

Second Public Meeting "The Problem" MARCH 16, 2023



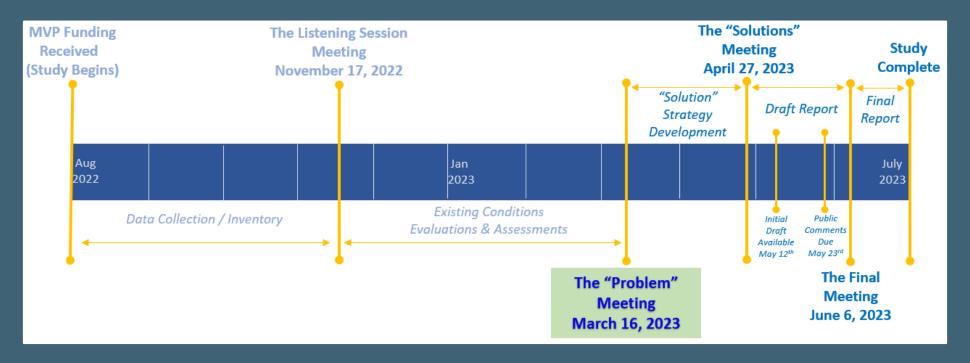




Planning Study Overview

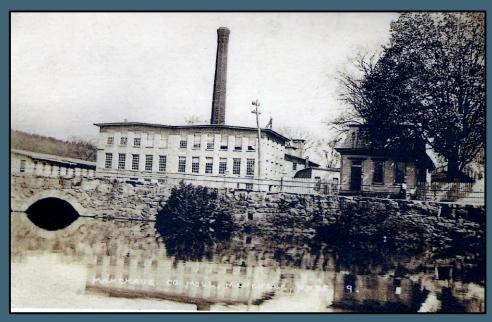
► General Scope: Planning Study for the Mumford River / Dark Brook watershed and river corridor with a specific focus on the issue of flooding within Manchaug Village

Scope & Schedule



The Problem Meeting - Agenda

- Project Area Overview
- **▶** Evaluations
- **Evaluation Findings**
- Next Steps
- Discussion

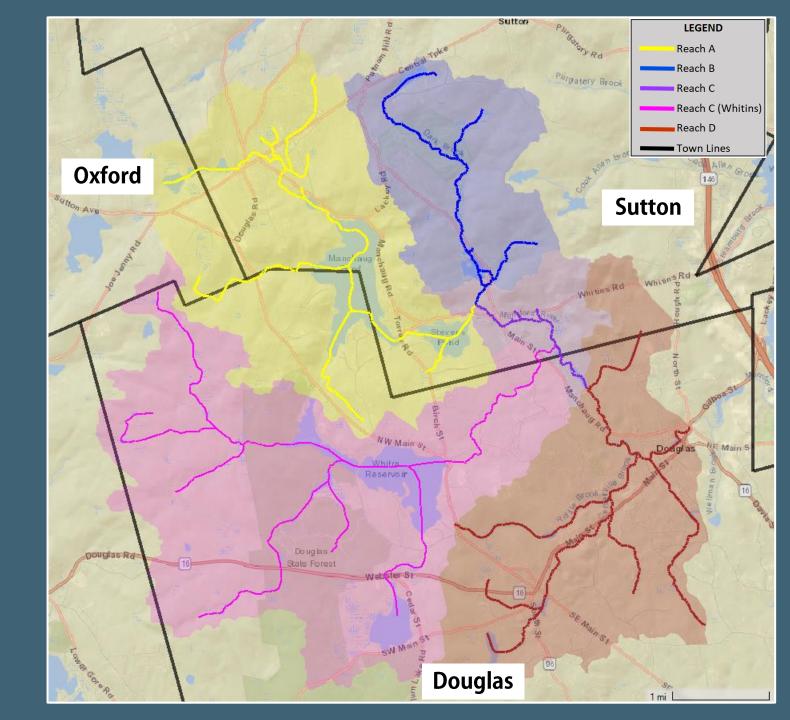




Project Area Overview

Four Reaches A, B, C, & D

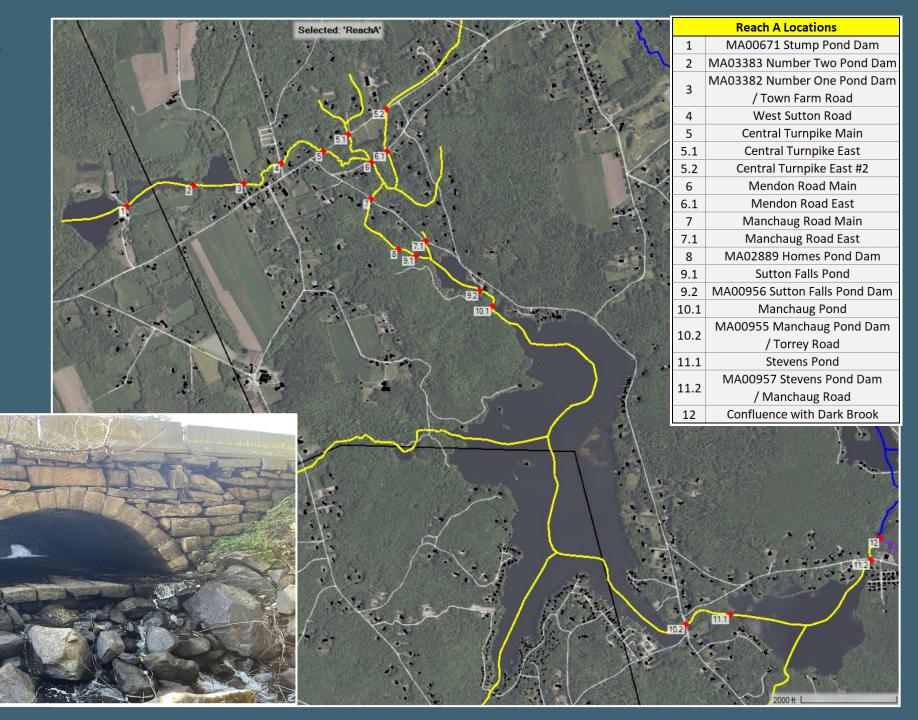
- Reach A: Mumford River Upstream
- ► Reach B: Dark Brook
- Reach C: Mumford River Manchaug Village
 - **▶** Whitins Reservoir Tributary
- **▶ Reach D:** Mumford River Douglas

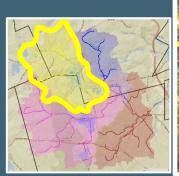


Reach A Overview

- > 5.4 river miles
- 7.8 mi² watershed
- ▶ 14 crossings
 - ► 6 dams
 - ▶ 1 former dam
 - ▶ 7 road crossings
- **▶** 15 identified locations

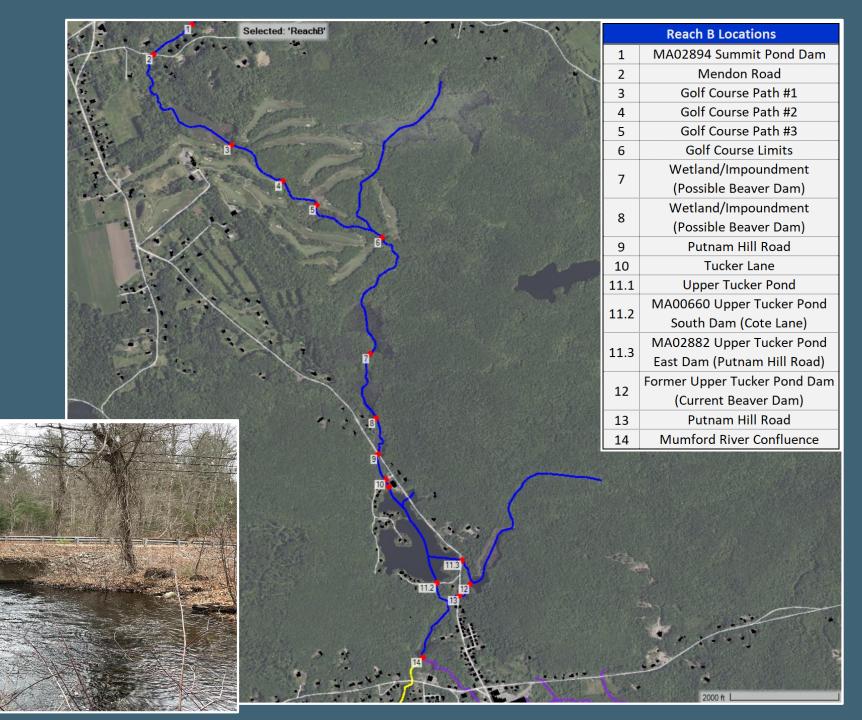
#11.2

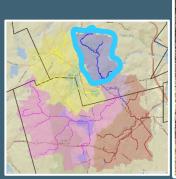




Reach B Overview

- ▶ 3.7 river miles
- ► 3.5 mi² watershed
- ▶ 10 crossings
 - ▶ 3 dams
 - ▶ 1 former dam
 - ▶ 3 cart paths
 - ▶ 3 road crossings
- ▶ 16 identified locations

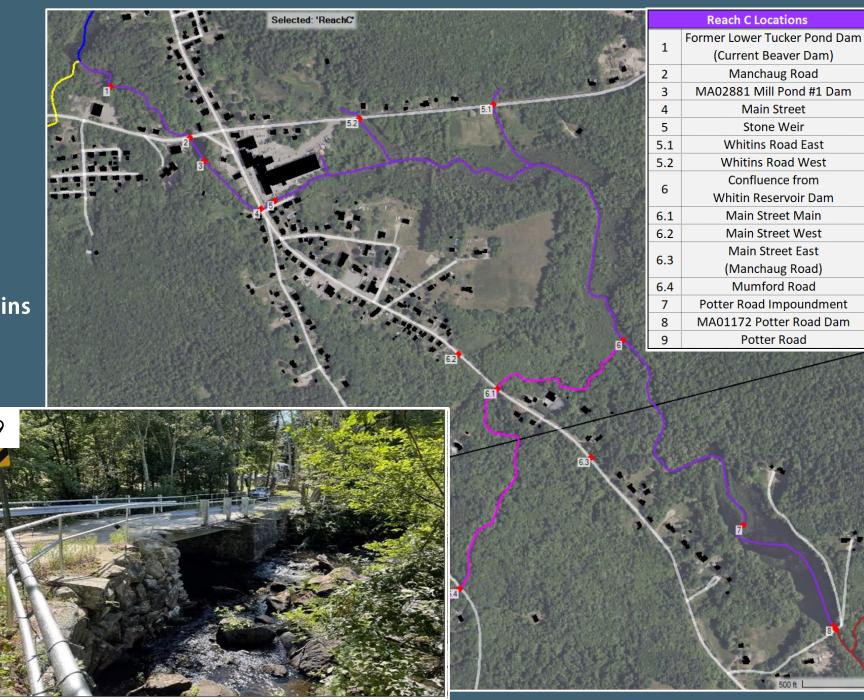




Reach C Overview

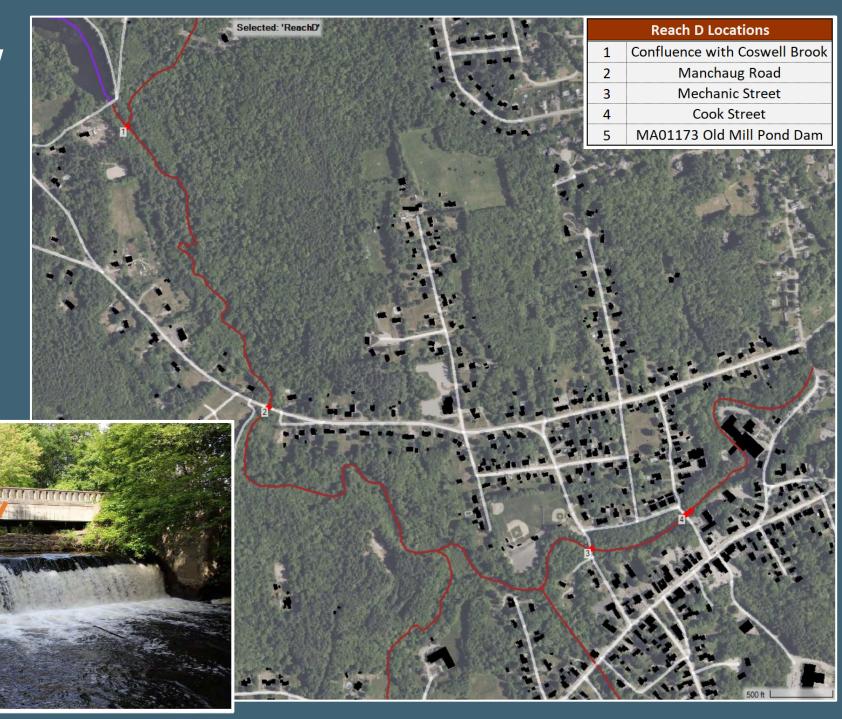
- ► 1.9 river miles
- ▶ 18.3 mi² watershed
 - ▶ 7.8 mi² from Reach A
 - ▶ 3.5 mi² from Reach B
 - ► 11.4 mi² direct
 - ► 10.4 mi² from Whitins
- ▶ 6 crossings
 - ▶ 2 dams
 - ▶ 1 former dam
 - ▶ 3 road crossings
- **▶** 9 identified locations

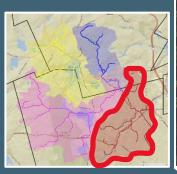




Reach D Overview

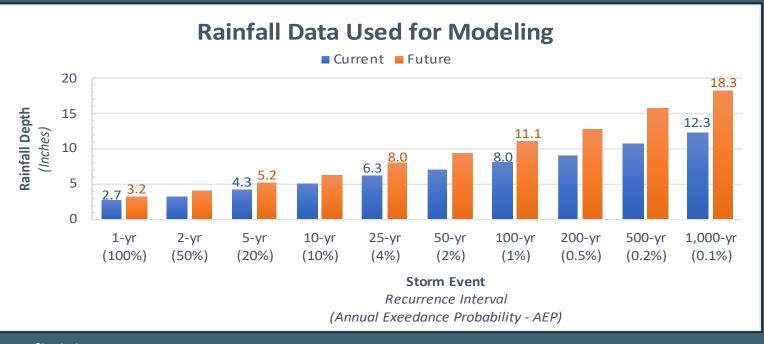
- ► 1.6 river miles
- ▶ 29.4 mi² watershed
 - ► 7.8 mi² from Reach A
 - ▶ 3.5 mi² from Reach B
 - ▶ 11.4 mi² from Reach C
 - ► 6.7 mi² direct
- ► 4 crossings (1 dam, 3 road)
- 5 identified locations





Evaluations

- Hydrologic¹ & Hydraulic² (H&H) Modeling
 - Current and Future³ Rainfall Scenarios
- Decipher Model Results
- Identify Strengths & Vulnerabilities of Assets
 - Dams
 - Roadways
 - Structures (EAD⁴)
- Watershed-Wide Assessment



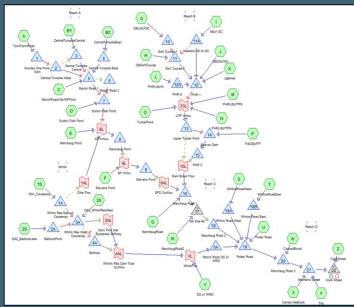
Definitions:

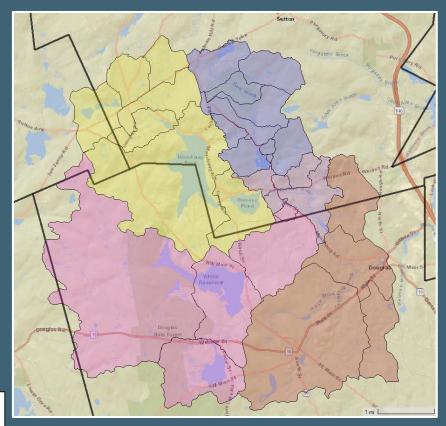
- 1. Hydrologic Modeling: Used to determine how rainfall interacts with the ground surface.
 - How much of the rain is absorbed by the ground surface?
 - ► How much of the rain runs off to rivers and streams? And how much does it runoff?
- 2. Hydraulic Modeling: Used to determine what the runoff does to the river, its floodplain, and nearby infrastructure.
 - ► How high and wide does the water level reach? And how fast is it flowing?
 - What is expected to be impacted by those water levels?
- 3. Climate Change Informed Predicted Future Rainfall Data
- 4. EAD: Equivalent Annual Damage

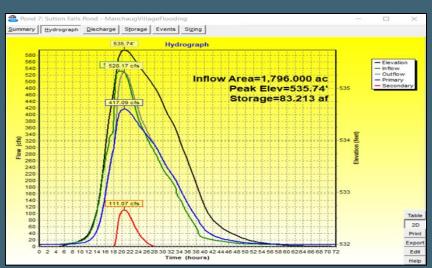
Hydrologic Modeling

- Subbasin Development (31 each)
- ► Hydrological Parameters (mi², CN, Tc)
- Rainfall (Current & Future)
- HydroCAD Model
- Model Results Used Directly for Reach A
- ► Produced Runoff Hydrographs for Reaches B-D

Drainage Area Parameters																				
			Size Baseflow		Tc			Curve Number			HSG			LCG						
Group	Reach ID Name		s.m.	acres	CFS	Min	LFP	CN	% Imp	Imp acres	CN*	A	В	C	D	1	2	3	4	
		A	Town Farm Road	0.74	473	1.5	461	2700	78	9.0%	43	76	0%	0%	80%	20%	52%	32%	7%	9%
		В	Central Turnpike	0.91	582	1.8	443	4300	70	5.3%	31	68	4%	44%	29%	23%	59%	25%	11%	5%
Mumford	A	C	ManchRoad US of SF Pond	0.67	427	1.3	388	4500	73	4.6%	20	72	3%	27%	40%	30%	58%	24%	13%	5%
River US	A	D	Sutton Falls Pond	0.49	314	1.0	396	7700	69	8.2%	26	66	4%	52%	18%	26%	57%	26%	9%	8%
		Ε	Manchaug Pond	3.94	2519	7.9	750	11600	72	17.6%	443	66	2%	37%	23%	38%	68%	9%	5%	18%
	- 3	F	Stevens Pond Stevens Pond	0.93	593	1.9	415	7300	73	18.0%	107	68	3%	19%	52%	26%	72%	6%	4%	18%
		G	DarkBrook Mendon Road	0.60	382	1.2	267	4000	77	10.4%	40	75	0%	8%	59%	33%	60%	21%	9%	10%
		Н	DB Golf Course	0.30	193	0.6	127	2000	69	1.9%	4	68	0%	65%	7%	28%	47%	44%	7%	2%
		1	DB NE of GC	0.59	375	1.2	280	3300	70	2.0%	8	69	0%	41%	25%	34%	75%	5%	18%	2%
		J	DB DS of GC	0.48	306	1.0	280	4000	63	0.6%	2	63	0%	72%	1%	27%	89%	3%	7%	1%
Dark Brook	В	K	DB PHR	0.37	237	0.7	217	3800	73	3.5%	8	72	0%	30%	15%	55%	68%	23%	5%	4%
Dark brook		L	PHR US of K	0.18	112	0.4	142	2400	67	1.4%	2	67	0%	43%	37%	20%	88%	5%	6%	1%
1		M	PHR US of TP N	0.06	35	0.1	77	1800	60	1.8%	1	59	0%	82%	0%	18%	95%	1%	2%	2%
		N	PHR US of TP S	0.01	9	0.0	61	850	56	3.7%	0	55	11%	89%	0%	0%	81%	15%	0%	4%
		0	Tucker Pond	0.36	231	0.7	187	5600	69	14.3%	33	64	0%	45%	37%	18%	81%	2%	3%	14%
		P	Trib DS of TP	0.46	295	0.9	208	6200	64	0.7%	2	64	2%	57%	14%	27%	92%	0%	7%	1%
		Q	Manchaug Road	0.19	121	0.4	141	3200	63	7.9%	10	60	18%	58%	4%	20%	73%	9%	10%	8%
Mumford	С	R	Mumford Road	0.10	62	0.2	60	1500	65	11.9%	7	61	26%	29%	36%	9%	77%	12%	0%	12%
River Manch		S	Whitins Road West	0.07	45	0.1	45	1100	60	5.0%	2	58	37%	26%	9%	28%	80%	6%	9%	5%
Village			Whitins Road East	0.22	138	0.4	120	3800	59	1.3%	2	58	0%	88%	3%	9%	92%	1%	6%	1%
		U	Potter Road	0.63	405	1.3	406	6600	65	6.0%	24	63	21%	45%			62%	9%	23%	6%
		1	WRD - Causeway	6.04	3867	12.1	1235	20000	62	2.9%	112	61	2%	71%	13%	14%	86%	1%	10%	3%
Whitin Res		2	WRD - BadluckLake	1.35	867	2.7	294	8200	73	13.7%	119	69	2%	26%	59%	13%	66%	2%	18%	14%
***************************************		3	WRD - WRWest	1.55	992	3.1	258	10000	74	31.6%	313	63	5%	23%	30%	42%	56%	9%	4%	32%
		٧	DS of WRD	1.44	920	2.9	461	6600	66	3.7%	34	65	6%	41%	47%	6%	81%	8%	8%	496
		W	Coswell Brook	0.89	571	1.8	660	12500	67	2.0%	11	66	4%	56%	23%	17%	74%	5%	19%	2%
Mumford	D	X	Centerville Brook	3.96	2537	7.9	1000	12000	61	7.1%	180	58	27%	45%	21%	7%	67%	14%	12%	7%
River DS 2	-	Y	Trib US of Mechanic	0.79	504	1.6	500	10800	58	5.7%	29	56	39%	24%	31%	6%	74%	11%	10%	6%
		Z	North Street	1.09	696	2.2	600	9800	59	12.2%	85	54	41%	49%	10%	0%	59%	18%	11%	12%
			Totals	29.39	18809	58.8				9.0%	1697		11%	40%	27%	22%	69%	13%	9%	9%
	HSG: Hydrologic Soil Group								LCG: Land Cover Group											
	A High Absorption				Clean Sands & Gravels (<10% fines)					1 High Abso			sorption Forests, Shrubs, Grass							
	В		Moderate Absorption	Silty Sands & Gravels (10-20% fines)					2 Moderate Abso				tion Bare, C			Cultivated/Pasture				
	C Low Absorption			Sandy Silts & Silts (20-40% fines)							lands, Aquatic Beds									
	D Very Low / No Absorption		Silts & Clays (>40% fines), Bedrock, Water				4 Very Low / No Absorption					Impervious								

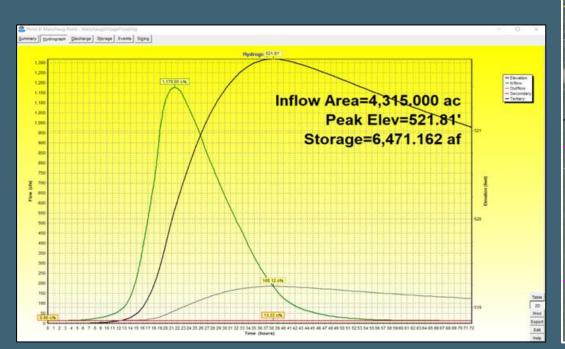


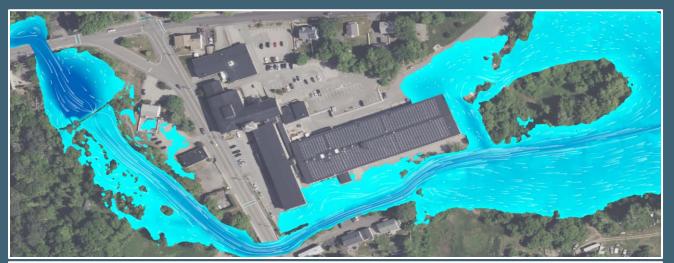


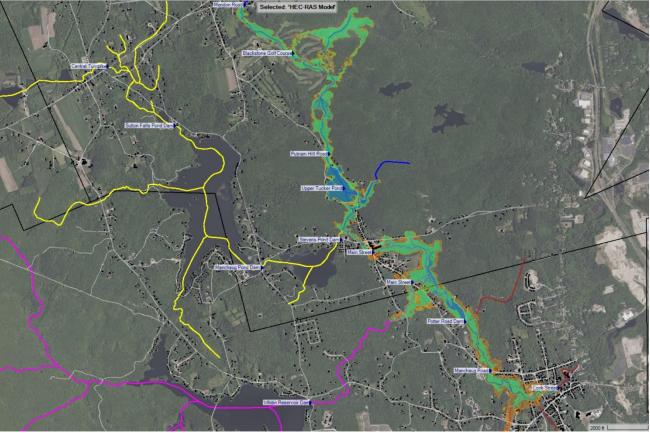


Hydraulic Modeling

- HydroCAD Model for Reach A
- ► HEC-RAS 2D Model For Reaches B-D
 - ► Topography, Land Cover, Crossing Information
 - **▶** Flow Data from HydroCAD
- ► 10 storm events x 2 rainfall scenarios

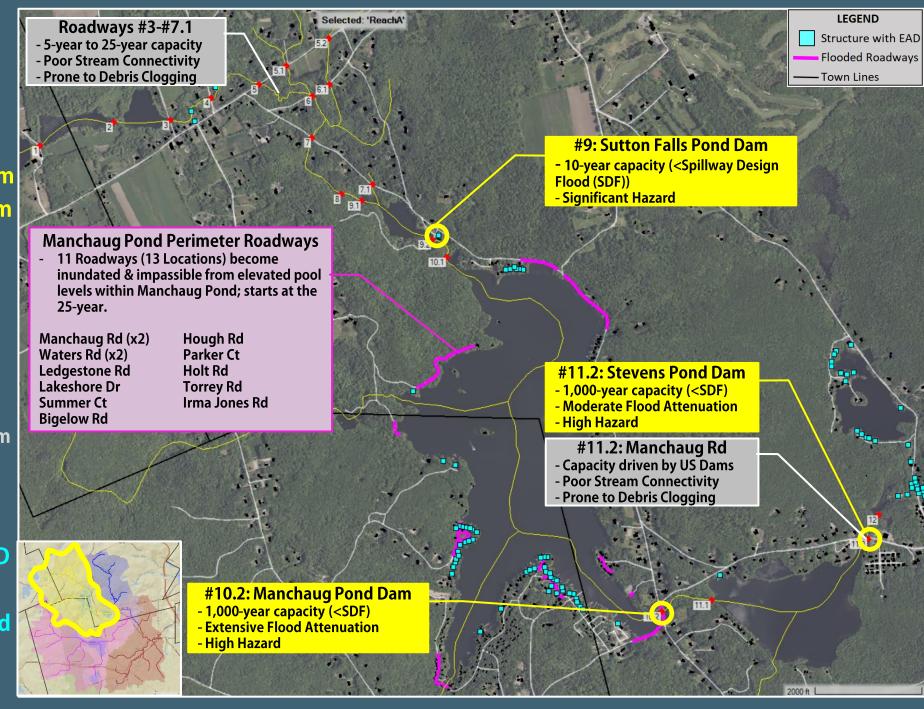






Reach A Model Results

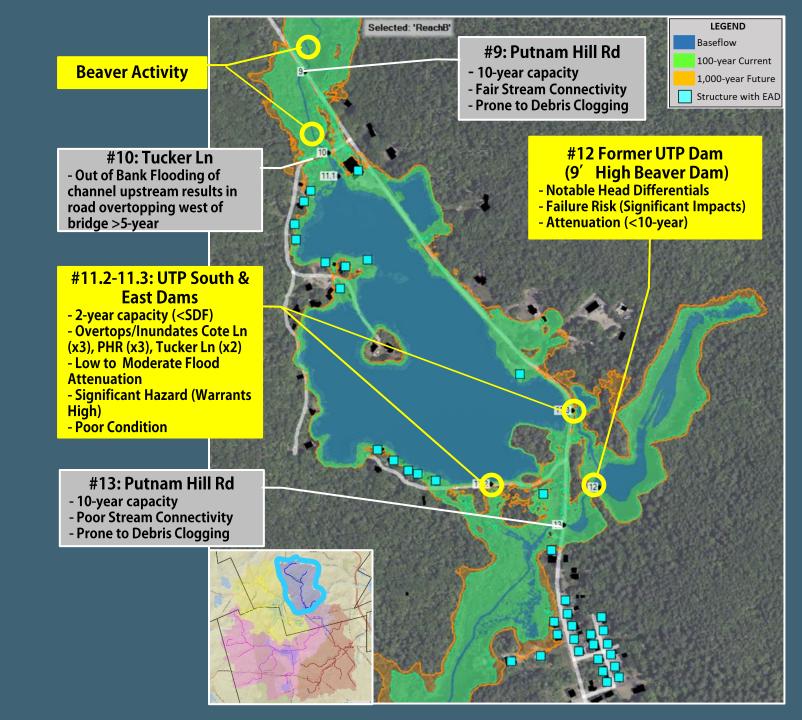
- Dams
 - #9 Sutton Falls Pond Dam
 - #10 Manchaug Pond Dam
 - ► #11 Stevens Pond Dam (SPD)
- Roads
 - All upstream (US) of SuttonFalls Pond Dam
 - ► Manchaug Pond Perimeter
 - Manchaug Road downstream (DS) of SPD
- Structures
 - ► 58 with potential for EAD
 - ► 4 US of Manchaug Pond
 - ► 53 along Manchaug Pond



Reach B Model Results

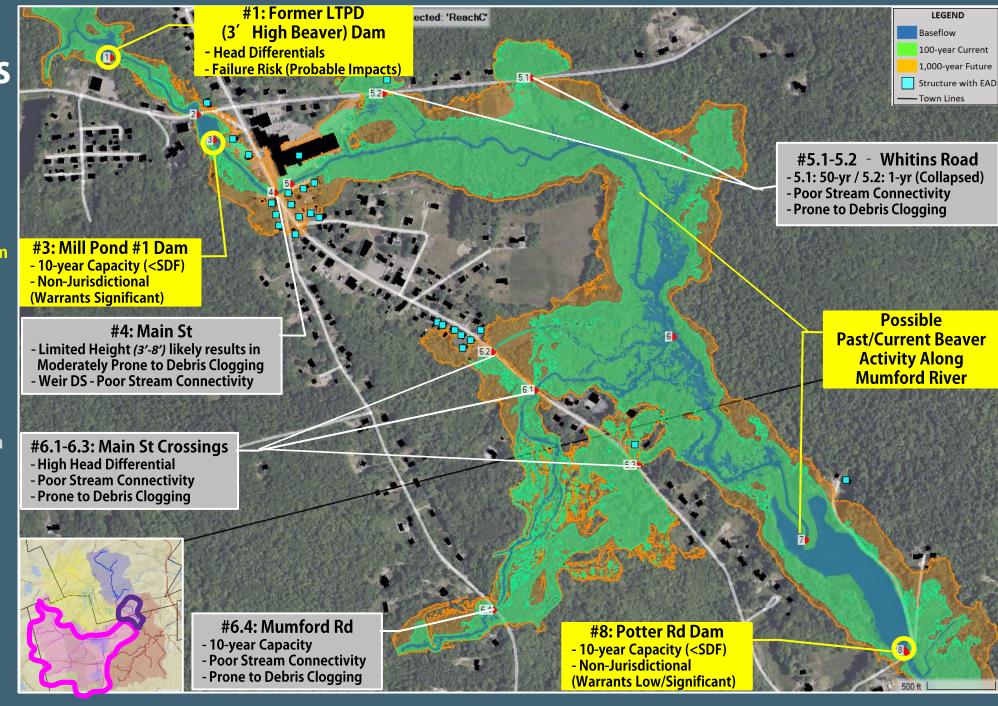
▶ Dams

- #11.2-11.3 Upper Tucker Pond (UTP) Dams
- #12 Former UTP Dam (Current Beaver Dam)
- **▶** Other Beaver Activity
- Roads
 - ► Putnam Hill Road (5 locations)
 - **▶** Tucker Lane (3 locations)
 - Cote Lane (3 locations)
- Structures
 - **▶** 37 with potential for EAD
 - ▶ 15 along Upper Tucker Pond
 - ▶ 11 downstream of UTP



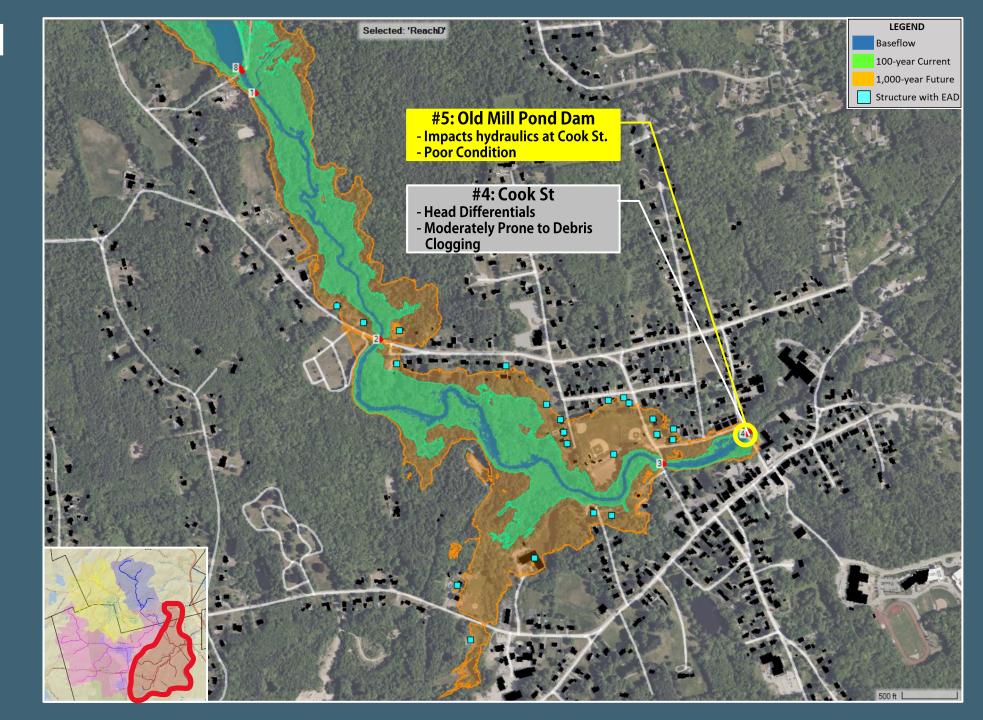
Reach C Model Results

- ▶ Dams
 - #1 Former Lower Tucker Pond (LTP) Dam
 - #3 Mill Pond Dam
 - ▶ #8 Potter Road Dam
 - Other Beaver Activity
- Roads
 - #4 Main Street
 - #9 Potter Road
 - All 6 Tribs (3 Main Street, 2 Whitins Road, 1 Mumford Road)
- Structures
 - ► 25 with potential for EAD
 - ▶ Mill Site #1



Reach D Model Results

- **▶** Dams
 - ► #5 Old Mill Pond
 Dam
- **▶** Roads
 - ▶ #4 Cook Street
- Structures
 - ▶ 22 with potential for EAD



Model Findings - Within Report

				Cross	sings along Reach A (Mumford River Upstre	am of Dark Brook C	onfluence)			
ID	Location	+Tribs	Drng. Area		Crossing Information		General Discussion	Capacity		
#	River Mi.	No.	s.m.	Name	Description	Owner	General Discussion	Current	CCIPF	
1*	0.2	_	0.3	MA00671 Stump Pond Dam	8' high dam embankment	Private	Significant Hazard Dam; Likely no attenuation, not modeled	-	-	
2*	0.6	-	0.6	MA03383 Number Two Pond Dam	5' high dam embankment	Private	Non-Jurisdictional Dam; Likely no attenuation, not modeled	-	-	
3*	0.8	-	0.7	MA03382 Number One Pond Dam (Town Farm Road)	11' high dam/roadway embankment with three 3' CMP spillway conduits	Private	Significant Hazard Dam in Poor Condition; Some attenuation provided by impoundment and dam	25-yr	10-yr	
4*	1.0	-	0.8	West Sutton Road	11' high roadway embankment with uninventoried low head dam upstream	Town	Crossing provides no attenuation; not modeled	-	-	
5	1.2	-	1.0	Central Turnpike	7' high roadway embankment with 4'wx6'h box culvert	Town	main culvert is fine (1,000-yr), but capacity of east culvert limited (10-yr)		2-yr	
6*	1.4	+1	1.7	Mendon Road	4' high roadway embankment	Town	Crossing provides no attenuation; not modeled	-	-	
7	1.6	+1	2.3	Manchaug Road	9' high roadway embankment with 6' CMP conduit	Town	Crossing provides some attenuation; Split flow condition upstream sends a portion of the flow to a second crossing located 1,400' southeast - 4' high embankment with 1.5' pipe; Capacity of main culvert is fine (100-yr), but capacity of east culvert is limited (5-yr)	5-yr	2-yr	
8*	1.9	-	2.4	MA02899 Homes Pond Dam	7' high partially breached dam embankment	Private Non-Jurisdictional Dam that appears to be partially breach Likely no attenuation, not modeled		-	-	
9.1	2.0	-	2.8	Sutton Falls Pond	Impoundment	Private	9' deep impoundment with 3' of freeboard	10-yr	5-yr	
9.2	2.3	-	2.8	MA00956 Sutton Falls Pond Dam (Aldrich Lane)	12' high dam embankment with 19' long spillway	Significant Hazard Dam in Fair Condition		10-yr	5-yr	
10.1	2.4	+2	6.7	Manchaug Pond	Impoundment	Town & Private	37' deep impoundment with 8' of freeboard; Grade control within impoundment limits the drawdown potential to 8' below normal pool	-	-	
10.2	4.4	-	6.7	MA00955 Mancahug Pond Dam (Torrey Road)	29' high dam/roadway embankment with 10' wide stop log controlled spillway culvert and 2' square gated LLO conduit	Town	High Hazard Dam in Fair Condition; Dam provides extensive attenuation; Dam can accommodate all recurrent storm events; Cannot accommodate its SDF, the 1/2 PMF; therefore, dam is not SDF compliant	>1,000-yr	200-yr	
11.1	4.6	+1	7.7	Stevens Pond	Impoundment	Town	18' deep impoundment with 5' of freeboard	-	-	
11.2	5.3	-	7.7	MA00957 Stevens Pond Dam (Manchaug Road)	30' high dam/roadway embankment with 16' wide spillway and 3' square LLO routed to 16'wx5'h arch culvert under road	Town	High Hazard Dam in Fair Condition; Dam provides some attenuation; Dam can accommodate all recurrent storm events; Cannot accommodate its SDF, the 1/2 PMF; therefore, dam is not SDF compliant	>1,000-yr	200-yr	
12	5.4	-	7.8	Confluence with Dark Brook	Open Channel	Private		-	-	

Reach A: Mumford River Upstream of Confluence with Dark Brook

a. Dams

- i. Sutton Falls Pond Dam limited capacity and SDF compliance
- ii. Manchaug Pond Dam attenuation, hazard, and SDF compliance
- iii. Stevens Pond Dam attenuation, hazard, and SDF compliance

b. Roadways

- i. All roadways upstream of Sutton Falls Pond Dam limited capacity, poor stream connectivity, proneness to debris clogging
- ii. Roadways along perimeter of Manchaug Pond flooding from Manchaug Pond storm pool elevations
- iii. Manchaug Road DS of Stevens Pond poor stream connectivity, proneness to debris clogging, capacity dependent on dam attenuation provided upstream

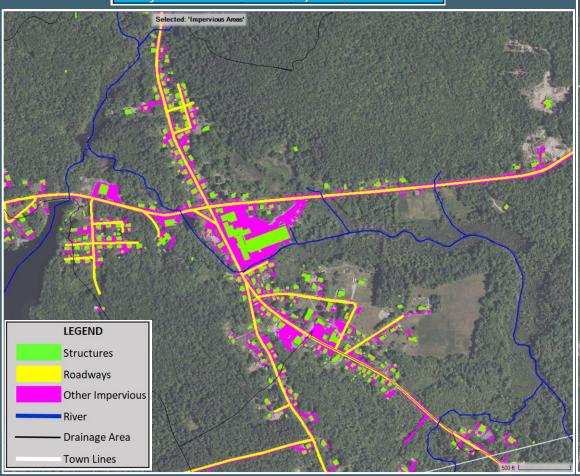
c. Structures

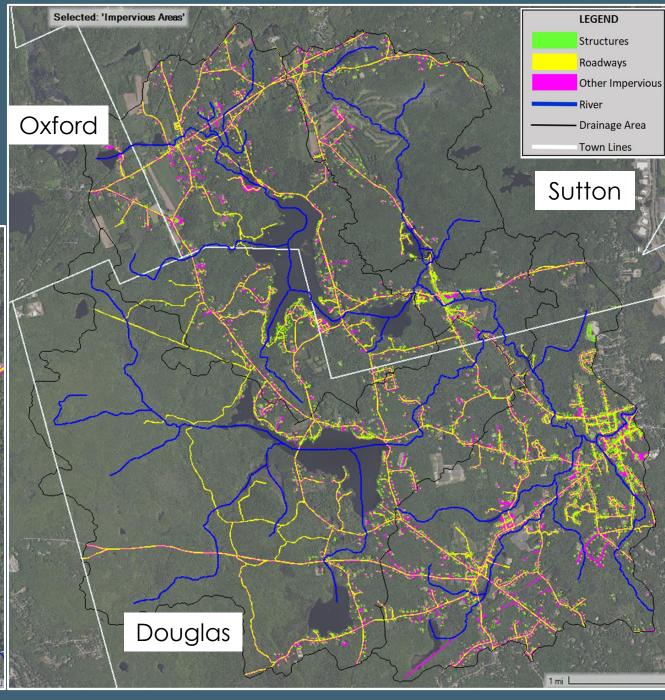
i. 58 structures identified as having potential to sustain flood damage.

Ш		Structures Impacted by Flooding Along Reach A									
Ш	ID	FID	Мар-	Address	Address CITY Description FFF* Start of Damage		EAD				
[]	ш		Par ID			эсэг фия	FFE.	Current CCIPF		Current CCIPF	
Ш	1	1174	35-82	650 Central Turnpike	SUTTON	House in Close Proximity with River		ND	ND	ND	ND
Ш	2	798	35-143		SUTTON	Structure in Close Proximity with River	ļ	ND ND		ND	ND
Ш	3	375	35-47	381 West Sutton Road	SUTTON	House in Close Proximity with River		ND	ND	ND	ND
Ш	4	1211	0	90 Manchaug Road	SUTTON	Sutton Falls Camping Area Intake Building - May See Flooding during events that OT		25-yr	10-yr	ND	ND
Ш	"	1211	U	90 Manchaug Koad	SULLON	Sutton Falls Pond Dam		25-yr	10-yr	ND	ND
Ш						House likely to experience flooding during					
Ш	5	157	111-35	34 HOUGH RD	DOUGLAS	high pool leve is in Manchaug Pond	525	100-yr	25-yr	\$285	\$2,109
	6	86	110-14	115 LEDGESTONE RD	DOUGLAS	Same Description as #5	523.3	10-yr	5-yr	\$4,625	\$10,410
Ш	7	159	111-38	33 HOUGH RD	DOUGLAS	Same Description as #5 5		10-yr	5-yr	\$4,142	\$9,244
"	8	133	111-15	84 BIGELOW RD	DOUGLAS	Same Description as #5 52		50-yr	25-yr	\$546	\$2,704
Ш	9	98	110-20	101 LEDGESTONE RD	DOUGLAS	Same Description as #5	523.5	10-yr	5-yr	\$3,700	\$8,257
Ш	10	158	111-37	37 HOUGH RD	DOUGLAS	Same Description as #5	523.5	10-yr	5-yr	\$5,464	\$12,194
Ш	11	136 95	111-18	55 BIGELOW RD	DOUGLAS	Same Description as #5	523.5	10-yr	5-yr	\$4,254	\$9,493
Ш	12		110-22	89 LEDGESTONE RD	DOUGLAS	Same Description as#5	523.2	10-yr	5-yr	\$1,135	\$2,572
Ш	13 14	137 96	111-19 110-23	53 BIGELOW RD 87 LEDGESTONE RD	DOUGLAS	Same Description as #5 Same Description as #5	523.5 523.2	10-yr 10-yr	5-yr 5-yr	\$1,227 \$1,108	\$2,739
Ш	15	163	111-41	17 HOUGH RD	DOUGLAS	Same Description as #5	522.7	10-yr	2-yr	\$1,105	\$8,044
Ш	16	85	110-13	117 LEDGESTONE RD	DOUGLAS	Same Description as#5	524	25-vr	10-yr	\$874	\$2,564
П	17	569	42_11	126 MANCHAUG RD	SUTTON	Same Description as #5	523.5	10-yr	5-yr	\$2,373	\$5,296
-[]	18	166	111-44	3 HOUGH RD	DOUGLAS	Same Description as #5	524	25-yr	10-yr	\$654	\$1,917
Ш	19	162	111-40	25 HOUGH RD	DOUGLAS	Same Description as#5	523.5	10-yr	5-yr	\$5,478	\$12,224
Ш	20	132	111-14	82 BIGELOW RD	DOUGLAS	Same Description as #5	523.5	10-yr	5-yr	\$1,334	\$2,976
	21	570	42_12	126.5 MANCHAUG RD	SUTTON	Same Description as #5	523.5	10-yr	5-yr	\$640	\$1,429
Ш	22	165	111-43	7 HOUGH RD	DOUGLAS	Same Description as #5	523.5	10-yr	5-yr	\$1,566	\$3,496
1	23	94	110-21	95 LEDGESTONE RD	DOUGLAS	Same Description as #5	523.7	25-yr	10-yr	\$533	\$1,605
Ш	24	730	48 35	3 PARKER RD	SUTTON	House likely to experience flooding during	474	25-vr	10-vr	\$1,262	\$3,405
Ш	25					high pool levels in Stevens Pond	524.3	50-vr	25-vr	S615	\$3.114
Ш	26	90	110-18 110-7	105 LEDGESTONE RD 107 LEDGESTONE RD	DOUGLAS	Same Description as #5 Same Description as #5	524.3	100-yr	25-yr 25-yr	\$615 \$263	\$3,114
Ш	27	169	111-47	12 PARKER CT	DOUGLAS	Same Description as #5	524.2	50-yr	25-yr 25-yr	\$404	\$2,091
Ш	28	87	110-15	113 LEDGESTONE RD	DOUGLAS	Same Description as#5	524.5	100-yr	25-yr	\$283	\$1,401
	29	617	42_7	122 MANCHAUG RD	SUTTON	Same Description as#5	524	50-yr	25-yr	\$265	\$777
Ш	30	135	111-17	65 BIGELOW RD	DOUGLAS	Same Description as #5	524.5	50-yr	25-yr	\$81	\$402
Ш	31	156	111-34	30 HOUGH RD	DOUGLAS	Same Description as #5	525.5	500-yr	50-yr	\$139	\$830
Ш	32	91	110-19	103 LEDGESTONE RD	DOUGLAS	Same Description as #5	525.4	200-yr	50-yr	\$127	\$753
Ш	33	89	110-17	109 LEDGESTONE RD	DOUGLAS	Same Description as #5	525.6	500-yr	50-yr	\$103	\$615
"	34	1239	0	24 HOLT RD	SUTTON	Same Description as#5	525-546	200-yr	50-yr	\$3	\$85
Ш	35 36	128 131	111-10 111-13	48 BIGELOW RD 76 BIGELOW RD	DOUGLAS	Same Description as #5	525 526.5	200-yr	50-yr	\$95	\$703 \$457
Ш	37		111-13			Same Description as #5		1000-yr	100-yr	\$44	
П	38	167 568	42_10	4 PARKER CT	DOUGLAS	Same Description as #5 Same Description as #5	526.2 526	500-yr	100-yr 100-yr	\$37 \$21	\$399 \$169
П	38	154	42_10 111-32	18 HOUGH RD	DOUGLAS		200	500 /			V205
П	39 40	154	111-32	18 HOUGH RD 8 PARKER CT	DOUGLAS	Same Description as #5 Same Description as #5	526.5 526.7	1000-yr 1000-yr	100-yr 200-yr	\$12 \$7	\$121 \$207
-[]	41	170	111-46	18 PARKER CT	DOUGLAS	Same Description as#5 Same Description as#5	526.7	1000-yr	200-yr 200-yr	\$7 \$6	\$207
П	42	171	111-49	24 PARKER CT	DOUGLAS	Same Description as #5	526.6	1000-yr	200-yr	\$6	\$58
1	43	100	110-27	77 LEDGESTONE RD	DOUGLAS	Same Description as#5	527	1000-yr	200-yr	\$3	\$85
П	44	634	42_9	124 MANCHAUG RD	SUTTON	Same Description as #5	527	1000-yr	200-yr	\$2	\$50
П	45	99	110-26	79 LEDGESTONE RD	DOUGLAS	Same Description as #5	528	-	500-yr	\$0	\$202
П	46	130	111-12	64 BIGELOW RD	DOUGLAS	Same Description as #5	528	-	500-yr	\$0	\$197
П	47	145	111-26	42 HOUGH RD	DOUGLAS	Same Description as #5	527.5	-	200-уг	\$0	\$165
П	48	98	110-25	81 LEDGESTONE RD	DOUGLAS	Same Description as #5	527.5	-	200-yr	\$0	\$153
-[]	49	88	110-16	111 LEDGESTONE RD	DOUGLAS	Same Description as #5	527.7	-	500-yr	\$0	\$118
	50	97	110-24	85 LEDGESTONE RD 38 LEDGEWOOD DR	DOUGLAS	Same Description as #5	528.5	-	500-yr	\$0	\$109
1	51 52	129	102-7	56 BIGELOW RD	DOUGLAS	Same Description as#5 Same Description as#5	528.5 528		500-yr 500-yr	\$0 \$0	\$99 \$48
	53	7	102-6	34 LEDGEWOOD DR	DOUGLAS	Same Description as #5	528		500-yr	ŞU ŞO	\$48 \$44
	54	624	42.8	122.5 MANCHAUG RD	SUTTON	Same Description as #5	530		1000-yr	\$0 \$0	\$26
	55	118	110-43	8 SUMMER CT	DOUGLAS	Same Description as #5	529.5	-	1000-yr	\$0 \$0	\$23
	56	1221	0	120 MANCHAUG RD	SUTTON	Same Description as#5	529	-	500-yr	\$0	\$18
	57	280	121-1	76 OAKST	DOUGLAS	Same Description as #5	528	-	500-yr	\$0	\$16
	58	1214	0	62R WATERS RD	SUTTON	Same Description as #5	530	-	1000-yr	\$0	\$10
	59	125	110-8	O LEDGESTONE RD	DOUGLAS	Same Description as #5	526.5	500-yr	100-yr	\$31	\$318
	*Ap	proxima	ted first fi	oor elevation based upor	available LiD	AR					

Watershed-Wide Assessment

Impervious Area Type	Count	Area (acres)	Percent of Drainage Area			
Structures	4,520	13	0.1%			
Roadways	670	24	0.1%			
Other Impervious	3,610	22	0.1%			
Total Paved	8,800	59	0.3%			
Surface Water	20	1,638	8.7%			





Next Steps:

- Develop Improvement Strategies (Solutions)
- ► The "Solutions" Meeting
 - ► April 27th, 6:00pm, Location: TBD
- Planning Study Report Draft
 - ► Available to Public May 12th Target date
 - ► Public Comment Period Until May 22nd
- Select Board Meeting Present Draft of Study
 - ▶ June 6th, 6:00pm, Sutton Town Hall
- Planning Study Report Final
 - ▶ June 30th

Contact Information:

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Discussion











