



# Lyme Culvert Inventory, 2018



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe					Structure Overall		Upstream				Downstream				Results			Comments	
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating	AOP Score		GC Score
06/20/18	62	Acorn Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.2		Good	35	Open		None			None			1 - 2 ft above	1.00				
06/20/18	63	Acorn Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1		Good	32.5	Entirely Full	Sediment	Dry Fit Stone	Poor		None				0.40			Pipe completely buried at inlet cannot find pipe	
06/20/18	64	Acorn Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	31	Open		None			None			< 1 ft above	0.50				
06/20/18	65	Acorn Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Good	35	Open		Concrete	Fair		None			1 - 2 ft above	0.90				
06/20/18	66	Acorn Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	24	Entirely Full		None			None		At Grade		0.00			Outlet completely buried road washing out	
06/22/18	74	Acorn Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Fair	25	3/4 Full		None			None		At Grade		0.38				
06/22/18	75	Acorn Hill Rd	Insufficient Data												None							We believe there is a structure here but cannot find to assess	
06/22/18	76	Acorn Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	24	3/4 Full		None			None			< 1 ft above	0.13				
06/22/18	77	Acorn Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Poor	29	3/4 Full		None			Dry Fit Stone	Poor	At Grade		0.10				
06/22/18	78	Acorn Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Fair	41	1/2 Full		Dry Fit Stone	Poor		Dry Fit Stone	Poor	At Grade		0.30				
06/22/18	79	Acorn Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	29	Open		Dry Fit Stone	Poor	Culvert	Dry Fit Stone	Fair		< 1 ft above	0.70				
06/26/18	88	Acorn Hill Rd	Stream, 1 HW	1	Round Culvert, Plastic-Smooth	3.9	52.0	Good	60	Open	None	Dry Fit Stone	Good	None	None	None	Free Fall	< 1 ft above	0.89	No AOP including adult salmonids	Mostly Compatible	Upstream cap 4 ft; small black second pipe .5 ft plastic smooth at outlet	
06/26/18	89	Acorn Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.2		Poor	30	Open		None			Dry Fit Stone	Poor		> 2 ft above	0.40				
06/26/18	90	Acorn Hill Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	4	35.3	Poor	44	Open	None	Masonry	Fair	Wing Walls	Dry Fit Stone	Good	Culvert, Wing Walls	Free Fall	1 - 2 ft above	0.55	No AOP including adult salmonids	Mostly Incompatible	high erosion 100 ft upstream see photos
06/26/18	91	Acorn Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	30	1/2 Full		Masonry	Good		Dry Fit Stone	Good	At Grade		0.85				
06/26/18	92	Acorn Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	34.5	1/4 Full		Dry Fit Stone	Poor		None		At Grade		0.70				
08/27/18	253	Bailey Hill Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	42	Open		Dry Fit Stone	Fair		Dry Fit Stone	Good	Free Fall	< 1 ft above	0.90				
08/27/18	254	Bailey Hill Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	30	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair	Free Fall	< 1 ft above	0.80				
08/27/18	255	Bailey Hill Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Fair	36	1/2 Full		Dry Fit Stone	Good		Dry Fit Stone	Poor	At Grade		0.50				
08/31/18	256	Bailey Hill Ln	Stream, No HW	1	Round Culvert, Steel-Corrugated	4	160.0	Good	21	Open	None	None		None	None	None	Culvert	At Grade		1.00	Reduced AOP	Fully Compatible	
08/27/18	257	Bailey Hill Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	42	Open		None			None		Free Fall	< 1 ft above	1.00				
08/27/18	258	Bailey Hill Ln	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	30	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Poor	At Grade		0.48				
08/27/18	259	Bailey Hill Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	30	1/4 Full		None			None		At Grade		0.88				
08/31/18	276	Bailey Hill Ln	Stream, No HW	1	Round Culvert, Plastic-Smooth	2	28.6	Good	31	Open	None	None		None	None	None	Free Fall	< 1 ft above	0.80	No AOP including adult salmonids	Mostly Incompatible	Cut trees thrown into stream at outlet	
08/24/18	231	Baker Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Poor	37	1/4 Full		None			Dry Fit Stone	Poor	At Grade		0.30				
08/24/18	232	Baker Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	34	Open		None			None		Free Fall	< 1 ft above	1.00				
08/24/18	233	Baker Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	30	1/2 Full		None			None		At Grade		0.25				
08/24/18	234	Baker Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	29	1/4 Full		Dry Fit Stone	Fair		None		Free Fall	1 - 2 ft above	0.80				
08/24/18	235	Baker Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	27	Open		Concrete	Good		Concrete	Fair	Free Fall	< 1 ft above	0.90				
08/24/18	236	Baker Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	25	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair	Free Fall	< 1 ft above	0.80				
08/24/18	237	Baker Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	30	Open		None			None		At Grade		0.50				
08/27/18	250	Baker Hill Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	2		Good	31	Open		Dry Fit Stone	Good		Dry Fit Stone	Good	Free Fall	< 1 ft above	1.00				



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe					Structure Overall		Upstream				Downstream				Results			Comments		
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating	AOP Score		GC Score	
08/27/18	260	Baker Hill Rd	Insufficient Data	1	Round Culvert, Steel-Corrugated	1.3							Dry Fit Stone	Fair		None							Cannot find outlet possibly blocked by rip rap	
08/27/18	261	Baker Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	29	Open			Dry Fit Stone	Good		Dry Fit Stone	Fair		Free Fall	1 - 2 ft above	0.90			
08/27/18	262	Baker Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	33	Open			None			None			Free Fall	1 - 2 ft above	1.00			
08/27/18	263	Baker Hill Rd	Insufficient Data	1												None							Cannot see pipe, but some water flowing through	
08/27/18	264	Baker Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	34	Open			None			None			At Grade		0.50			
08/27/18	265	Baker Hill Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	40	Open			Concrete	Good		Concrete	Good		At Grade		1.00			
08/27/18	266	Baker Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	44	Open			Dry Fit Stone	Good		Concrete	Good		At Grade		1.00			
08/27/18	267	Baker Hill Rd	Insufficient Data	1	Round Culvert, Steel-Corrugated	1							Dry Fit Stone	Fair		None							Cannot find outlet	
08/29/18	273	Baker Hill Rd	Wetland, No Hw	1	Round Culvert, Plastic-Smooth	1.5		Good	41	Open	None		None		None	None		None	Free Fall	< 1 ft above	1.00	No AOP including adult salmonids		
08/31/18	274	Baker Hill Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	7 - 4	48.8	Poor	30	Open	None		Dry Fit Stone	Fair	Culvert	Dry Fit Stone	Fair	fters	At Grade		0.50	Reduced AOP	Partially Compatible	Large wasp nest at inlet inside pipe; at outlet is confluence with small stream from Gooddell Ln lots of road sediments
08/31/18	275	Baker Hill Rd	Stream, 1 HW	1	Pipe-Arch Culvert, Steel-Corrugated	5 - 3	90.9	Good	49	Open	None		Dry Fit Stone	Fair	Culvert and Wing Walls	None		None	At Grade		0.78		Mostly Compatible	Outlet at confluence with stream from Bailey Hill
08/31/18	277	Baker Hill Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	3	81.8	Fair	34	Open	None		Dry Fit Stone	Good	Wing Walls	Dry Fit Stone	Fair	None	Free Fall	< 1 ft above	0.70	No AOP including adult salmonids	Mostly Compatible	
08/31/18	278	Baker Hill Rd	Stream, 2 HW	1	Round Culvert, Steel-Smooth	6	52.2	Fair	67	Open	None		Masonry	Fair	Culvert	Concrete	Fair	Culvert, Wing Walls	Free Fall	> 2 ft above	0.55	No AOP including adult salmonids	Partially Compatible	Identified for replacement road sloping in; upstream 120ft is a driveway structure concrete box culvert 6.5 x 6 channel. Inlet headwall is a weird combination of masonry and dry fit stone
09/28/18	383	Baker Hill Rd	Stream, No HW	1	Round Culvert, Steel-Corrugated	1.5	54.2	Fair	29	Open	None		None		Culvert	None		Culvert	Free Fall	< 1 ft above	0.58	No AOP including adult salmonids	Mostly Incompatible	
08/27/18	251	Bear Hill Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Poor	36	1/4 Full			Dry Fit Stone	Fair		Dry Fit Stone	Fair		Free Fall	< 1 ft above	0.43			Completely back watered. Pipe has hole in top 6 ft from outlet causing clogging.
08/27/18	252	Bear Hill Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.5		Good	37	1/4 Full			None			None			Free Fall	< 1 ft above	0.88			
08/24/18	239	Bliss Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	27	1/4 Full			Dry Fit Stone	Fair		Dry Fit Stone	Poor		At Grade		0.63			
08/24/18	240	Bliss Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	34	Open			Masonry	Good		Masonry	Good		At Grade		1.00			
08/24/18	241	Bliss Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	25	1/4 Full			None			None			Free Fall	1 - 2 ft above	0.88			
08/24/18	242	Bliss Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	26	Open			None			None			Free Fall	< 1 ft above	1.00			
08/24/18	243	Bliss Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Good	33	Open			None			None			At Grade		1.00			
09/28/18	384	Bliss Ln	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	2 - 1.5	51.3	Fair	31	1/4 Full	Wood and Sediment		Dry Fit Stone	Good	None	Dry Fit Stone	Fair	None	At Grade		0.70	Reduced AOP	Mostly Compatible	
09/18/18	218	Breck Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	29.5	Open			Dry Fit Stone	Fair		Concrete	Fair		Free Fall	< 1 ft above	0.80			
09/18/18	317	Breck Hill Rd	Stream, 1 HW	1	Round Culvert, Steel-Corrugated	1.5	23.7	Good	34	Open	None		Dry Fit Stone	Fair	Wing Walls	None		None	At Grade		0.74	Reduced AOP	Mostly Compatible	upstream 90ft up is 4X2 elliptical culvert under N. Thetford Rd; downstream to wetland
09/18/18	319	Breck Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	37.5	1/4 Full			None			Dry Fit Stone	Fair		At Grade		0.60			
09/18/18	321	Breck Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	35	1/2 Full			None			None			At Grade		0.75			
09/21/18	337	Breck Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Fair	22	Open			Dry Fit Stone	Poor		None			At Grade		0.60			



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe				Structure Overall		Upstream				Downstream				Results			Comments		
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating		AOP Score	GC Score
09/21/18	338	Breck Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	27.5	Open		None			None			Free Fall	< 1 ft above	1.00			
09/21/18	339	Breck Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Good	28	Open		None			None			At Grade		1.00			
09/21/18	340	Breck Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Good	28	1/4 Full		None			None			At Grade		0.88			
10/02/18	382	Brook Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	41	1/2 Full		Dry Fit Stone	Good		Dry Fit Stone	Good		At Grade		0.85			
08/07/18	174	Canaan Ledge Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	2.2		Good	34	Open		Dry Fit Stone	Fair		None			Free Fall	< 1 ft above	0.90			Inlet has concrete piece; headwall upstream .4 ft behind soil
08/07/18	175	Canaan Ledge Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	2.2		Good	37	3/4 Full		Dry Fit Stone	Fair		None			Free Fall	< 1 ft above	0.60			Hole in top of culvert in picture 4
06/26/18	97	Citadel Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.9		Fair	24	1/4 Full		None			Dry Fit Stone	Poor			> 2 ft above	0.50			
06/26/18	98	Citadel Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	2		Good	25	Open	Other	None			None					1.00			Fence downstream cannot fully assess or take pictures
06/26/18	99	Citadel Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1		Fair	41	3/4 Full		Dry Fit Stone	Good		None			At Grade		0.50			
08/24/18	238	Clafin Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	34	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair		Free Fall	< 1 ft above	0.80			
08/29/18	272	Clafin Ln	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	6 - 4	51.4	Poor	33	Open	None	Dry Fit Stone	Fair	Wing Walls	Dry Fit Stone	Fair	Culvert, Wing Walls	Free Fall	< 1 ft above	0.48	No AOP including adult salmonids	Mostly Incompatible	
06/20/18	51	Clover Mill Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Good	39.5	1/4 Full		None			None			At Grade		0.88			
06/20/18	52	Clover Mill Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.2		Good	39.5	1/4 Full		Masonry	Good		None			At Grade		0.90			
06/20/18	53	Clover Mill Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	38	1/4 Full		Masonry	Good		None			At Grade		0.90			
06/20/18	54	Clover Mill Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	39.5	Open	Deformation of Culvert	None			None			At Grade		0.50			
06/20/18	55	Culver Hill Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	40	Open		Masonry	Good		None				< 1 ft above	1.00			
06/20/18	56	Culver Hill Ln	Insufficient Data	1	Round Culvert, Steel-Corrugated	1.3			43			Masonry	Fair		None								Cannot find outlet covered by leaves and vegetation
08/31/18	280	Culver Hill Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Fair	21	1/2 Full		None			None			At Grade		0.50			
06/26/18	93	Derby Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	21.5	Open		None			Dry Fit Stone	Good			> 2 ft above	1.00			
07/10/18	113	Dorchester Rd	Wetland, No Hw	1	Elliptical Culvert, Steel-Corrugated	1.6 - 1.3		Good	30	Open	None	None		None	None		None	Free Fall	< 1 ft above	1.00	No AOP including adult salmonids		
07/10/18	114	Dorchester Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Fair	21	1/2 Full		None			None			At Grade		0.50			
07/10/18	115	Dorchester Rd	Drainage, No HW	1	Elliptical Culvert, Steel-Corrugated	1.6 - 1.3		Poor	30	Open		None			None					0.50			Downstream leads to rain garden did not go through to find pipe end
07/10/18	116	Dorchester Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	30.5	Open		Dry Fit Stone	Fair		None			Free Fall	< 1 ft above	0.70			
07/10/18	117	Dorchester Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.2		Good	40	Open		None			None			At Grade		1.00			
07/10/18	118	Dorchester Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Fair	28	3/4 Full		None			Dry Fit Stone	Fair		At Grade		0.40			
07/10/18	119	Dorchester Rd	Wetland, No Hw	1	Round Culvert, Plastic-Smooth	1.8		Good	35	Open	None	None		None	None		None	Free Fall	< 1 ft above	1.00			
07/10/18	120	Dorchester Rd	Wetland, 1 HW	1	Round Culvert, Steel-Corrugated	1.6		Good	30.5	Open	None	None		None	Dry Fit Stone	Fair	None	At Grade		0.90			
07/10/18	121	Dorchester Rd	Stream, 1 HW	1	Round Culvert, Steel-Corrugated	3.8	56.2	Fair	38.5	Open	None	None		Culvert	Dry Fit Stone	Fair	Culvert	Free Fall	< 1 ft above	0.60	No AOP including adult salmonids	Mostly Compatible	
07/10/18	122	Dorchester Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.2		Good	39	Open		Dry Fit Stone	Fair		Dry Fit Stone	Good		Free Fall	1 - 2 ft above	0.90			
07/10/18	123	Dorchester Rd	Stream, 1 HW	1	Round Culvert, Steel-Corrugated	4.2	47.9	Good	31	Open	Wood	Dry Fit Stone	Poor	None	None		Culvert	Cascade	> 2 ft above	0.66	Reduced AOP	Fully Incompatible	
07/10/18	124	Dorchester Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	33	1/2 Full		None			None			At Grade		0.25			



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07/10/18	125	Dorchester Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	9.5 - 7.5	61.7	Poor	40	Open	None	Dry Fit Stone	Good	Culvert	Dry Fit Stone	Good	Culvert	At Grade		0.65	Reduced AOP	Mostly Incompatible	
07/18/18	126	Dorchester Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.2		Good	29	Open		Dry Fit Stone	Good		Dry Fit Stone	Good		At Grade		1.00			
07/18/18	127	Dorchester Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1		Poor	25	1/2 Full		Dry Fit Stone	Fair		Dry Fit Stone	Fair		At Grade		0.35			
07/18/18	128	Dorchester Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.4		Good	31	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair		1 - 2 ft above		0.80			
07/18/18	129	Dorchester Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	35	1/4 Full		Dry Fit Stone	Poor		None			< 1 ft above		0.70			
07/18/18	130	Dorchester Rd	Stream, 2 HW	2	Round Culvert, Steel-Corrugated	1.4	60.9	Fair	40	Open	None	Dry Fit Stone	Fair	None	Dry Fit Stone	Good	None	Free Fall	1 - 2 ft above	0.78	No AOP including adult salmonids	Mostly Compatible	Second pipe is 1.4 steel corrugated thin projecting 32 ft long. Logging immediately upstream causing sediment and clay downstream
07/18/18	131	Dorchester Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	30	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Fair		< 1 ft above		0.73			
07/18/18	132	Dorchester Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Good	24	Open		None			None					1.00			Cannot access outlet due to fencing
07/18/18	133	Dorchester Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Poor	30	1/2 Full		None			Dry Fit Stone	Fair		At Grade		0.30			
07/18/18	134	Dorchester Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	8 - 6	37.2	Poor	38.5	Open	Deformation of Culvert	Concrete	Fair	Culvert	Concrete	Fair	Culvert, Wing Walls	At Grade		0.45	Reduced AOP	Partially Compatible	
07/18/18	135	Dorchester Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	2.5		Good	25	Open		Dry Fit Stone	Fair		Concrete	Good		< 1 ft above		0.90			
07/18/18	136	Dorchester Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.8		Fair	35	Open		None			None			> 2 ft above		0.75			
07/18/18	137	Dorchester Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	2		Good	35.5	Open		Dry Fit Stone	Fair		Dry Fit Stone	Good		At Grade		0.90			
07/18/18	138	Dorchester Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.6		Good	41	Open		None			None			> 2 ft above		1.00			
07/20/18	139	Dorchester Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	4.6	39.9	Good	42	Open	None	Concrete	Good	Culvert	Dry Fit Stone	Good	Culvert, Wing Walls	Free Fall	< 1 ft above	0.80	No AOP except adult salmonids	Partially Compatible	
07/20/18	140	Flint Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.2		Good	35	Open		None			None			< 1 ft above		1.00			
07/20/18	141	Flint Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	35	Open		Dry Fit Stone	Good		None			< 1 ft above		1.00			
07/20/18	142	Flint Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Corrugated	1.2		Good	36.5	Open		None			Dry Fit Stone	Good		> 2 feet above		1.00			
07/20/18	143	Flint Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	21.3	Open		None			None			< 1 ft above		0.50			
07/20/18	144	Flint Hill Rd	Stream, 1 HW	1	Round Culvert, Steel-Corrugated	2.2	19.3	Fair	22	Open	Sediment	Dry Fit Stone	Poor	Wing Walls	None		Culvert	Free Fall	1 - 2 ft above	0.49	No AOP including adult salmonids	Mostly Incompatible	
07/20/18	145	Flint Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Fair	26.5	1/4 Full		None			None			At Grade		0.63			
07/20/18	146	Flint Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Corrugated	1.2		Good	53.5	1/4 Full		Dry Fit Stone	Poor		Dry Fit Stone	Good		< 1 ft above		0.73			
07/20/18	147	Flint Hill Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	19 - 11.8	60.3	Good	37	Open	None	Dry Fit Stone	Good	Culvert	Dry Fit Stone	Good	Culvert	Free Fall	1 - 2 ft above	0.85	No AOP including adult salmonids	Partially Compatible	
08/31/18	279	Flint Hill Rd	Stream, 2 HW	2	Pipe-Arch Culvert, Steel-Corrugated	9 - 6.5	118.7	Good	33	Open	None	Dry Fit Stone	Fair	Culvert	Dry Fit Stone	Fair	Culvert	At Grade		0.75	Reduced AOP	Partially Compatible	Culvert on right is poor and free fall .4 less than 1ft
06/26/18	94	Franklin Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	31	Open		Concrete	Good		None			At Grade		1.00			
06/26/18	95	Franklin Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	38.5	3/4 Full		Dry Fit Stone	Poor		Dry Fit Stone	Good		At Grade		0.58			
06/26/18	96	Franklin Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	29	Entirely Full		Dry Fit Stone	Fair		None			At Grade		0.30			
06/26/18	100	Franklin Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.5		Poor	28.5	Open		None			None			< 1 ft above		0.50			



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe					Structure Overall		Upstream				Downstream				Results			Comments	
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating	AOP Score		GC Score
06/29/18	101	Franklin Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.2		Good	25	3/4 Full		None			None			At Grade		0.63			Outlet buried
06/29/18	102	Franklin Hill Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.4		Fair	32.5	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair			< 1 ft above	0.65			
06/29/18	103	Franklin Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Poor	25	Entirely Full		None			None			At Grade		0.00			
06/29/18	104	Franklin Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	35	Open		None			Dry Fit Stone	Good		At Grade		1.00			
06/29/18	105	Franklin Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	35	Open		Concrete	Fair		Dry Fit Stone	Fair			< 1 ft above	0.80			
06/29/18	106	Franklin Hill Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.2		Poor	29.5	1/2 Full		Dry Fit Stone	Poor		Dry Fit Stone	Fair		At Grade		0.25			
06/29/18	107	Franklin Hill Rd	Wetland, No Hw	1	Round Culvert, Steel-Corrugated	1.2		Poor	29	Open	Sediment	None		Culvert	None		None	At Grade		0.58	Reduced AOP		Channelized by structure but spreads out and consistently wet like a wetland
06/29/18	108	Franklin Hill Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	30	Open	None	Dry Fit Stone	Good	Wing Walls	Dry Fit Stone	Poor		At Grade		0.65			
06/29/18	109	Franklin Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Good	30	Open		Dry Fit Stone	Good		None				< 1 ft above	1.00			
06/29/18	110	Franklin Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	0.8		Good	25	1/2 Full		None			Dry Fit Stone	Good		At Grade		0.80			
06/29/18	111	Franklin Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Fair	30.5	Open		None			None				> 2 feet above	0.75			
06/29/18	112	Franklin Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	35	Open		None			None				< 1 ft above	0.50			
06/29/18	409	Franklin Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	25	Open		None			Dry Fit Stone	Good			> 2 feet above	1.00			
08/07/18	185	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	38	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Fair		At Grade		0.73			
08/07/18	186	Goose Pond Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	2.3	24.6	Poor	37	Open	None	Dry Fit Stone	Good	None	Dry Fit Stone	Fair	Wing Walls	At Grade		0.60	Reduced AOP	Fully Incompatible	
08/07/18	187	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Fair	24	Open		Dry Fit Stone	Poor		Dry Fit Stone	Fair		Free Fall	< 1 ft above	0.55			
08/07/18	188	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	27	1/4 Full		Concrete	Fair		Dry Fit Stone	Good		At Grade		0.83			
08/07/18	189	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Fair	38	Entirely Full		Concrete	Good		Concrete	Good		At Grade		0.55			
08/07/18	190	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	38	Open		Concrete	Good		Concrete	Good		Free Fall	< 1 ft above	1.00			
08/07/18	191	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Poor	38	1/2 Full		Dry Fit Stone	Fair		Concrete	Fair		At Grade		0.35			
08/07/18	192	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	36	Open		Concrete	Good		Concrete	Good		Free Fall	< 1 ft above	1.00			
08/08/18	193	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	38	Open		Dry Fit Stone	Good		Dry Fit Stone	Good		At Grade		1.00			Very dense vegetation
08/08/18	194	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	34	1/2 Full		Concrete	Good		Concrete	Good		At Grade		0.85			
08/08/18	195	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	42	Open		Concrete	Fair		Concrete	Good		Free Fall	< 1 ft above	0.90			
08/08/18	196	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	2		Fair	29	Open		Dry Fit Stone	Fair		Dry Fit Stone	Poor		Free Fall	< 1 ft above	0.55			
08/08/18	197	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Poor	33	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Fair		At Grade		0.43			
08/08/18	198	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	41	Open		Concrete	Good		Concrete	Good		Free Fall	< 1 ft above	1.00			
08/08/18	199	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	40	Open		Concrete	Fair		Concrete	Good		Free Fall	< 1 ft above	0.90			
08/08/18	200	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	40	1/4 Full		Dry Fit Stone	Good		Dry Fit Stone	Fair		At Grade		0.68			
08/08/18	201	Goose Pond Rd	Drainage, No HW	1	Catch Basin Inlet, Steel-Corrugated	1.5		Good	47	Open					None			At Grade		1.00			Driveway pipe to catch basin then under Goose Pond Rd
08/08/18	202	Goose Pond Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	4.3	59.2	Fair	34	Open	Wood and Sediment	Dry Fit Stone	Good	Wing Walls	Dry Fit Stone	Poor	Culvert, Wing Walls	Free Fall	> 2 feet above	0.60	No AOP including adult salmonids	Mostly Incompatible	Deposit in front of inlet created pool; downstream midchannel deposit deposit stream splits in two measured larger on left



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe					Structure Overall		Upstream			Downstream				Results			Comments		
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating		AOP Score	GC Score
08/08/18	203	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	40	Open		Concrete	Good		Concrete	Good		Free Fall	1 - 2 ft above	0.85			
08/08/18	204	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	2.3		Poor	35	Open		Dry Fit Stone	Fair		Concrete	Good		Free Fall	> 2 feet above	0.60			
08/08/18	205	Goose Pond Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	2.5		Good	42	Open		None			Concrete	Good		Free Fall	< 1 ft above	1.00			
08/08/18	206	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	40	1/2 Full		Concrete	Fair		Concrete	Good		Free Fall	> 2 feet above	0.75			
08/23/18	207	Goose Pond Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Fair	31	Open		Concrete	Good		None			Free Fall	> 2 feet above	0.80			
08/23/18	208	Goose Pond Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	2		Fair	48	1/2 Full		None			Dry Fit Stone	Poor		At Grade		0.40			
08/23/18	209	Goose Pond Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	3	36.7	Poor	39.5	Open	None	Concrete	Good	Wing Walls	Concrete	Fair	Culvert, Wing Walls	Free Fall	> 2 feet above	0.55	No AOP including adult salmonids	Mostly Incompatible	
08/23/18	210	Goose Pond Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	2		Good	31.5	Open		Concrete	Good		None			Free Fall	< 1 ft above	1.00			
08/23/18	211	Goose Pond Rd	Stream, 1 HW	1	Round Culvert, Plastic-Smooth	2	73.2	Good	44	Open	None	Concrete	Good	None	None		None	Free Fall	< 1 ft above	0.93	No AOP including adult salmonids	Mostly Incompatible	Small plastic drainage pipes downstream
08/23/18	212	Goose Pond Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	2		Good	40	Open		Concrete	Good		None			At Grade		1.00			
08/23/18	213	Goose Pond Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth			Good	40	Entirely Full	Wood and Sediment				None			At Grade		0.50			Inlet completely buried cannot find
08/23/18	214	Goose Pond Rd	Stream, 2 HW	1	Round Culvert, Plastic-Smooth	3	66.7	Good	36	Open	Wood and Sediment	Concrete	Good	None	Concrete	Good	Culvert	Free Fall	> 2 feet above	0.90	No AOP including adult salmonids	Mostly Compatible	
08/23/18	215	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	36	Open		Concrete	Good		Concrete	Good		Free Fall	< 1 ft above	1.00			
08/23/18	216	Goose Pond Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	39	Open		Concrete	Good		None			At Grade		1.00			
08/23/18	217	Goose Pond Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	40	Open		None			None			At Grade		1.00			
08/23/18	219	Goose Pond Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	38	1/4 Full		None			None			Free Fall	> 2 feet above	0.88			
08/23/18	220	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	40	1/2 Full		Dry Fit Stone	Fair		Dry Fit Stone	Good		At Grade		0.75			
08/23/18	221	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	40	3/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Good		Free Fall	< 1 ft above	0.68			
08/23/18	222	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	42	Open		Dry Fit Stone	Poor		Dry Fit Stone	Fair		At Grade		0.70			
08/23/18	223	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Fair	46	Open		Dry Fit Stone	Poor		Dry Fit Stone	Fair		Free Fall	< 1 ft above	0.55			
08/23/18	224	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	56	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Good		Free Fall	< 1 ft above	0.83			
08/23/18	225	Goose Pond Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	60	Open		Concrete	Fair		None			At Grade		0.90			
08/23/18	226	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	49	1/2 Full		Dry Fit Stone	Fair		Dry Fit Stone	Fair		At Grade		0.65			
08/23/18	227	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	37	Open		Dry Fit Stone	Poor		Dry Fit Stone	Fair		At Grade		0.70			
08/23/18	228	Goose Pond Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	37	Entirely Full		Dry Fit Stone	Good		Dry Fit Stone	Good		At Grade		0.70			
08/23/18	229	Goose Pond Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	9.5 - 7	65.2	Poor	38	Open	None	Dry Fit Stone	Good	Culvert and Wing Walls	Dry Fit Stone	Fair	None	At Grade		0.60	Reduced AOP	Mostly Incompatible	Local knowledge that culvert often floods before inlet coming down Renne road in Hanover. Stream banks no high upstream
08/23/18	230	Goose Pond Rd	Stream, 2 HW	2	Round Culvert, Steel-Corrugated	6	52.2	Good	26	Open	Wood	Concrete	Good	None	Concrete	Good	None	At Grade		0.93	Reduced AOP	Partially Compatible	Local knowledge: culvert has flooded 3 times in past 6 years. Often blocked by wood and trees.



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe					Structure Overall		Upstream				Downstream				Results			Comments	
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating	AOP Score		GC Score
08/29/18	268	Goose Pond Rd	Stream, 2 HW	2	Round Culvert, Steel-Corrugated	6.5	45.9	Fair	31.5	Open	Wood and Sediment	Concrete	Good	None	Concrete	Good	Culvert	Free Fall	< 1 ft above	0.78	No AOP except adult salmonids	Partially Compatible	Right culvert more blocked less water flowing through; culverts have a layer of concrete on bottom of pipe
08/23/18	410	Goose Pond Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	38	Entirely Full	Sediment and Debris	None			None			Free Fall	< 1 ft above	0.50			Can't see inlet might be blocked by sediment and headwall
08/02/18	154	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Good	31	Open		None			None			At Grade		1.00			
08/02/18	155	Grafton Turnpike Rd	Wetland, No HW	1	Round Culvert, Steel-Corrugated	2.5		Poor	20.5	Open	Deformation of Culvert	None		Culvert	None		Culvert	At Grade		0.50	Reduced AOP		
08/02/18	156	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Fair	31.5	Entirely Full		None			None			At Grade		0.25			standing water on both sides
08/02/18	157	Grafton Turnpike Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	26	Open	Sediment	Dry Fit Stone	Good		None				1 - 2 ft above	0.80			
08/02/18	158	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	24	Entirely Full		None			None			At Grade		0.25			
08/02/18	159	Grafton Turnpike Rd	Wetland, No HW	1	Round Culvert, Steel-Corrugated	1		Good	25.5	Open	None	None		None	None		Culvert	Free Fall	< 1 ft above	0.93	No AOP including adult salmonids		
08/02/18	160	Grafton Turnpike Rd	Wetland, No HW	1	Round Culvert, Steel-Corrugated	1		Good	30	Open	None	None		None	None		None	At Grade		1.00			
08/02/18	161	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Good	30	Open		None			None			At Grade		1.00			
08/02/18	162	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Good	29	Open		None		Culvert	None		Culvert	Free Fall	1 - 2 ft above	1.00			
08/02/18	163	Grafton Turnpike Rd	Stream, 2 HW	2	Round Culvert, Steel-Corrugated	1.8	87.8	Poor	31	Open	None	Dry Fit Stone	Fair	Culvert	Dry Fit Stone	Poor	None	At Grade		0.50	Reduced AOP	Mostly Compatible	Local knowledge road sediments damaging brook downstream. Road washout. History of beavers
08/02/18	164	Grafton Turnpike Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Fair	25	1/2 Full		None			Dry Fit Stone	Fair		At Grade		0.50			
08/02/18	165	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Good	39.5	Open		None			None			At Grade		1.00			
08/02/18	166	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Good	37	Open		None			None			At Grade		1.00			
08/02/18	167	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	32	Open		None			None			Free Fall	< 1 ft above	1.00			
08/02/18	168	Grafton Turnpike Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	39	1/4 Full		Dry Fit Stone	Good		None			Free Fall	> 2 feet above	0.90			
08/02/18	169	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	24	Entirely Full		None			None			Free Fall	> 2 feet above	0.25			
08/02/18	170	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Good	33	Open		None			None			Free Fall	< 1 ft above	1.00			
08/02/18	171	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	20.5	Open		None			None			At Grade		1.00			Pipe immediately at outlet private
08/02/18	172	Grafton Turnpike Rd	Stream, 1 HW	1	Round Culvert, Steel-Corrugated	2.5	35.2	Fair	26	Open	None	Dry Fit Stone	Fair	None	None		None	At Grade		0.71	Reduced AOP	Mostly Incompatible	
08/02/18	173	Grafton Turnpike Rd	Stream, No HW	1	Embedded Pipe Arch Culvert, Steel-Corrugated	6 - 3	79.3	Good	18	Open	None	None		None	None		None	At Grade		0.90		Partially Compatible	
08/07/18	176	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	36	Open		None			None			Free Fall	> 2 feet above	1.00			
08/07/18	177	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Fair	35	1/2 Full	Deformation of Culvert	None			None			At Grade		0.50			
08/07/18	178	Grafton Turnpike Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	40	1/4 Full		Dry Fit Stone	Good		Dry Fit Stone	Good		Free Fall	< 1 ft above	0.93			
08/07/18	179	Grafton Turnpike Rd	Stream, 1 HW	1	Round Culvert, Plastic-Corrugated	3	45.0	Good	52	Open	None	None		None	Dry Fit Stone	Good	Culvert	Free Fall	< 1 ft above	0.81	No AOP including adult salmonids	Mostly Incompatible	Flows right into stream no channel downstream
08/07/18	180	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	30	Open		None			None			Free Fall	1 - 2 ft above	0.50			
08/07/18	181	Grafton Turnpike Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	33	1/4 Full		Dry Fit Stone	Fair		Concrete	Good		Free Fall	1 - 2 ft above	0.83			
08/07/18	182	Grafton Turnpike Rd	Insufficient Data	1	Catch Basin Inlet,				53						None								Cannot safely access outlet



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Collection Date	Culvert ID	Road Name	Crossing Type	#	Pipe				Structure Overall		Upstream				Downstream				Results			Comments	
					Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating	AOP Score		GC Score
08/07/18	183	Grafton Turnpike Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	2.7		Good	36	1/4 Full		None			None		At Grade		0.88				
08/07/18	184	Grafton Turnpike Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.7		Good	115	1/2 Full		Concrete	Good		None		At Grade		0.80				
06/20/18	61	Hardscrabble Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	36	Open		None			Concrete	Good		< 1 ft above	1.00				
06/26/18	81	Hardscrabble Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	35.5	Open		Concrete	Good	Culvert	Dry Fit Stone	Good		< 1 ft above	1.00				
06/26/18	82	Hardscrabble Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	2		Poor	23	Open		None			None		At Grade		0.50			High erosion of road and around structure at outlet	
09/14/18	281	Hews Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Good	30	Open		None			None		At Grade		1.00				
05/16/18	7	Highbridge Rd	Drainage, No HW	1	Round Culvert, Plastic-Corrugated	1.3		Poor	70	1/4 Full					None				0.38			Outlet at grade; concrete stacked head wall at outlet fair	
06/20/18	57	Highbridge Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Poor	32	1/2 Full		Dry Fit Stone	Poor		None		At Grade		0.20			High scour upstream under tree see photos.	
06/20/18	58	Highbridge Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.5		Good	24	1/2 Full		None			None		At Grade		0.75				
06/20/18	59	Highbridge Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	30	Open		None			None			< 1 ft above	1.00				
06/20/18	60	Highbridge Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	33	Open		Dry Fit Stone	Good		Dry Fit Stone	Good	At Grade		1.00				
06/22/18	71	Highbridge Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	3.4	63.0	Poor	21	Open	Structural Debris	Masonry	Poor	None	Concrete	Fair	Culvert, Footers, Wing Walls	Free Fall	< 1 ft above	0.45	No AOP including adult salmonids	Partially Compatible	Inlet below stream bed; culvert or old dam upstream 100ft width 3.5ft see picture 7
06/22/18	72	Highbridge Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	2.5		Poor	29	1/4 Full	None	Dry Fit Stone	Poor	None	Dry Fit Stone	Poor	At Grade		0.23				
06/22/18	73	Highbridge Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.4		Good	44	1/2 Full		Dry Fit Stone	Poor		Dry Fit Stone	Fair	At Grade		0.55				
07/20/18	148	Isaac Perkins Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Fair	30	Entirely Full		None			None		At Grade		0.25				
07/20/18	149	Isaac Perkins Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Fair	23	1/2 Full		None			None		At Grade		0.50				
07/20/18	150	Isaac Perkins Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	45	Open		Dry Fit Stone	Good		None			< 1 ft above	1.00				
07/20/18	151	Isaac Perkins Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Poor	23	3/4 Full		None			None		At Grade		0.13				
07/20/18	152	Isaac Perkins Rd	Wetland, 2 HW	1	Round Culvert, Steel-Corrugated	1.2		Fair	33	Entirely Full	None	Concrete	Good	None	Concrete	Good	At Grade		0.70	Reduced AOP			
07/20/18	153	Isaac Perkins Rd	Insufficient Data											None								Cannot find pipe but clear that one should be here possible stream or wetlands crossing	
09/27/18	368	Lampshire Hill Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	0.8		Poor	19	1/2 Full		None			None		At Grade		0.25				
09/27/18	369	Lampshire Hill Ln	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	30	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Good	At Grade		0.68				
09/27/18	370	Lampshire Hill Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	28	Open		None			None		Free Fall	1 - 2 ft above	1.00				
09/27/18	371	Lampshire Hill Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.8		Fair	35	1/4 Full		None			None				0.63			Can't see outlet of pipe	
09/27/18	372	Lampshire Hill Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Good	45	Open		Dry Fit Stone	Good		None		At Grade		1.00				
10/04/18	395	Maple Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	28	Open	Wood and Sediment	None			Dry Fit Stone	Good	At Grade		1.00				
10/04/18	396	Maple Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	40	1/4 Full		Dry Fit Stone	Fair		None		At Grade		0.80				
09/14/18	315	Market St	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	30	1/2 Full	Sediment and Debris	None			None		At Grade		0.75				
09/14/18	316	Market St	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Good	36.5	Open	Sediment and Debris	None			None		Free Fall	1 - 2 ft above	1.00				
06/06/18	41	Masa Morey Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	28	1/4 Full		Concrete	Poor		Concrete	Fair		< 1 ft above	0.63				
06/06/18	42	Masa Morey Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	30	Open		Concrete	Poor		Concrete	Poor		< 1 ft above	0.60				





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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe					Structure Overall		Upstream				Downstream				Results			Comments	
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating	AOP Score		GC Score
06/06/18	43	Masa Morey Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	35	1/4 Full		Concrete	Good		None		At Grade		0.90				
06/06/18	44	Masa Morey Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	39	Open		None			Dry Fit Stone	Fair		< 1 ft above	0.90				
05/16/18	1	Orfordville Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Fair	30	Open		Dry Fit Stone	Fair		None		At Grade		0.70				
05/16/18	2	Orfordville Rd	Drainage, No HW	1	Round Culvert, Plastic-Corrugated	1.3		Good	26	Open					None				1.00			Drop rip rap; stacked stone head wall poor	
05/16/18	11	Orfordville Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	25	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Fair	At Grade		0.73				
05/22/18	12	Orfordville Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Aluminum-Corrugated	5.9 - 4.1	35.5	Good	39	Open	None	Dry Fit Stone	Fair	Culvert	Dry Fit Stone	Fair	Culvert	Free Fall	1 - 2 ft above	0.68	No AOP including adult salmonids	Mostly Incompatible	Photos show downstream erosion between 50-100 ft
05/22/18	13	Orfordville Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.2		Fair	34.5	1/4 Full	Deformation of Culvert	None			None			1 - 2 ft above	0.63			Little cracks	
05/22/18	14	Orfordville Rd	Stream, 1 HW	1	Round Culvert, Plastic-Smooth	1.2	37.5	Good	34	Open	None	Dry Fit Stone	Fair	None	None	None	Free Fall	> 2 ft above	0.81	No AOP including adult salmonids	Partially Compatible	Driveway culvert at inlet; driveway culvert 1.5 ft upstream 28 feet	
05/22/18	15	Orfordville Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Poor	31	Open		Dry Fit Stone	Fair		None			< 1 ft above	0.50			Scour at outlet .7 feet	
05/22/18	16	Orfordville Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.2		Fair	26	Open	Wood and Sediment	Concrete	Poor	None	Concrete	Good	Culvert	Free Fall	1 - 2 ft above	0.65			Upstream follow road 30 feet
05/29/18	17	Orfordville Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	28.8	Open		Concrete	Good		Dry Fit Stone	Fair		> 2 feet above	0.90				
05/29/18	18	Orfordville Rd	Wetland, No Hw	1	Round Culvert, Steel-Corrugated	1.3		Fair	40	1/4 Full	Other	None		None	None	None	At Grade		0.74	Reduced AOP		Drainage of wetland down ditch 50 ft	
05/29/18	19	Orfordville Rd	Wetland, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	38	1/4 Full	Wood	Dry Fit Stone	Good	None	Dry Fit Stone	Good	Culvert	Free Fall	1 - 2 ft above	0.88	No AOP including adult salmonids		
05/29/18	20	Orfordville Rd	Stream, 2 HW	1	Elliptical Culvert, Steel-Corrugated	4.2 - 2.6	86.9	Fair	39	Open	None	Dry Fit Stone	Good	Culvert	Dry Fit Stone	Poor	At Grade		0.68	Reduced AOP	Mostly Compatible	Culvert 57 feet upstream same size as this one	
05/29/18	21	Orfordville Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	37	Open		Dry Fit Stone	Poor		None			> 2 feet above	0.80			Inlet drainage ditch from both sides	
05/29/18	22	Orfordville Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Fair	26	1/2 Full	Sediment	Dry Fit Stone	Poor	None	Dry Fit Stone	Fair	At Grade		0.40			Outlet has end piece	
08/24/18	244	Pico Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	26	Open		None			None		Free Fall	< 1 ft above	0.50				
08/24/18	245	Pico Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.5		Poor	24	Open		None			None		At Grade		0.50				
08/24/18	246	Pico Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	35	1/2 Full		None			None		At Grade		0.25				
08/24/18	247	Pico Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Good	30	Open		Dry Fit Stone	Good		None		Free Fall	1 - 2 ft above	1.00				
08/24/18	248	Pico Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.5		Good	33	Open		None			None		Free Fall	< 1 ft above	1.00				
08/24/18	249	Pico Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	29	Open		None			None		At Grade		0.50				
08/29/18	269	Pico Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	6.5 - 4	52.0	Poor	37	Open	Other	Dry Fit Stone	Fair	Wing Walls	Dry Fit Stone	Fair	Culvert, Wing Walls	Free Fall	< 1 ft above	0.48	No AOP including adult salmonids	Mostly Compatible	
08/29/18	270	Pico Rd	Wetland, No HW	1	Round Culvert, Concrete	1		Poor	32	Open	None	None		None	None		Culvert	At Grade	0.58	Reduced AOP		When wet has multiple channels. Pond and wet area	
08/29/18	271	Pico Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	6 - 4	66.7	Fair	37	Open	None	Dry Fit Stone	Poor	Culvert	Dry Fit Stone	Fair	Culvert	Free Fall	< 1 ft above	0.53	No AOP including adult salmonids	Mostly Incompatible	
05/16/18	3	Pinnacle Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Fair	25.5	Entirely Full	Sediment and Debris	Dry Fit Stone	Fair		None		At Grade		0.30				
05/16/18	4	Pinnacle Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Corrugated	1.3		Good	36	Open		Dry Fit Stone	Good		None		At Grade		1.00				
05/16/18	5	Pinnacle Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Good	39	Entirely Full	Structural Debris				None		At Grade		0.50				



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe					Structure Overall		Upstream				Downstream				Results			Comments	
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating	AOP Score		GC Score
05/16/18	6	Pinnacle Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	28	3/4 Full					None					0.13			Outlet drop .5 to pipe
05/16/18	8	Pinnacle Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Fair	34	Open	Wood and Sediment				None			At Grade		0.75			
05/16/18	9	Pinnacle Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	30	Open		None			None			At Grade		0.50			
05/29/18	23	Pinnacle Rd	Insufficient Data	1					24		Structural Debris	Dry Fit Stone	Poor		Dry Fit Stone	Poor							Culvert blocked under headwall on both ends. Could not assess structure.
05/29/18	24	Pinnacle Rd	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	6.8 - 3.7	34.2	Fair	41	Open	None	Concrete	Fair	Headwall	Dry Fit Stone	Fair	Culvert, Footers	Free Fall	> 2 ft above	0.58	No AOP including adult salmonids	Mostly Incompatible	
05/29/18	25	Pinnacle Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	2		Poor	31	Open		Dry Fit Stone	Poor		None			< 1 ft above	0.40				Rusted out on bottom at outlet
05/29/18	26	Pinnacle Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	37	Open		Dry Fit Stone	Fair		Dry Fit Stone	Poor		1 - 2 ft above	0.70				
05/29/18	27	Pinnacle Rd	Insufficient Data	2	Pipe-Arch Culvert, Steel-Corrugated	8.5 - 6		Good		Open	None	Dry Fit Stone	Good	None	None			At Grade					unable to collect downstream due to fencing
06/06/18	28	Pinnacle Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	35	Open		Concrete	Good		Other	Good				1.00			Skewed; could not access downstream due to fencing
06/06/18	29	Pinnacle Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	37	Entirely Full		Dry Fit Stone	Fair		None					0.10			unintentionally embedded
06/06/18	30	Pinnacle Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.5		Good	35	Open		None			None			< 1 ft above	1.00				
06/06/18	31	Pinnacle Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Fair	35	1/2 Full	Structural Debris	Dry Fit Stone	Poor		Dry Fit Stone	Fair				0.40			
06/06/18	32	Pinnacle Rd	Insufficient Data	1	Round Culvert, Plastic-Smooth				41	Entirely Full		Dry Fit Stone	Fair		Dry Fit Stone	Poor							Skewed; outlet covered by headwall
06/06/18	33	Pinnacle Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth			Poor	35	1/2 Full	Structural Debris	Dry Fit Stone	Fair		Dry Fit Stone	Poor		At Grade		0.25			Can't measure pipe
06/06/18	34	Pinnacle Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Fair	35	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Fair		At Grade		0.58			
06/06/18	36	Pinnacle Rd	Wetland, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	35	Open	None	Dry Fit Stone	Fair	None	Concrete	Poor	Culvert, Wing Walls	Free Fall	< 1 ft above	0.66	No AOP including adult salmonids		
06/06/18	37	Pinnacle Rd	Stream, 2 HW	1	Round Culvert, Plastic-Smooth	2	37.0	Good	40	Open	None	Dry Fit Stone	Good	None	Dry Fit Stone	Fair	Culvert	Free Fall	1 - 2 ft above	0.80	No AOP including adult salmonids	Partially Compatible	Driveway culvert 23 feet upstream 1.5 plastic smooth with 1.8 freefall; flows into larger stream 15 feet from outlet
06/06/18	38	Pinnacle Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	43	1/4 Full		Dry Fit Stone	Poor		Dry Fit Stone	Poor		At Grade		0.53			
06/06/18	39	Pinnacle Rd	Drainage, 2 HW	2	Round Culvert, Plastic-Smooth	1.3		Fair	35.5	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Poor		< 1 ft above	0.48				Outlets into a stream; second pipe small .5 ft pipe at outlet below crossing pipe
06/06/18	40	Pinnacle Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Poor	35	1/4 Full		Dry Fit Stone	Poor		None			At Grade		0.30			
06/22/18	69	Pinnacle Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	4.3	64.5	Poor	29	Open	None	Masonry	Poor	None	Dry Fit Stone	Fair	Culvert	Free Fall	< 1 ft above	0.48	No AOP including adult salmonids	Partially Compatible	U/s drops 2 feet before entering culvert
06/22/18	70	Pinnacle Rd	Stream, 2 HW	1	Round Culvert, Plastic-Smooth	1.5	26.5	Poor	40	Open	Wood and Sediment	Concrete	Fair	None	Dry Fit Stone	Poor	None	At Grade		0.48	Reduced AOP		No visible water flow but stream bed is wet
09/28/18	35	Pony Hill Ln	Stream, 2 HW	1	Pipe-Arch Culvert, Steel-Corrugated	9 - 6	79.4	Fair	42	Open	Structural Debris	Dry Fit Stone	Poor	Culvert and Wing Walls	Dry Fit Stone	Good	Culvert	At Grade		0.58	Reduced AOP	Partially Compatible	Inlet headwall very damaged
09/21/18	341	Post Pond Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Fair	24.5	3/4 Full		None			None			At Grade		0.38			
09/21/18	342	Post Pond Ln	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.2		Fair	24	1/2 Full		Dry Fit Stone	Good		Dry Fit Stone	Good		At Grade		0.70			
09/21/18	343	Post Pond Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1		Good	20	Entirely Full		None			Dry Fit Stone	Poor		At Grade		0.40			
09/21/18	344	Post Pond Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Fair	24	Open		None			None			At Grade		0.75			
09/21/18	345	Post Pond Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Fair	40	3/4 Full		Dry Fit Stone	Good		None			At Grade		0.50			



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe					Structure Overall		Upstream				Downstream				Results			Comments	
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating	AOP Score		GC Score
09/21/18	346	Post Pond Ln	Insufficient Data	1	Round Culvert, Steel-Corrugated	1.3		Good	30	Open					Dry Fit Stone	Fair	Culvert	Free Fall	> 2 feet above				Upstream fencing. Not safe downstream slope for walking. Upstream estimated 30 feet is driveway culvert
09/21/18	347	Post Pond Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.2		Poor	40	Open				Dry Fit Stone	Good			Free Fall	1 - 2 ft above	0.60			
06/26/18	83	Pout Pond Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	34.5	Open				Dry Fit Stone	Poor				1 - 2 ft above	0.60			Cap on outlet pipe 1.8 feet
06/26/18	84	Pout Pond Ln	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	36	Open				Concrete	Good			At Grade		1.00			
06/26/18	85	Pout Pond Ln	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	30.5	Open				None				At Grade		0.50			
06/26/18	86	Pout Pond Ln	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	1.8	43.5	Poor	32	Open	Wood and Sediment	Dry Fit Stone	Poor	Wing Walls	Dry Fit Stone	Fair	Culvert, Wing Walls	Free Fall	1 - 2 ft above	0.40	No AOP including adult salmonids	Mostly Compatible	Upstream 90 feet is an old bridge/dam structure dimensions 2 feet wide. See photo 7
06/26/18	87	Pout Pond Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	2		Fair	35	Open				None				1 - 2 ft above	0.70			Road erosion	
09/14/18	285	Preston Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Good	50	1/2 Full		Dry Fit Stone	Fair		None			At Grade		0.70			
09/14/18	286	Preston Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1		Good	27.5	1/2 Full		Dry Fit Stone	Fair		None			At Grade		0.70			
09/14/18	287	Preston Rd	Drainage, 2 HW	1	Elliptical Culvert, Steel-Corrugated	3 - 2		Good	28	Open		Concrete	Good		Concrete	Good		Free Fall	< 1 ft above	1.00			Assessed as drainage no water in bed after rain
09/14/18	288	Preston Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	30	Open		Concrete	Good		Concrete	Good		Free Fall	> 2 feet above	1.00			
09/14/18	289	Preston Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.4		Good	28	Open		None			Concrete	Fair		Free Fall	< 1 ft above	0.90			
09/14/18	290	Preston Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	35	Open		None			Dry Fit Stone	Good		Free Fall	< 1 ft above	1.00			
09/14/18	291	Preston Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	25	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair		Free Fall	< 1 ft above	0.50			
09/14/18	292	Preston Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.5		Poor	23	Open		None			Dry Fit Stone	Poor		Free Fall	< 1 ft above	0.40			
09/14/18	293	Preston Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	21	Open	Sediment and Debris	None			Dry Fit Stone	Fair		Free Fall	< 1 ft above	0.50			Inlet plugged 3/4
09/14/18	294	Preston Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1		Fair	26.5	Open		None			Dry Fit Stone	Fair		At Grade		0.70			
09/28/18	380	Recordridge Ln	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	60	Open		Masonry	Fair		Dry Fit Stone	Fair		At Grade		0.65			Large pool upstream is this intentional? See photos
09/28/18	381	Recordridge Ln	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	38	1/4 Full		Dry Fit Stone	Fair		None			At Grade		0.80			
	318	River Rd	Insufficient Data												None								Local knowledge has suggested culvert
09/18/18	320	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	36.5	Open		Dry Fit Stone	Good		Dry Fit Stone	Good		At Grade		1.00			
09/18/18	322	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	31.5	Open		Dry Fit Stone	Good		Concrete	Good		At Grade		1.00			
09/18/18	323	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	32	Open		Concrete	Fair		Concrete	Fair		Free Fall	> 2 feet above	0.80			
09/18/18	324	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	37	Open		Concrete	Fair		Concrete	Good		Free Fall	> 2 feet above	0.90			
09/18/18	325	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	41	Open		Concrete	Fair		Concrete	Poor		Free Fall	> 2 feet above	0.70			
09/18/18	326	River Rd	Stream, 2 HW	1	Round Culvert, Plastic-Smooth	1.5	46.9	Good	33.5	Open	None	Dry Fit Stone	Poor	Wing Walls	Dry Fit Stone	Poor	Culvert, Wing Walls	Free Fall	> 2 feet above	0.53	No AOP including adult salmonids	Mostly Incompatible	Wetland upstream 50 ft
09/18/18	327	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	36	Open		Concrete	Good		Concrete	Good		Free Fall	< 1 ft above	1.00			
09/18/18	328	River Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	34	Open		Concrete	Good		None			At Grade		1.00			
09/18/18	329	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	33.5	Open		Dry Fit Stone	Good		Concrete	Good		Free Fall	< 1 ft above	1.00			Local knowledge this culvert floods often overtops road and takes out driveways



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Collection Date	Culvert ID	Road Name	Crossing Type	#	Pipe			Structure Overall		Upstream				Downstream				Results			Comments		
					Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating		AOP Score	GC Score
09/18/18	330	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	31	Open		Dry Fit Stone	Fair		Dry Fit Stone	Good		At Grade		0.90			
09/18/18	331	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	31	1/4 Full		Dry Fit Stone	Poor		Dry Fit Stone	Good		At Grade		0.73			
09/18/18	332	River Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.2		Poor	31	3/4 Full		Dry Fit Stone	Good		Concrete	Good		At Grade		0.48			
09/18/18	333	River Rd	Wetland, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	34	Open	None	Concrete	Good	None	Concrete	Good	Culvert, Wing Walls	Free Fall	1 - 2 ft above	0.89	No AOP including adult salmonids		
09/21/18	334	River Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1		Good	34	1/4 Full		None			Dry Fit Stone	Good		At Grade		0.90			
09/21/18	335	River Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1		Poor	35	1/2 Full		Dry Fit Stone	Fair		None			At Grade		0.30			
09/21/18	336	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.1		Fair	60	Open		Dry Fit Stone	Good		Concrete	Poor		Free Fall	> 2 ft above	0.65			
09/21/18	355	River Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1		Good		Open	Structural Debris	Dry Fit Stone	Fair		None			At Grade		0.90			
09/27/18	356	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	40	Open		Dry Fit Stone	Good		None			At Grade		1.00			
09/27/18	357	River Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	36	1/4 Full		Concrete	Good		None			At Grade		0.90			
09/27/18	358	River Rd	Drainage, No HW	1	Round Culvert, Plastic-Corrugated	1.5		Good	36	Open		None			None			Free Fall	1 - 2 ft above	1.00			
09/27/18	359	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	2		Good	40	Open		Concrete	Good		Concrete	Good		At Grade		1.00			
09/27/18	360	River Rd	Insufficient Data		Catch Basin Inlet,				45						None								Concrete topped catch basin
09/27/18	361	River Rd	Insufficient Data								Sediment	None			None								Inlet completely submerged not surveyable
09/27/18	362	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	44	Open	Wood and Sediment	Dry Fit Stone	Fair		None			Free Fall	> 2 ft above	0.90			
09/27/18	363	River Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Good	48	Open		None			None			Free Fall	> 2 ft above	1.00			
09/27/18	364	River Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	2		Good	43	Open		Dry Fit Stone	Good		None			Free Fall	< 1 ft above	1.00			
09/27/18	365	River Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	32	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair		Free Fall	1 - 2 ft above	0.80			
09/27/18	366	River Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	27	1/2 Full		Dry Fit Stone	Fair		None			At Grade		0.70			Outlet blocked by sediment and debris
09/27/18	367	River Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	30	Open		None			None			At Grade		0.75			
09/27/18	373	River Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	1.5	22.6	Fair	58	Open	Wood and Sediment	Masonry	Good	None	Dry Fit Stone	Good	None	Free Fall	> 2 ft above	0.80	No AOP including adult salmonids	Partially Compatible	
09/28/18	374	River Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1		Good	29	1/4 Full		Dry Fit Stone	Fair		Dry Fit Stone	Fair		At Grade		0.73			
09/28/18	375	River Rd	Insufficient Data		Catch Basin Inlet,				97						None								Catch basin to catch basin parallel with East Thetford Rd under River Rd
09/28/18	376	River Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	2		Good	45	Open		Concrete	Good		Concrete	Poor		Free Fall	> 2 ft above	0.80			
09/28/18	377	River Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	40	Open		None			Dry Fit Stone	Good		At Grade		1.00			
09/28/18	378	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	37	Open		Dry Fit Stone	Fair		None			Free Fall	> 2 ft above	0.50			
09/28/18	379	River Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	1.5	18.3	Fair	38	Open	None	Dry Fit Stone	Fair	fters	Dry Fit Stone	Fair	Culvert, Footers	Cascade	> 2 ft above	0.55			
10/02/18	385	River Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Poor	37	Open		None			None			At Grade		0.50			
10/02/18	386	River Rd	Stream, No HW	1	Round Culvert, Steel-Corrugated	1.5	26.8	Fair	43	Open	Sediment	None		None	None		None	At Grade		0.68	Reduced AOP	Mostly Compatible	
10/02/18	387	River Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.2		Fair	30	Open		None			None			Free Fall	< 1 ft above	0.75			
10/04/18	388	River Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	34	Open		None			None			At Grade		0.50			



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Collection Date	Culvert ID	Road Name	Crossing Type	#	Pipe			Structure Overall		Upstream			Downstream			Results			Comments				
					Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet		Outlet Height	Structure Rating	AOP Score	GC Score
10/04/18	389	River Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	35	1/2 Full		None			None			At Grade		0.75			
10/04/18	390	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	40	1/4 Full		Dry Fit Stone	Fair		None			At Grade		0.40			
10/04/18	391	River Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	40	Open		None			None			Free Fall < 1 ft above		1.00			
10/04/18	392	River Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	38	Open		None			None			At Grade		0.50			
10/04/18	393	River Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	38	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair		At Grade		0.50			
10/04/18	394	River Rd	Insufficient Data												None								Local knowledge culvert been buried for years
10/04/18	397	River Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	48	Open		None			None			At Grade		0.75			
10/04/18	398	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	31	1/4 Full		Dry Fit Stone	Good		None			At Grade		0.70			
10/04/18	402	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Fair	29	Entirely Full	Sediment				Dry Fit Stone	Fair		At Grade		0.30			
10/04/18	403	River Rd	Insufficient Data												None								Completely submerged plus 1 ft of water on top. Backwatered from Connecticut River
10/04/18	404	River Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	40	3/4 Full		None			None			At Grade		0.13			
10/04/18	405	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	49	1/4 Full		Dry Fit Stone	Poor		None			At Grade		0.30			
10/04/18	406	River Rd	Insufficient Data	1	Round Culvert, Steel-Corrugated						Wood and Sediment	None		None	None								Backwatered from Connecticut River outlet submerged cannot find
10/04/18	407	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	40	Open		Dry Fit Stone	Good		None			At Grade		1.00			
10/04/18	408	River Rd	Drainage, 1 HW	1	Catch Basin Inlet, Concrete			Good	41	Open					Concrete	Good		At Grade		1.00			Round plastic smooth pipe
10/02/18	411	River Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Good	32	1/2 Full		Dry Fit Stone	Good		None			At Grade		0.80			
09/14/18	282	Shoestrap Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	30.5	Open		None			None			Free Fall < 1 ft above		1.00			
09/14/18	283	Shoestrap Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	30	Open		Dry Fit Stone	Good		Concrete	Poor		Free Fall < 1 ft above		0.80			
09/14/18	284	Shoestrap Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Poor	27	1/4 Full		Dry Fit Stone	Poor		None			At Grade		0.30			
10/02/18	412	Sloan Ln	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Good	42	1/2 Full		Masonry	Good		Masonry	Fair		At Grade		0.75			
09/21/18	349	Storrs Hill Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.1		Good	34.5	Open		None			None			At Grade		1.00			
09/21/18	350	Storrs Hill Ln	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	32.5	Open		Concrete	Fair		Dry Fit Stone	Fair		At Grade		0.80			
09/21/18	351	Storrs Hill Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.2		Fair	37	Open		None			None			Free Fall < 1 ft above		0.75			
09/21/18	352	Storrs Hill Ln	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	2		Poor	34	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair		At Grade		0.50			
09/21/18	353	Storrs Hill Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Good	54	1/4 Full	Sediment	None			None			At Grade		0.88			
09/21/18	354	Storrs Hill Ln	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.2		Good	60	Open		None			None			At Grade		1.00			
09/21/18	348	Turner Ln	Insufficient Data		Catch Basin Inlet,				42						None								Catch basin inlet and outlet
05/22/18	10	Upper Stone House Mountain Rd	Stream, 1 HW	1	Round Culvert, Steel-Corrugated	2	26.7	Poor	31	Open	Deformation of Culvert	Dry Fit Stone	Fair	None	None		Culvert	Free Fall > 2 ft above	0.50	No AOP including adult salmonids	Fully Incompatible		Culvert rusted out at outlet
09/14/18	295	Washburn Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Fair	40	1/4 Full		Dry Fit Stone	Good		None			At Grade		0.70			
09/14/18	296	Washburn Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.2		Fair	50	Entirely Full		Dry Fit Stone	Fair		None			At Grade		0.30			Pipe exposed in road
09/14/18	297	Washburn Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	39	1/4 Full		Dry Fit Stone	Good		Dry Fit Stone	Good		At Grade		0.93			
09/14/18	298	Washburn Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Fair	39	Open		Dry Fit Stone	Good		None			At Grade		0.80			



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Collection Date	Culvert ID	Road Name	Crossing Type	Pipe				Structure Overall		Upstream				Downstream				Results			Comments		
				#	Shape, Material	Diameter (or W - H)	% Width : Channel Bank Full	Condition	Length	Clogged	Obstruction	US HW Materials	US HW Condition	US Structure Scour	DS HW Materials	DS HW Condition	DS Structure Scour	Grade at Outlet	Outlet Height	Structure Rating		AOP Score	GC Score
09/14/18	299	Washburn Hill Rd	Insufficient Data						55						None								Unable to see pipe. outlets to state catch basin
09/14/18	300	Washburn Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Good	19	1/4 Full		Dry Fit Stone	Good		None			At Grade		0.90			
09/14/18	301	Washburn Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	28	Open		None			Dry Fit Stone	Good		At Grade		0.80			
09/14/18	302	Washburn Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	3		Good	61	Open		None			None			Free Fall	> 2 ft above	1.00			
09/14/18	303	Washburn Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	31	Open	Sediment	Dry Fit Stone	Good		None			Free Fall	> 2 ft above	1.00			Completely blocked on inlet
09/14/18	304	Washburn Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.5		Good	27	Open		Concrete	Good		Concrete	Poor		Free Fall	1 - 2 ft above	0.80			
09/14/18	305	Washburn Hill Rd	Drainage, No HW	2	Round Culvert, Plastic-Smooth	1.5		Good	25	Open		None			None			At Grade		1.00			Culvert right is 1.3 and 3/4 clogged
09/14/18	306	Washburn Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	20	Open		None			None			At Grade		0.50			
09/14/18	307	Washburn Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	4		Good	40	Open		Concrete	Good		Concrete	Good		Free Fall	> 2 ft above	1.00			
09/14/18	308	Washburn Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	28	Open		None			None			Free Fall	< 1 ft above	0.50			
09/14/18	309	Washburn Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.3		Poor	40	Open		Dry Fit Stone	Fair		None			At Grade		0.50			Hole in pipe at edge of road closer to outlet side
09/14/18	310	Washburn Hill Rd	Drainage, 2 HW	1	Round Culvert, Steel-Corrugated	1.5		Fair	20	1/4 Full		Dry Fit Stone	Poor		Dry Fit Stone	Fair		At Grade		0.48			
09/14/18	311	Washburn Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	24.5	Open		Dry Fit Stone	Fair		Dry Fit Stone	Fair		Free Fall	1 - 2 ft above	0.80			
09/14/18	312	Washburn Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1.4		Good	24.5	Open		Dry Fit Stone	Good		None			At Grade		1.00			
09/14/18	313	Washburn Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1.1		Good	25.5	Open		Dry Fit Stone	Fair		Dry Fit Stone	Good		At Grade		0.90			
09/14/18	314	Washburn Hill Rd	Drainage, No HW	1	Round Culvert, Steel-Corrugated	1		Poor	18	Open		None			None			Free Fall	< 1 ft above	0.50			
06/06/18	45	Whipple Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Good	25	Open		Dry Fit Stone	Poor		None			At Grade		0.80			
06/06/18	46	Whipple Hill Rd	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1.3		Poor	29	1/4 Full		None			None			At Grade		0.38			Outlet completely deformed
06/20/18	47	Whipple Hill Rd	Drainage, 1 HW	1	Round Culvert, Plastic-Smooth	1.3		Fair	32	Open		None			Dry Fit Stone	Good		At Grade		0.80			
06/20/18	48	Whipple Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Poor	32	Open		Dry Fit Stone	Poor		None				1 - 2 ft above	0.40			
06/20/18	49	Whipple Hill Rd	Drainage, 1 HW	1	Round Culvert, Steel-Corrugated	1		Poor	23	Open		None			Dry Fit Stone	Poor		At Grade		0.40			
06/20/18	50	Whipple Hill Rd	Wetland, 2 HW	1	Round Culvert, Steel-Corrugated	1.3		Fair	33	Open	None	Dry Fit Stone	Poor	None	Dry Fit Stone	Good	None	Cascade	< 1 ft above	0.75	Reduced AOP		The pool and outlet have man made hydraulic controls, black plastic lining and cascade
06/22/18	67	Whipple Hill Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	6	31.0	Fair	35	Open	None	Concrete	Fair	Culvert and Wing Walls	Dry Fit Stone	Good	Culvert	Free Fall	> 2 ft above	0.63	No AOP including adult salmonids	Mostly Incompatible	D/s after hydraulic control stream flows into Trout Brook
06/22/18	68	Whipple Hill Rd	Stream, 2 HW	1	Round Culvert, Steel-Corrugated	1.7	66.2	Poor	21	1/2 Full	None	Dry Fit Stone	Poor	None	Dry Fit Stone	Poor	Wing Walls	Free Fall	1 - 2 ft above	0.33	No AOP including adult salmonids	Partially Compatible	Driveway culvert 50 ft downstream
06/26/18	80	Whipple Hill Rd	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	1		Good	30.5	Open		Concrete	Fair		Concrete	Good			1 - 2 ft above	0.90			
10/04/18	399	Wilmot Way	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	31	Open		None			None			At Grade		1.00			
10/04/18	400	Wilmot Way	Drainage, 2 HW	1	Round Culvert, Plastic-Smooth	0.8		Good	31	Open		Dry Fit Stone	Good		Dry Fit Stone	Good		At Grade		1.00			
10/04/18	401	Wilmot Way	Drainage, No HW	1	Round Culvert, Plastic-Smooth	1		Good	34	Open		None			None			At Grade		1.00			