	836.40	846.39		846.86	0.005142	7.36	3227.68	1258.32	0.48	
1	4525	100 Yr	15719.00	836.40	846.88		847.33	0.005335	7.49	3843.40	1290.36	0.49	
1	4525	200 Yr	17807.00	836.40	847.11		847.59	0.005652	7.79	4154.52	1324.01	0.51	
1	4525	500 Yr	21130.00	836.40	847.42		847.96	0.006160	8.36	4556.49	1331.08	0.53	
1	4550	1 Yr	1986.00	836.40	841.80		842.12	0.003970	4.69	466.50	115.11	0.39	
1	4550	2 Yr	3194.00	836.40	842.74		843.25	0.005502	6.09	680.08	279.44	0.47	
1	4550	5 Yr	5744.00	836.40	844.50		845.02	0.004904	6.65	1385.91	549.09	0.46	
1	4550	10 Yr	8221.00	836.40	845.69		846.05	0.003744	6.12	2396.57	1133.96	0.41	
1	4550	25 Yr	11261.00	836.40	846.39		846.74	0.003867	6.34	3241.29	1263.81	0.42	
1	4550	50 Yr	12630.00	836.40	846.63		846.98	0.003968	6.46	3538.67	1278.38	0.42	
1	4550	100 Yr	15719.00	836.40	847.08		847.45	0.004247	6.81	4120.56	1325.16	0.44	
1	4550	200 Yr	17807.00	836.40	847.32		847.72	0.004430	7.10	4443.88	1330.77	0.45	
1	4550	500 Yr	21130.00	836.40	847.64		848.09	0.004812	7.61	4873.37	1338.20	0.47	
1	4618	1 Yr	1986.00	836.70	842.05		842.45	0.005489	5.18	405.00	124.15	0.45	
1	4618	2 Yr	3194.00	836.70	843.09		843.67	0.006552	6.39	562.29	179.30	0.51	
1	4618	5 Yr	5744.00	836.70	844.76		845.42	0.006189	7.29	1061.41	438.80	0.51	
1	4618	10 Yr	8221.00	836.70	845.87		846.37	0.004954	6.81	1773.76	759.94	0.47	
1	4618	25 Yr	11261.00	836.70	846.53		847.09	0.005297	7.39	2388.83	1002.95	0.49	
1	4618	50 Yr	12630.00	836.70	846.76		847.34	0.005365	7.57	2620.08	1032.35	0.49	
1	4618	100 Yr	15719.00	836.70	847.20		847.83	0.005553	7.99	3087.87	1082.50	0.51	
1	4618	200 Yr	17807.00	836.70	847.44		848.11	0.005775	8.31	3349.50	1095.56	0.52	
1	4618	500 Yr	21130.00	836.70	847.76		848.52	0.006239	8.87	3702.86	1112.95	0.54	
1	4675	1 Yr	1986.00	837.53	842.32		842.87	0.008502	5.95	333.95	93.91	0.56	
1	4675	2 Yr	3194.00	837.53	843.35		844.20	0.009952	7.38	432.74	98.66	0.62	
1	4675	5 Yr	5744.00	837.53	844.81	843.69	846.05	0.012016	9.18	679.96	232.63	0.70	
1	4675	10 Yr	8221.00	837.53	845.75	845.72	846.96	0.011306	9.44	1072.59	513.10	0.69	

HEC-RAS Plan: Plan 13 River: BentleyCreek Reach: 1 (Continued)

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
1	4675	25 Yr	11261.00	837.53	846.59	846.59	847.70	0.010060	9.33	1677.39	867.97	0.66	
1	4675	50 Yr	12630.00	837.53	846.82	846.82	847.95	0.010099	9.47	1889.43	916.42	0.67	
1	4675	100 Yr	15719.00	837.53	847.27	847.27	848.44	0.010341	9.81	2313.08	988.03	0.68	
1	4675	200 Yr	17807.00	837.53	847.46	847.46	848.73	0.011190	10.31	2501.37	1013.22	0.71	
1	4675	500 Yr	21130.00	837.53	847.84	847.84	849.16	0.011252	10.54	2904.32	1065.12	0.71	
1	4725	1 Yr	1986.00	838.20	842.82		843.67	0.019667	7.37	269.53	103.82	0.81	
1	4725	2 Yr	3194.00	838.20	843.91		844.96	0.017264	8.20	392.25	128.32	0.79	
1	4725	5 Yr	5744.00	838.20	845.90		846.70	0.009262	7.69	956.34	416.58	0.61	
1	4725	10 Yr	8221.00	838.20	846.64		847.55	0.009775	8.57	1298.43	510.31	0.64	
1	4725	25 Yr	11261.00	838.20	847.07		848.31	0.012699	10.21	1534.12	562.96	0.73	
1	4725	50 Yr	12630.00	838.20	847.29		848.63	0.013400	10.70	1658.28	581.82	0.76	
1	4725	100 Yr	15719.00	838.20	847.70		849.26	0.015161	11.80	1900.58	616.98	0.81	
1	4725	200 Yr	17807.00	838.20	848.12	848.12	849.66	0.014349	11.89	2171.25	657.28	0.79	
1	4725	500 Yr	21130.00	838.20	848.51	848.51	850.19	0.015138	12.59	2432.16	669.86	0.82	
1	4765		Bridge										
1	4780	1 Yr	1986.00	838.20	843.78	841.99	844.09	0.002088	4.44	447.48	125.19	0.41	
1	4780	2 Yr	3194.00	838.20	844.99	842.83	845.40	0.002157	5.20	685.72	299.22	0.43	
1	4780	5 Yr	5744.00	838.20	846.78	844.35	847.24	0.001802	5.85	1455.01	534.59	0.41	
1	4780	10 Yr	8221.00	838.20	847.84	845.82	848.37	0.001846	6.51	2079.77	633.73	0.42	
1	4780	25 Yr	11261.00	838.20	848.84	846.80	849.44	0.001929	7.19	2745.19	682.33	0.44	
1	4780	50 Yr	12630.00	838.20	849.23	847.17	849.86	0.001960	7.45	3013.59	694.03	0.45	
1	4780	100 Yr	15719.00	838.20	850.18	847.86	850.80	0.001926	7.69	3687.29	725.32	0.44	
1	4780	200 Yr	17807.00	838.20	850.76	848.37	851.39	0.001882	7.88	4112.21	736.06	0.44	
1	4780	500 Yr	21130.00	838.20	851.19	848.96	851.95	0.002190	8.71	4431.33	744.02	0.48	
1	4800	1 Yr	1986.00	839.00	843.81		844.17	0.005304	4.83	411.30	112.07	0.44	
1	4800	2 Yr	3194.00	839.00	844.97		845.50	0.005773	5.85	546.47	121.38	0.48	
1	4800	5 Yr	5744.00	839.00	846.67		847.39	0.005985	7.04	975.58	378.65	0.51	
1	4800	10 Yr	8221.00	839.00	847.82		848.49	0.005233	7.20	1468.92	520.40	0.49	
1	4800	25 Yr	11261.00	839.00	848.91		849.53	0.004658	7.29	2069.78	603.54	0.47	
1	4800	50 Yr	12630.00	839.00	849.32		849.94	0.004590	7.41	2330.31	665.12	0.47	
1	4800	100 Yr	15719.00	839.00	850.35		850.89	0.003782	7.10	3052.17	716.29	0.43	
1	4800	200 Yr	17807.00	839.00	850.98		851.49	0.003399	6.98	3503.98	726.43	0.41	
1	4800	500 Yr	21130.00	839.00	851.49		852.06	0.003648	7.46	3874.51	729.77	0.43	
1	4850	1 Yr	1986.00	839.03	844.05		844.52	0.007874	5.55	357.65	92.41	0.50	

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

This form is to be filled out in duplicate.

SECTION 1: GENERAL PROVISIONS (APPLICANT to read and sign):

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit will expire if no work is commenced within six months of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state and federal regulatory requirements.
7. Applicant hereby gives consent to the Local Administrator or his/her representative to make reasonable inspections required to verify compliance.
8. I, THE APPLICANT, CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

(APPLICANT'S SIGNATURE) Malden L. Bolin DATE 11/11/2012

SECTION 2: PROPOSED DEVELOPMENT (To be completed by APPLICANT)

	<u>NAME</u>	<u>ADDRESS</u>	<u>TELEPHONE</u>
APPLICANT	<u>Village of Wellsburg</u>	<u>3063 Sixth Street, Wellsburg NY 14894</u>	<u>607-271-9121</u>
BUILDER	<u>Village of Wellsburg and future contractor</u>		
ENGINEER	<u>HUNT Engineers</u>		

PROJECT LOCATION: 147 Main Street, Wellsburg, NY 14894

To avoid delay in processing the application, please provide enough information to easily identify the project location. Provide the street address, lot number or legal description (attach) and, outside urban areas, the distance to the nearest intersecting road or well-known landmark. A sketch attached to this application showing the project location would be helpful.

DESCRIPTION OF WORK (Check all applicable boxes):

A. STRUCTURAL DEVELOPMENT

<u>ACTIVITY</u>	<u>STRUCTURE TYPE</u>
<input type="checkbox"/> New Structure	<input type="checkbox"/> Residential (1-4 Family)
<input type="checkbox"/> Addition	<input type="checkbox"/> Residential (More than 4 Family)
<input type="checkbox"/> Alteration	<input type="checkbox"/> Non-residential (Floodproofing? <input type="checkbox"/> Yes)
<input type="checkbox"/> Relocation	<input type="checkbox"/> Combined Use (Residential & Commercial)
<input type="checkbox"/> Demolition	<input type="checkbox"/> Manufactured (Mobile) Home
<input type="checkbox"/> Replacement	(In Manufactured Home Park? <input type="checkbox"/> Yes)

ESTIMATED COST OF PROJECT \$ _____

B. OTHER DEVELOPMENT ACTIVITIES:

- Fill Mining Drilling Grading
- Excavation (Except for Structural Development Checked Above)
- Watercourse Alteration (Including Dredging and Channel Modifications)
- Drainage Improvements (Including Culvert Work)
- Road, Street or Bridge Construction
- Subdivision (New or Expansion)
- Individual Water or Sewer System
- Other (Please Specify) _____

After completing SECTION 2, APPLICANT should submit form to Local Administrator for review.

SECTION 3: FLOODPLAIN DETERMINATION (To be completed by **LOCAL ADMINISTRATOR**)

The proposed development is located on FIRM Panel No. 36057-0013, Dated June 15, 1981.

The Proposed Development:

- Is **NOT** located in a Special Flood Hazard Area (Notify the applicant that the application review is complete and NO FLOODPLAIN DEVELOPMENT PERMIT IS REQUIRED).
- Is located in a Special Flood Hazard Area.
FIRM zone designation is Zone A 6.
100-Year flood elevation at the site is:
849 Ft. NGVD (MSL)
 Unavailable
- The proposed development is located in a floodway.
FBFM Panel No. _____ Dated _____
- See Section 4 for additional instructions.

SIGNED Joseph F. Moray CEO DATE 11/1/12

APPEALS: Appealed to Board of Appeals? Yes No
Hearing date: _____
Appeals Board Decision --- Approved? Yes No

Conditions

SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued)

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application). Complete 1 or 2 below.

1. Actual (As-Built) Elevation of the top of the lowest floor, including basement (in Coastal High Hazard Areas, bottom of lowest structural member of the lowest floor, excluding piling and columns) is: _____ FT. NGVD (MSL).
2. Actual (As-Built) Elevation of floodproofing protection is _____ FT. NGVD (MSL).

NOTE: Any work performed prior to submittal of the above information is at the risk of the Applicant.

SECTION 7: COMPLIANCE ACTION (To be completed by LOCAL ADMINISTRATOR)

The **LOCAL ADMINISTRATOR** will complete this section as applicable based on inspection of the project to ensure compliance with the community's local law for flood damage prevention.

INSPECTIONS: DATE _____ BY _____ DEFICIENCIES? YES NO
DATE _____ BY _____ DEFICIENCIES? YES NO
DATE _____ BY _____ DEFICIENCIES? YES NO

SECTION 8: CERTIFICATE OF COMPLIANCE (To be completed by LOCAL ADMINISTRATOR)

Certificate of Compliance issued: DATE: _____ BY: _____



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wellsburg Fire Station

Feb 8, 2013



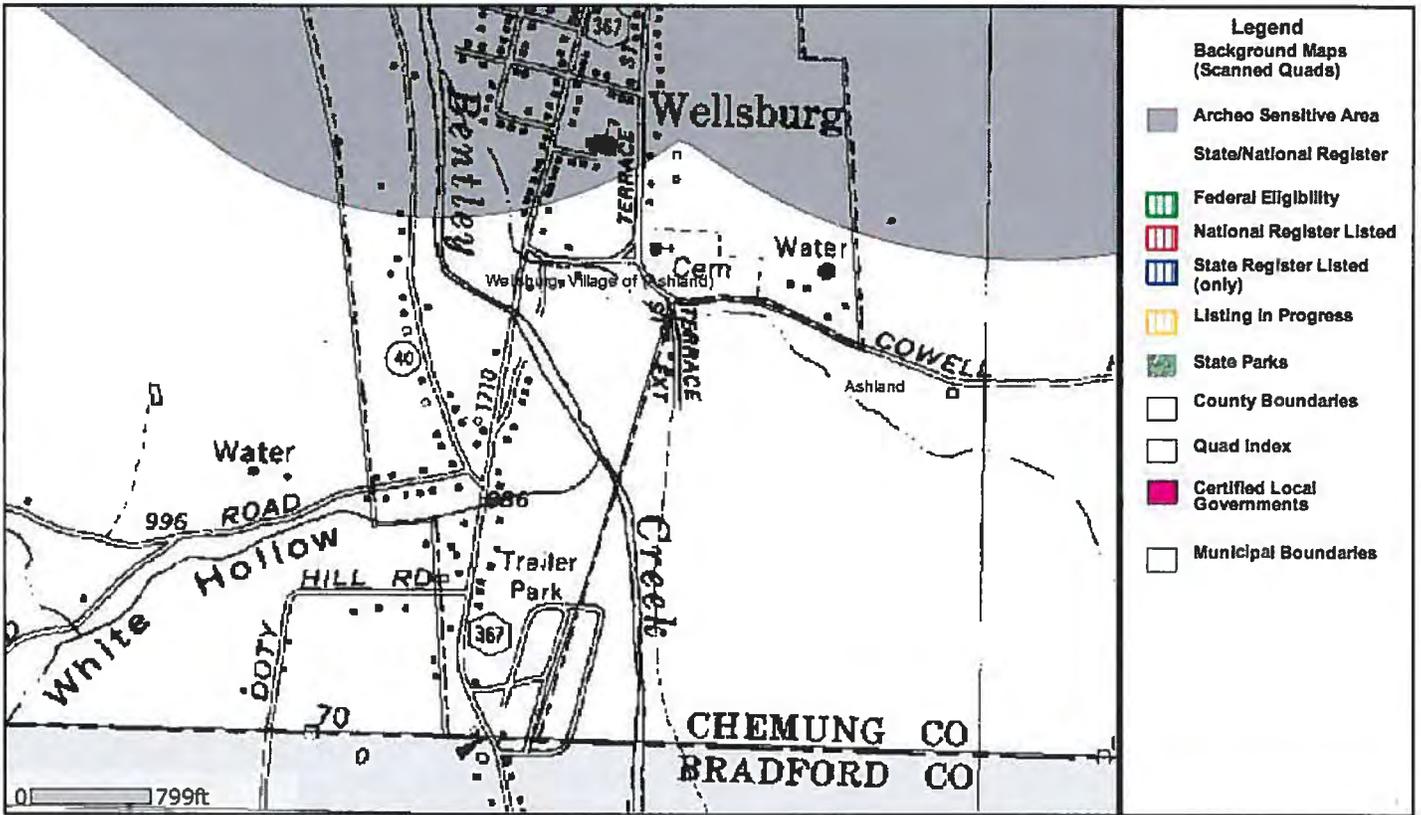
Wetlands

- Freshwater Emergent
 - Freshwater Forested/Shrub
 - Estuarine and Marine Deepwater
 - Estuarine and Marine
 - Freshwater Pond
 - Lake
 - Riverine
 - Other
- ## Riparian
- Herbaceous
 - Forested/Shrub

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

SITE

User Remarks:



October 22, 2012

Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

Search	Layers & Legend	Tell Me More...
Need a Permit?	Contacts	Help

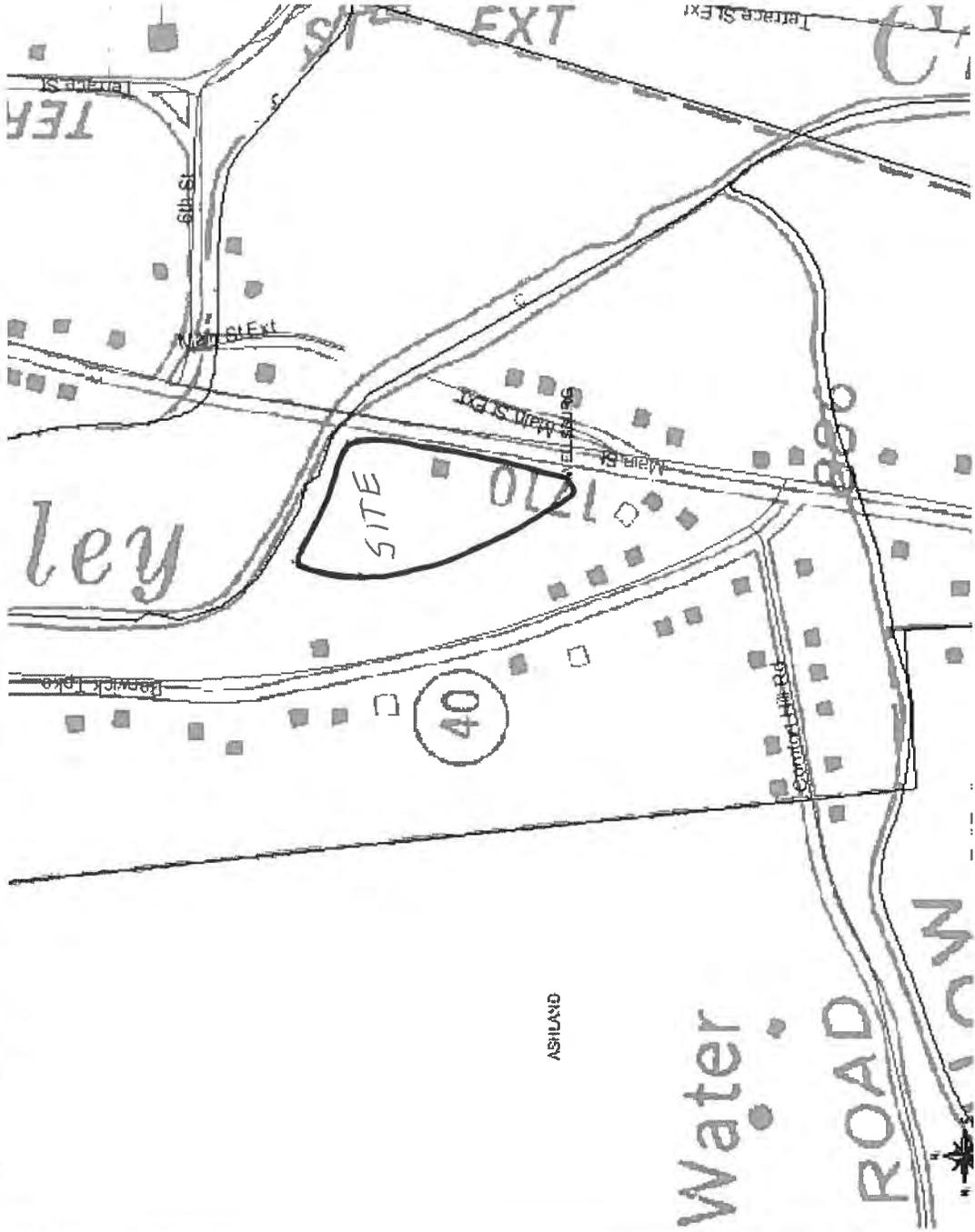
Map Layers & Legend

More layers appear as you zoom in.

- Classified Water Bodies
- Unique Geological Features
- Classified Water Bodies
- State-Regulated Freshwater Wetlands
- Wetland Checkzone ?
- Rare Plants and Rare Animals
- Significant Natural Communities
- Natural Communities Vicinity ?
- Background Map
- Adirondack Park Boundary
- Counties

Click "Refresh Layers" to activate and deactivate layers.

Map navigation and utility icons including: zoom in (+), zoom out (-), pan (hand), home (house), layers (stack), info (i), target (bullseye), and other standard GIS controls.





Sole Source Aquifers

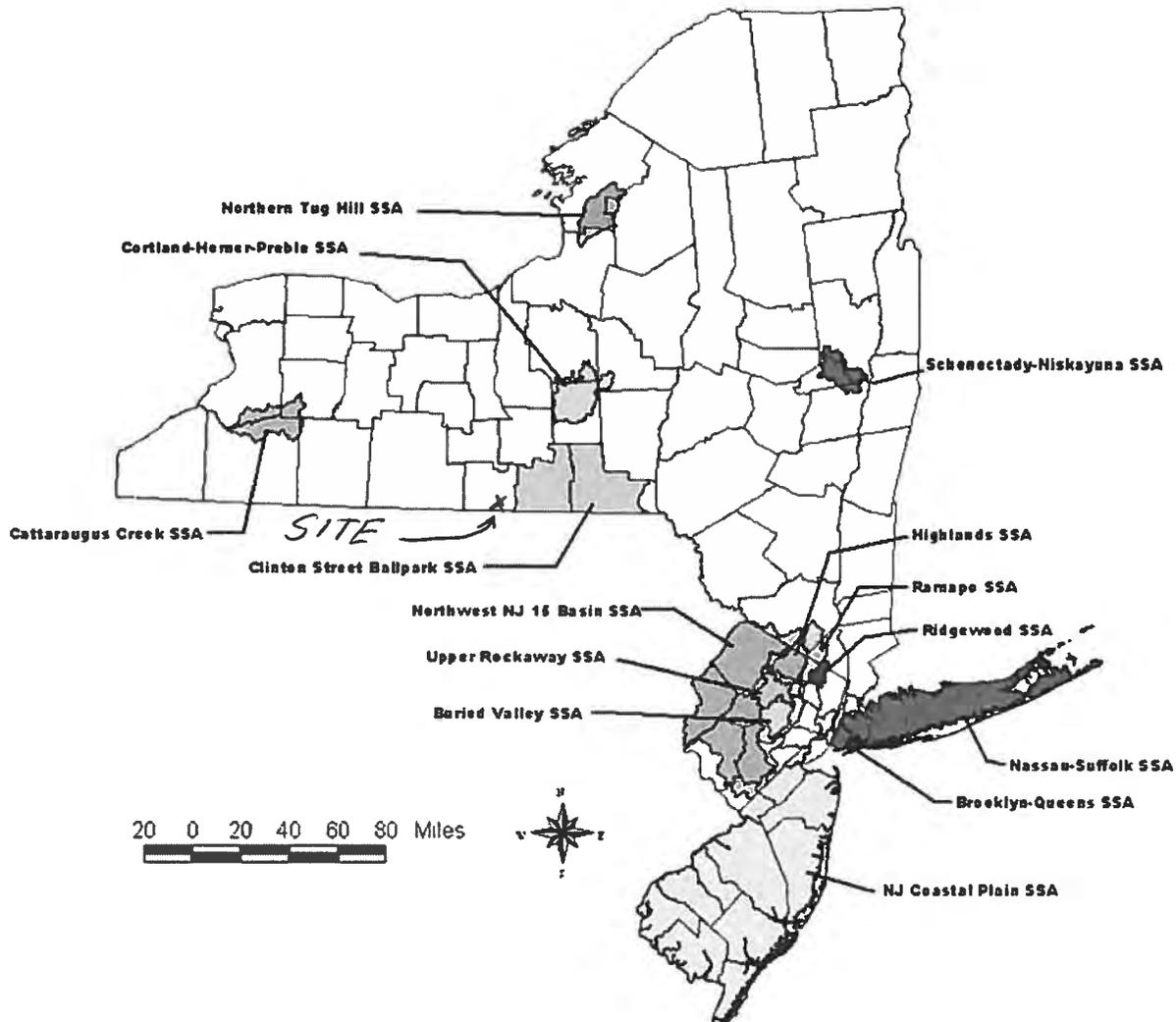
Sole Source Aquifer designation is one tool to protect drinking water supplies in areas with few or no alternative sources to the ground water resource, and where if contamination occurred, using an alternative source would be extremely expensive. The designation protects an area's ground water resource by requiring EPA to review all proposed projects within the designated area that will receive federal financial assistance. All proposed projects receiving federal funds are subject to review to ensure they do not endanger the ground water source.

Related Information

- Sole Source Aquifer Program
- Petitioner Guidance
- FAQs [PDF 14 KB, 2 pp]
- 40 CFR 149
- Section 1424(e) and NEPA

EPA defines a sole or principal source aquifer as one which supplies at least fifty percent (50%) of the drinking water consumed in the area overlying the aquifer. These areas can have no alternative drinking water source(s) which could physically, legally, and economically supply all those who depend upon the aquifer for drinking water. For convenience, all designated sole or principal source aquifers are referred to as "sole source aquifers" (SSA).

If you are interested in petitioning the EPA to make a designation, please consult the [Sole Source Aquifer Program Petitioner's Guidance](#) or contact EPA for assistance.



DESIGNATED SOLE SOURCE AQUIFERS

State	Name	Federal Register	Date	GIS Map	Information
NJ	Buried Valley Aquifers, Central Basin, Essex and Morris Counties	45 FR 30537	05/08/80	Yes	Yes
NJ	Upper Rockaway River Basin	49 FR 2946	01/24/84	Yes	Yes

NJ	Ridgewood Area Aquifers	49 FR 2943	01/24/84	Yes	Yes
NJ/NY	Highlands Aquifer System Passaic, Morris & Essex Co's NJ; Orange Co. NY	52 FR 37213	10/05/87	Yes	Yes
NJ/DE/PA	New Jersey Coastal Plain Aquifer System	53 FR 23791	06/24/88	Yes	Yes
NJ/NY	New Jersey Fifteen Basin Aquifers	53 FR 23685	06/23/88	Yes	Yes
NJ/NY	Ramapo River Basin Aquifer Systems	57 FR 39201	08/28/92	Yes	Yes
NY	Nassau/Suffolk Co., Long Island	43 FR 26611	06/21/78	Yes	Yes
NY	Kings/Queens Counties	49 FR 2950	01/24/84	Yes	Yes
NY	Schenectady/Niskayuna	50 FR 2022	01/14/85	Yes	Yes
NY	Clinton Street-Ballpark Valley Aquifer System, Broome and Tioga Co's	50 FR 2025	01/14/85	Yes	Yes
NY	Cattaraugus Creek Basin Aquifer, WY & Allegany Cos.	52 FR 36100	09/25/87	Yes	Yes
NY	Cortland-Homer-Preble Aquifer System	53 FR 22045	06/13/88	Yes	Yes
NY	Northern Tug Hill Glacial Aquifer	71 FR 64524	11/02/06	Yes	Yes

http://www.epa.gov/region2/water/aquifer/

732 updated 06 Tuesday, October 05, 2010

617.20
Appendix C
State Environmental Quality Review
SHORT ENVIRONMENTAL ASSESSMENT FORM
For UNLISTED ACTIONS Only

PART I - PROJECT INFORMATION (To be completed by Applicant or Project Sponsor)

1. APPLICANT/SPONSOR Village of Wellsburg	2. PROJECT NAME Spoil Site - 147 Main Street
3. PROJECT LOCATION: Municipality <u>Village of Wellsburg</u> County <u>Chemung</u>	
4. PRECISE LOCATION (Street address and road intersections, prominent landmarks, etc., or provide map) Vacant parcel of land located southwest of the intersection of Main Street and Bentley Creek. The land is the former location of a single family residential dwelling having an address of 147 Main Street.	
5. PROPOSED ACTION IS: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Modification/alteration	
6. DESCRIBE PROJECT BRIEFLY: Project costs of utilizing the vacant parcel for depositing clean fill material on existing ground. An existing driveway entrance from Main Street (NYSDOT Roadway) will be utilized. The project is within a floodway and a floodplain study has been completed. A floodplain development permit will be required.	
7. AMOUNT OF LAND AFFECTED: Initially <u>1-2</u> acres Ultimately <u>1-2</u> acres	
8. WILL PROPOSED ACTION COMPLY WITH EXISTING ZONING OR OTHER EXISTING LAND USE RESTRICTIONS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, describe briefly	
9. WHAT IS PRESENT LAND USE IN VICINITY OF PROJECT? <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Agriculture <input type="checkbox"/> Park/Forest/Open Space <input type="checkbox"/> Other Describe:	
10. DOES ACTION INVOLVE A PERMIT APPROVAL, OR FUNDING, NOW OR ULTIMATELY FROM ANY OTHER GOVERNMENTAL AGENCY (FEDERAL, STATE OR LOCAL)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, list agency(s) name and permit/approvals: <div style="text-align: center; margin-left: 100px;">Local Floodplain Development Permit; NYSDOT Highway Work Permit, NYSDEC SPDES Permit</div>	
11. DOES ANY ASPECT OF THE ACTION HAVE A CURRENTLY VALID PERMIT OR APPROVAL? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, list agency(s) name and permit/approvals: <div style="text-align: center; margin-left: 100px;">NYSDEC General (SPDES) Permit coverage</div>	
12. AS A RESULT OF PROPOSED ACTION WILL EXISTING PERMIT/APPROVAL REQUIRE MODIFICATION? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE Applicant/sponsor name: <u>Village of Wellsburg - Mayor Malcolm Coles</u> Date: <u>3/14/11</u> Signature: <u>Malcolm Coles</u>	

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment



PART II - IMPACT ASSESSMENT (To be completed by Lead Agency)

A. DOES ACTION EXCEED ANY TYPE I THRESHOLD IN 6 NYCRR, PART 617.4? If yes, coordinate the review process and use the FULL EAF.
 Yes No

B. WILL ACTION RECEIVE COORDINATED REVIEW AS PROVIDED FOR UNLISTED ACTIONS IN 6 NYCRR, PART 617.6? If No, a negative declaration may be superseded by another involved agency.
 Yes No

C. COULD ACTION RESULT IN ANY ADVERSE EFFECTS ASSOCIATED WITH THE FOLLOWING: (Answers may be handwritten, if legible)

C1. Existing air quality, surface or groundwater quality or quantity, noise levels, existing traffic pattern, solid waste production or disposal, potential for erosion, drainage or flooding problems? Explain briefly:
No.

C2. Aesthetic, agricultural, archaeological, historic, or other natural or cultural resources; or community or neighborhood character? Explain briefly:
No.

C3. Vegetation or fauna, fish, shellfish or wildlife species, significant habitats, or threatened or endangered species? Explain briefly:
No.

C4. A community's existing plans or goals as officially adopted, or a change in use or intensity of use of land or other natural resources? Explain briefly:
No.

C5. Growth, subsequent development, or related activities likely to be induced by the proposed action? Explain briefly:
No.

C6. Long term, short term, cumulative, or other effects not identified in C1-C5? Explain briefly:
No.

C7. Other impacts (including changes in use of either quantity or type of energy)? Explain briefly:
None

D. WILL THE PROJECT HAVE AN IMPACT ON THE ENVIRONMENTAL CHARACTERISTICS THAT CAUSED THE ESTABLISHMENT OF A CRITICAL ENVIRONMENTAL AREA (CEA)?
 Yes No If Yes, explain briefly:

E. IS THERE, OR IS THERE LIKELY TO BE, CONTROVERSY RELATED TO POTENTIAL ADVERSE ENVIRONMENTAL IMPACTS?
 Yes No If Yes, explain briefly:

PART III - DETERMINATION OF SIGNIFICANCE (To be completed by Agency)

INSTRUCTIONS: For each adverse effect identified above, determine whether it is substantial, large, important or otherwise significant. Each effect should be assessed in connection with its (a) setting (i.e. urban or rural); (b) probability of occurring; (c) duration; (d) irreversibility; (e) geographic scope; and (f) magnitude. If necessary, add attachments or reference supporting materials. Ensure that explanations contain sufficient detail to show that all relevant adverse impacts have been identified and adequately addressed. If question D of Part II was checked yes, the determination of significance must evaluate the potential impact of the proposed action on the environmental characteristics of the CEA.

- Check this box if you have identified one or more potentially large or significant adverse impacts which **MAY** occur. Then proceed directly to the FULL EAF and/or prepare a positive declaration.
- Check this box if you have determined, based on the information and analysis above and any supporting documentation, that the proposed action **WILL NOT** result in any significant adverse environmental impacts **AND** provide, on attachments as necessary, the reasons supporting this determination.

Village of Wellsburg

Name of Lead Agency

3/14/11

Date

Malcolm Coles

Print or Type Name of Responsible Officer in Lead Agency

Mayor

Title of Responsible Officer

Malcolm Coles

Signature of Responsible Officer in Lead Agency

Signature of Preparer (If different from responsible officer)





Village of Wellsburg
295-A Main Street P.O. Box 160
Wellsburg, NY 14894
Voice (607)271-9129
Fax (607)271-9182
www.villageofwellsburg.com

Date: 03/02/2010

**The Regular Monthly Meeting of the Board of Trustees
Meeting held at the Village of Wellsburg Office**

Official Present: Mayor Glenn Hurd Jr., Trustee Malcolm Coles, Trustee Lawrence Coughlin, Fire Commissioner Andrew Coles, Fire Commissioner Martin Craig, Code Enforcement Officer Lewis, Village Attorney Steven Barnstead.

Public Present: 8 Residents

Trustee Coles make the motion to accept the minutes from the Feb 2nd monthly board meeting.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried

Fire Department Report is given by Commissioner Coles. Updates are given on the key fab system being put in at the Fire Station. When an invoice is available from BRICO Inc. he will bring it to the office. Commissioner Coles is still having a problem with the front apron being plowed. Mayor Hurd says he will be sure to take care of it.

A check is to made out to "Wellsburg Fire Department" in the amount of \$1,215.08 for the Village's share of the banquet.

No MS4 Report

No Court Report

CEO Report Read –

Trustee Coles makes the motion to change Deborah Lewis's Civil Service classification from code enforcement officer to building inspector. Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried

Trustee Coles makes the motion to pay the payroll for Feb. totaling \$1,919.38.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried.

Trustee Coles makes the motion to transfer \$20,000 from General Checking to General Fire Savings due to deposit error.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried.

Trustee Coles makes the motion to transfer \$1,285.02 from General Checking to Trust and Agency for the fourth quarter of the NYS taxes in 2006. Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried

KVS Municipality Software Proposal is given to board members. Total is 17,869.80 with \$5,956.60 per year with a \$6000 down payment.

Trustee Coles makes the motion to take \$6000 from the reserve fund then put back \$3000 from water fund in 2010/2011 budget. Trustee Coughlin seconds the motion. Favor 3 Opposed 0. Motion was carried.

Trustee Coughlin makes the motion to pay \$727.00 in membership dues to NYCOM.

Trustee Coles seconds the motion. Favor 3 Opposed 0. Motion was carried.

Trustee Coles makes the motion to pay \$50.00 for Clerk Sarah Peck to become a notary. \$50.00 for the BOCES Notary class on March 31st and \$15.00 for the Notary test.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0. Motion was carried

Trustee Coles makes the motion to pay the Accident and Sickness insurance installment for the Wellsburg Fire Department in the amount of \$1141.00.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried.

Mayor Hurd makes the motion to accept the resignation of court clerk Yvonna Kelly.

Trustee Coles seconds the motion. Favor 3 Opposed 0 Motion was carried.

Trustee Coles makes the motion to set a limit of \$1000 to start the project at 147 Main Street.

Trustee Coughlin second the motion. Favor 3 Opposed 0 Motion was carried.

Trustee Coles makes the motion to fill out a SEQRA for the Village of Wellsburg that will declare the Village of Wellsburg an unlisted action wit the intent to become a lead agency and authorizes Mayor Glenn Hurd Jr. to sign.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried.

Clerk Sarah Peck is to set up a meeting between the Village Board, Town of Ashland Board, and Highway Superintendent Fred Roberts on Friday March 5th at 9 am to discuss the Town of Ashland's involvement in the 147 Main Street project.

Attorney Barnstead informed the board in order to extend the Village boundary across the train tracks to the property that is owned by the Village, both the Village and the Town must agree and then it can be done. According to section 706 of village code.

Trustee Coles makes the motion to pay \$96.46 for fill site signs for the hydrants at Old Main Street and 6th Street.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried.

Trustee Coles makes the motion for Clerk Sarah Peck to write a new check to Attorney Barnstead for \$3281.25 due to him not receiving it.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried.

Wilma Campbell, representing the Village of Wellsburg Food Cupboard, would like to ask the Village Board if they could increase their contribution to the food cupboard due to the struggles they have had.

Wilma Campbell would like it on record that she does not feel it is right for the Village to pay for the inspection dinner for the fireman because it is not just firemen who are attending and it has become a big party rather than something special for the fireman. She added she is not angry she just wanted to share her opinion.

The board thought sending questionnaires may be a good idea to get public opinion on Village Business.

Mayor Hurd makes the motion to close the general meeting at 8:45 P.M

Trustee Coles seconds the motion. Favor 3 Opposed 0 Motion was carried.

Mayor Hurd makes the motion to open the water meeting at 8:45 P.M.

Trustee Coles seconds the motion. Favor 3 Opposed 0 Motion was carried.

Water Meeting

Trustee Coles makes the motion to pay payroll for February at \$757.44 .

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried.

Trustee Coles makes the motion to pay claims for February at \$\$2757.21 Motion was carried.

Elmira Water Board is raising their rates for the Village from .88 per unit to .90 per unit.

Trustee Coles makes the motion for leading edge to have a late fee of \$10 per unit in the trailer park. Late is designated as 30 days to pay and then shut off notice will be sent, they will have 18 days to pay before water is shut off. Their will be a \$15 disconnect and \$15 connection fee.

Trustee Coughlin seconds the motion. Favor 3 Opposed 0 Motion was carried.

Mayor Hurd makes the motion to transfer \$100.00 from Water Checking to Water Savings.

Trustee Coles seconds the motion. Favor 3 Opposed 0 Motion was carried.

Trustee Coles makes the motion for Mayor Hurd to contact Highlander to see if the \$3000 reimbursement offer with a release of responsibility letter is still on the table.

Trustee Coles seconds the motion.

Favor 3 Opposed 0

Motion was carried.

Mayor Hurd makes the motion to close the water meeting at 9:26 P.M.

Trustee Coles seconds the motion.

Favor 3 Opposed 0

Motion was carried.

Transcribed by:

**Sarah Peck
Clerk**

This is an Equal Opportunity Program. Discrimination is prohibited by Federal Law. Complaints of discrimination may be filed with the USDA, Director, Office of Civil Rights, 1400 Independence Ave. Washington, DC 20250-94140 or call (800) 795-3272 (voice) or 720-6382 (TDD)

NYS Department of Environmental Conservation

Region 8 - Division of Environmental Permits
6274 East Avon-Lima Road
Avon, New York 14414-9519

Phone: (585) 226-5400

Fax: (585) 226-2830

Website: www.dec.ny.gov

12/18/2012



**Joe Martens
Commissioner**

5084

**HUNT ENGINEERS, ARCHITECTS & LAND SURVEYORS PC
JAMES LOONAN, SENIOR CIVIL ENGINEER
AIRPORT CORPORATE PARK
100 HUNT CENTER
HORSEHEADS, NY 14845-1019**

Re: SEQR REVIEW

Dear JAMES LOONAN,

The following comments are based upon the location information provided in your inquiry of:
FIRE STATION AT 147 MAIN ST (ST RTE 367)

SEQR Coordination & Establishment of Lead Agency

The NYS Department of Environmental Conservation (DEC) has no objection to the Village Of Wellsburg Board Of Trustees being established as the SEQR lead agency for the environmental review of this action.

Stormwater General Permit - Construction

This project may need to be in compliance with either the State Pollutant Discharge Elimination System (SPDES) General Permit for Storm Water Discharges from Construction Activities (GP-0-10-001) or the MS4 (Municipal Separate Storm Sewer Systems) General SPDES Permit (GP-0-10-002) (if located within an MS4's jurisdiction). Operators of construction activities that involve one acre or more of land disturbance (or may be less in an MS4's area) must obtain SPDES permit coverage through either an individual permit or either GP-0-10-001 or GP-0-10-002. To obtain coverage under a General Permit, all conditions of the permit must be met, including preparation and implementation of an appropriate Storm Water Pollution Prevention Plan (SWPPP) and the filing of a completed Notice of Intent (NOI) form with the NYSDEC. For further information and required forms, see the NYSDEC website at: <http://www.dec.ny.gov/chemical/8468.html>. If you believe your project would be covered under one or more of the General Permits and would NOT require any other DEC permits, you may apply for coverage by filing a Notice of Intent with NYSDEC Division of Water, 625 Broadway, Albany NY 12233-3505. If your project involves other DEC permits, please contact this office.

Flood Plain and Levee Protection Area

The project/site is located within a 100 year floodplain boundary and likely will be located within the floodway boundaries. Structural designs should take this criteria into account and allow passage of the flood waters flowing through the floodway. This project must be completed in compliance with Town flood control ordinances. As required by Floodplain Management Regulations, if any state monies are used, this project must also be in compliance with 6 NYCRR Part 502 Floodplain Management Criteria for State Projects.

Stream Protection Recommendations

A portion of a stream is located on the subject property. Streambanks, sometimes called riparian zones or stream

corridors, are the link between land and water, and the health of streams depends in large part on the condition of the streamside. Over the past two decades, research has shown that naturally vegetated corridors along streams perform numerous services essential for human health and welfare. Healthy stream corridors can reduce floods; trap sediment; remove dissolved contaminants; provide shade; contribute leaf matter (important for insect food and fish habitat); provide wildlife habitat; offer recreational opportunities; and increase aesthetic value and desirability of a property.

In order to protect the stream corridor consider the following:

Maintain a healthy, vegetated streamside buffer by preserving trees and shrubs along the stream edge and limiting logging to removing large branches that fall into the stream and divert streamflow and cause erosion.

Control water flow through the streamside buffer to filter contaminants and reduce erosion by managing stormwater runoff from dwellings to prevent channelized flow; minimizing impervious areas near the streamside by using stone or brick instead of pavement for driveways and walkways; and excluding vehicles, livestock, or excessive pedestrian traffic.

Prevent contaminants from entering the stream corridor by minimizing or eliminating buffer area exposure to fertilizer, herbicides, pesticide, animal waste, household and automotive chemicals, trash, debris, and piles of leaf litter and by maintaining septic systems.

Additional Comments:

If any work is proposed below the ordinary high water level of Bentley Creek you may need a permit from the US Army Corps of Engineers.

The proposed project contains significant fill within a fairly wide section of floodplain along Bentley Creek. If the Village needs assistance with the applicability of any of the floodplain regulations please contact our Division of Water at 585-226-5468.

Thank you for the opportunity to review this project. Forms may be obtained on the DEC Website at: www.dec.ny.gov. If you have questions regarding the information provided in this letter, please don't hesitate to contact me at (585) 226-5393.

Sincerely,



Tom Haley
Division Of Environmental Permits