SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
TOWN OF CARRABASSETT VALLEY, MAINE
CONDITION OF DRAINAGE INFRASTRUCTURE
December 2018

GOOD
REQUIRES MAINTENANCE
REBUILD OR REPLACE

(1) Height above estmated flood stage predicted by HydroCAD
(2) Expected failure if swale is overtoppped
(3) Condition level:"Blank" - No issues anticipated; "1" - Monitor; "2" - Rebuild

HIGHEST (H+)	4
HIGH (H)	0
MEDIUM (M)	27
LOW (L)	111
UNPRIORITIZED STRUCTURE (US)	259
TOTAL	401

SWALE INVENTORY

SWALE NUMBER	ROAD NAME	ROAD STATION	Date Observed	WIDTH AT BOTTOM (FEET)	WIDTH AT TOP (FEET)	DEPTH (FEET)	SLOPE OF SIDES (X':1')	APPROX. SLOPE OF CHANNEL (%)	CURRENT TYPE OF COVER	ACTION REQUIRED 1=NONE 2=CLEAN 3=REBUILD	COMMENTS	HYDRO CAD MODEL	(1) HEIGHT ABOVE FLOOD ELEVATION	(2) EXPECTED FAILURE	(3) CONDITION LEVEL	IMPORTANT ROAD	PRIORITY LEVEL
1	Access Road	Bus p-lot-rt	Oct-14	0.0	0.0	0.0	0.0	6.0	Sediment	3	Swale does not exist.				2		M
2	Access Road	Below P-Lot 4	Oct-14	2.0	7.0	2.0	1.3	9.0	Grass/Sediment	2	No riprap visible in swale. Natural stone and debri	C			1		L
3	Access Road	Across Lot 5	Oct-14	1.0	11.0	2.0	2.5	8.0	4" Riprap	1	Swale functioning correctly.						US
4	Access Road	See Plan	Aug-15	3.0	11.0	2.0	2.0	5.0	4" Riprap	2	Swale filling with sediment.						US
5	Access Road	Lot 3, lt Bwd	Oct-14	3.0	11.0	1.0	4.0	9.0	Sand	2	Swale full of sand. No riprap visible				1		L
6	Access Road	Rt. Below Lot 5	Oct-14	1.0	5.0	3.0	0.7	5.0	Grass/Sediment	2	Swale filling with sediment.	C			1		L
8	Access Road	Above W. MTN Rd.	Oct-14	1.0	6.0	3.0	0.8	7.0	Grass/Sediment	2	Swale filling with sediment.				1		L
11	Access Road	At W. MTN Rd.	Oct-14	10.0	50.0	1.0	20.0	5.0	Forested	3	Flow through forest.				2		M
11A	Access Road	See Plan	Oct-14	1.0	4.0	1.0	1.5	5.0	Grass	2	Swale filling with sediment.	C			1		L
11B	Winters Way	See Plan	Oct-14	2.0	7.0	5.0	0.5	1.0	Grass	1	Swale functioning correctly.						US
12	Access Road	Below W. MTN Rd. rt	Oct-14	5.0	20.0	10.0	0.8	5.0	Cobble	1	Stream flowing freely.	C					US
13	Access Road	See Plan	Aug-15	2.0	10.0	2.0	2.0	2.5	4" Riprap		Swale functioning correctly.						US
14	Access Road	Opposite Overflow Lot, lt	Oct-14	1.0	3.0	1.0	1.0	5.0	Grass	3	Swale poorly defined.				2	Y	H+
15	Access Road	S. Maintenance Area	Oct-14	1.0	3.0	2.0	0.5	5.0	Grass/Vegetation	2	Swale full of sediment. Poorly defined.				1		L
100	Village Area	See Plan	Oct-14	12.0	30.0	4.0	2.3	7.0	Grass	1	Swale functioning correctly.						US
100A	Village Area		Oct-14	3.0	13.0	5.0	1.0	5.0	Grass		On ski slope	B					US

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101	Village Area	See Plan	Oct-14	15.0	75.0	15.0	2.0	7.0	Grass	1	Swale functioning correctly.	B					US
102	Village Area	See Plan	Oct-14	15.0	47.0	8.0	2.0	7.0	Cobbles/Vegetation	1	Brook flowing freely.	B					US
103	Village Area	See Plan	Oct-14	15.0	51.0	6.0	3.0	7.0	Large Stone	1	Brook flowing freely.						US
104	Village Area	See Plan	Oct-14	6.0	9.3	5.0	0.3	5.0	Cobble/Boulders	1	Brook flowing freely.						US
105	Village Area	See Plan	Oct-14	8.0	36.0	7.0	2.0	7.0	Concrete	1	Water flowing over concrete.						US
106	Village Area	See Plan	Oct-14	10.0	20.0	5.0	1.0	8.0	Brook	1	Brook flowing freely.	B					US
107	Village Area	See Plan	Oct-14	16.5	32.5	8.0	1.0	8.0	Cobble	1	Brook flowing freely.	B					US
111	Village Area	See Plan	Oct-14	2.0	10.0	2.0	2.0	4.0	Grass	1	Swale functioning correctly.	C					US
113	Mait. Lot	See Plan	Aug-15	2.0	4.0	1.0	1.0	0.5	Sediment	1	Swale functioning correctly.	C					US
114	Bucksaw	See Plan	Oct-14	3.0	10.0	6.0	0.6	10.0	Cobble/Sediment/ Debris	2	Some fallen trees in swale.	C			1		L
114A	Bucksaw	See Plan	Oct-14	5.0	20.0	6.0	1.3	3.0	Sediment	1	Swale functioning correctly.	C					US
115	Village Area	See Plan	Oct-14	5.0	27.0	5.5	2.0	5.0	Cobble/Boulders	1	Brook flowing freely.						US
116	Village Area	See Plan	Oct-14	3.5	5.5	2.0	0.5	0.5	Grass	1	Some sediment in bottom of swale. Swale function not greatly affected.						US
117	Village Area	See Plan	Oct-14	6.0	22.0	4.0	2.0	2.0	Sediment/Cobble	1	Some vegetation in swale. Swale function not greatly affected.						US
117A	Access Road	See Plan	Oct-14	1.0	7.0	3.0	1.0	1.0	Grass/Sediment	2	Some sediment in swale.				1		L
118	Village Area	See Plan	Oct-14	4.0	10.0	1.5	2.0	1.0	Grass	1	Swale functioning correctly.						US

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119	Village Area	See Plan	Oct-14	2.0	7.0	3.0	0.8	0.5	Sediment/Grass	1	Swale functioning correctly.						US
120	Village Area	See Plan	Oct-14	4.0	10.0	1.5	2.0	0.5	Sediment	1	Swale functioning correctly.						US
121	Village Area	See Plan	Oct-14	4.0	7.0	1.5	1.0	0.5	Sediment	1	Swale functioning correctly.						US
122	Village Area	See Plan	Oct-14	0.0	10.0	0.5	10.0	12.0	Gravel	1	Not really a swale, more like sheet flow.						US
123	Village Area	See Plan	Oct-14	2.0	6.0	1.5	1.3	1.0	Sediment	2	6" of sediment in bottom of swale.				1		L
124	Village Area	See Plan	Oct-14	1.0	3.0	0.5	2.0	1.0	Grass	3	Barley a swale. Rebuild to avoid parking area from washing out.				2		M
127	Village Area	See Plan	Oct-14	1.0	3.0	1.0	1.0	5.0	Grass	1	Swale functioning correctly.						US
127A	1st Tracks Circle		Oct-14	3.0	15.0	3.0	2.0	1.0	Grass		Condition Unknown						US
128	Village Area	See Plan	Oct-14	1.0	3.0	1.0	1.0		Sediment	2	No riprap visible in swale.	C			1		L
130	Village Area	See Plan	Oct-14	1.0	3.0	1.0	1.0	1.0	Grass/Sediment	1	Swale functioning correctly.						US
133	Village Area	See Plan	Oct-14	1.0	9.0	2.0	2.0	17.0	Grass/Sediment	1	Swale functioning correctly.						US
133A	Mait. Lot	See Plan	Aug-15	1.0	4.0	4.0	0.4	10.0	Grass	1	Swale functioning correctly.						US
133B	Mait. Lot	See Plan	Aug-15	1.0	2.0	1.0	0.5	15.0	Grass/Cobble	1	Swale functioning correctly.						US
134	Village Area	See Plan	Oct-14	4.0	12.0	2.0	2.0	1.0	Cobble	1	Swale functioning correctly.						US
134A	Village Area	See Plan	Aug-15	1.0	3.0	1.0	1.0	1.0	Grass	1	Swale functioning correctly.						US
200	Mountainside Road	11+30 to 11+48, rt	Oct-14	1.0	9.0	2.0	2.0	5.0	Sediment	2	Swale filling with sediment.				1		L

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201	Mountainside Road	11+48, rt	Oct-14	0.0	20.0	0.5	20.0	2.0	Sediment	3	Large amount of sediment in swale, quickly converts to undirected flow				2		M
202	Mountainside Road	11+48 to 12+90, rt	Oct-14	1.0	3.0	2.0	0.5	2.0	Grass	1	Swale functioning correctly.						US
203	Mountainside Road	12+93 to 14+10, rt	Oct-14	2.0	14.0	2.0	3.0	2.0	Grass/Sediment	1	Swale functioning correctly.	C					US
204	Mountainside Road	12+93, lt	Oct-14	2.0	10.0	2.0	2.0	4.0	Bare	2	Swale heavily vegetated.	C			1		L
204A	Evergreen Dr	See Plan	Oct-14	1.0	5.0	1.5	1.3	1.0	Grass/Vegetation	1	Minimal flow.						US
204B	Evergreen Dr	See Plan	Oct-14	1.0	7.0	1.0	3.0	3.0	Grass/Vegetation	2	Swale filling with sediment.				1		L
205	Mountainside Road	12+93 to 14+15, lt	Oct-14	2.0	10.0	2.0	2.0	5.0	Grass	2	Swale heavily vegetated.				1		L
206	Mountainside Road	14+15 to 16+00, rt	Oct-14	2.0	10.0	2.0	2.0	5.0	Grass/Sediment	1	Swale functioning correctly.						US
210	Mountainside Road	16+90 to 17+00, rt	Oct-14	2.0	7.0	1.0	2.5	5.0	Sediment	2	No riprap visible in swale.				1		L
211	Mountainside Road	17+50, lt	Aug-15	1.0	3.0	0.5	1.0	2.0	Bare	1	Swale functioning correctly.						US
212	Mountainside Road	16+50 to 17+90, lt	Oct-14	1.5	5.5	1.0	2.0	3.0	Bare/Grass	1	Swale functioning correctly.						US
213	Mountainside Road	17+69 to 18+80, rt	Oct-14	1.0	10.0	1.0	4.5	1.0	Grass	1	Swale in good condition.						US
215	Mountainside Road	in-406 20+-8, rt	Oct-14	1.5	13.5	2.0	3.0	6.0	Cobble/Sediment	1	Swale in good condition.						US
216	Mountainside Road	out-406 20+08, rt	Oct-14	3.0	11.0	3.0	1.3	5.0	Cobble/Sediment	1	Swale functioning correctly.	B					US
220	Mountainside Road	20+90 to 22+45, rt	Oct-14	1.0	10.0	1.5	3.0	1.0	Grass	1	Swale functioning correctly.					Y	US
223	Mountainside Road	24+25, rt Brook	Oct-14	7.0	20.0	10.0	0.7	9.0	Cobble	1	Brook flowing freely.						US

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224	Mountainside Road	24+25, lf Brook	Oct-14	10.0	50.0	8.0	2.5	9.0	Cobble/Boulders	1	Brook flowing freely.	B					US
225	Mountainside Road	25+66 to 27+30, rt	Oct-14	1.0	7.0	1.5	2.0	5.0	Sediment/Grass	2	Sediment in swale.				1	Y	L
230	Mountainside Road	27+40 to 28+40, rt	Oct-14	2.0	8.0	1.5	2.0	1.5	Grass	1	Swale functioning correctly.						US
232	Mountainside Road	28+80 to 28+90	Oct-14	1.0	7.0	1.5	2.0	1.0	Sediment	2	large amount of sediment built up in swale.				1		L
233	Mountainside Road	29+34, lt Brook	Oct-14	17.5	19.5	0.5	2.0	8.0	Cobble	1	Swale functioning correctly.	B	1.1	X			M
234	Mountainside Road	29+34, rt Brook	Oct-14	12.5	14.5	0.5	2.0	8.0	Cobble	1	Swale functioning correctly.	B	2.4	X			M
234A	Bridge at Woody Creek		Oct-14	19.0	19.0	12.0	0.0	3.0	Cobble		Condition Unknown	B					US
235	Commons	See Plan	Oct-14	1.0	2.0	1.0	0.5	3.0	Grass	1	Swale functioning correctly.						US
236	Commons	See Plan	Oct-14	1.0	3.0	1.0	1.0	5.0	4" Riprap	1	Swale functioning correctly.						US
240	Mountainside Road	30+30 to 30+02, rt	Oct-14	2.0	6.0	1.0	2.0	5.0	Sediment	2	Large amount of sediment in swale.				1	Y	L
242	Mountainside Road	33+02 to 39+00	Oct-14	1.0	7.0	1.5	2.0	8.0	Grass	2	No riprap visible in swale.				1	Y	L
243	Mountainside Road	33+75, lt Stream	Oct-14	3.0	13.0	2.5	2.0	10.0	Cobble	1	Swale functioning correctly.						US
244	Mountainside Road	33+75, lt Stream	Oct-14	1.0	9.0	2.0	2.0	3.0	Sediment	2	No riprap visible in swale.	A			1		L
245	Mountainside Road	33+75 to 34+74, lt	Oct-14	3.0	15.5	2.5	2.5	8.0	Grass/Cobble	1	Swale functioning correctly.	A					US
246	Mountainside Road	35+00 to 35+60, lt	Oct-14	3.0	11.0	2.0	2.0	8.0	12" Riprap	1	Swale has small amount of sediment build up.						US
247	Mountainside Road	35+85 to 37+16, lt	Oct-14	3.0	11.0	2.0	2.0	8.0	12" Riprap	1	Swale has small amount of sediment build up.					Y	US

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248	Mountainside Road	37+46 to 38+70, lt	Oct-14	3.0	11.0	2.0	2.0	8.0	12" Riprap	1	Swale has small amount of sediment build up.					Y	US
250	Mountainside Road	38+50, lt	Oct-14	2.0	12.1	2.3	2.3	2.0	Grass	1	Swale functioning correctly.						US
251	Mountainside Road	39+00 to 40+07, lt	Oct-14	3.0	11.0	4.0	1.0	8.0	Cobble/Grass	1	Swale functioning correctly.					Y	US
252	Mountainside Road	39+50 to 39+80, rt	Oct-14	1.0	9.0	2.0	2.0	6.0	Grass	1	Swale functioning correctly.					Y	US
253	Mountainside Road	40+07 to 42+17, lt	Oct-14	2.0	7.0	1.3	2.0	5.0	Vegetation	2	Swale heavily vegetated.				1	Y	L
254	Mountainside Road	40+07 to 43+00, rt	Oct-14	2.0	10.0	2.0	2.0	5.0	Sediment/Grass	2	No riprap visible in swale.				1	Y	L
256	Mountainside Road	43+00 to 46+20, rt	Oct-14	2.0	10.0	2.0	2.0	10.0	Sediment/Grass	2	No riprap visible in swale.				1	Y	L
260	Mountainside Road	46+58 to 48+90, rt	Oct-14	1.0	7.0	1.5	2.0	5.0	Sediment	2	No riprap visible in swale.				1	Y	L
261	Adams MTN Road	See Plan	Oct-14	1.0	3.0	1.0	1.0	1.0	Grass	1	Swale functioning correctly.						US
262	Mountainside Road	47+00, lt BGLW MTN	Oct-14	2.0	10.0	1.0	4.0	2.0	Sediment	2	No riprap visible in swale.				1	Y	L
263	Mountainside Road	49+30 to 5-+00. lt	Oct-14	3.0	9.0	1.0	3.0	7.0	6" Riprap	1	Some sediment in bottom of swale. Swale function not greatly affected.						US
265	Mountainside Road	50+00 to 50+85, rt	Oct-14	1.5	1.5	1.0	0.0	8.0	Bare	3	Swale functioning. Erosion occurring on sides. Stabilize with 4" riprap.				2	Y	H+
270	Mountainside Road	See Plan	Oct-14	3.0	10.0	3.0	1.2	4.0	Cobble	1	Swale functioning correctly.					Y	US
271	Mountainside Road	51+25 MT Blue	Oct-14	2.0	7.0	5.0	0.5	5.0	Sediment	2	Swale nearly full of sandy sediment				1	Y	L
272	Mountainside Road	52+16	Oct-14	1.0	5.0	2.0	1.0	7.0	Cobble/Grass	1	Swale functioning correctly.						US
273	Mountainside Road	52+16 to 52+75, rt	Oct-14	1.0	7.0	1.5	2.0	5.0	Cobble/Sediment	1	Swale functioning correctly.						US

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274	Mountainside Road	52+80, rt Fox fr	Oct-14	1.0	7.0	2.0	1.5	12.0	Sediment	2	No riprap visible in swale.				1		L
275	Mountainside Road	51+79 to 52+84, lt	Oct-14	2.0	10.0	2.0	2.0	12.0	6" Riprap	1	Light amount of sediment in bottom of swale.					Y	US
280	Mountainside Road	53+24 to 53+59, lt	Oct-14	2.0	10.0	2.0	2.0	12.0	6" Riprap	1	Swale functioning correctly.						US
282	Mountainside Road	54+66 to 55+25, lt	Oct-14	1.0	7.0	1.0	3.0	12.0	4" Riprap/Sediment	2	No riprap visible in swale.				1	Y	L
283	Mountainside Road	54+80 (100', lt)	Oct-14	2.5	6.5	1.0	2.0	1.0	Grass/Sediment	1	Swale functioning correctly.						US
284	Mountainside Road	54+80 to 57+00, rt	Oct-14	1.0	6.0	1.5	1.7	12.0	Sediment	2	No riprap visible in swale.				1	Y	L
285	Mountainside Road	56+00 to 57+20, lt	Oct-14	1.0	4.0	2.0	0.8	12.0	Grass/Sediment	1	Swale functioning correctly.					Y	US
286	Mountainside Road	57+45, LT (Culvert 541)	Oct-14	2.5	10.0	2.0	1.9	8.0	Bare	3	Swale filling with sediment. Reshape and stabilize.				2		M
287	Mountainside Road	57+45, lt to 57+85	Oct-14	2.0	10.0	2.0	2.0	10.0	6" Riprap/Sediment	2	Swale filling with sediment.				1	Y	L
288	Mountainside Road	57+78 to 60+05, rt	Oct-14	1.0	4.0	1.5	1.0	8.0	Sediment/Grass	2	Swale filling with sediment. No riprap visible in swale.				1	Y	L
290	Mountainside Road	58+30 to 60+10, lt	Oct-14	1.0	7.0	2.0	1.5	11.0	4" Riprap	2	Channel beginning to fill with sediment.				1	Y	L
291	Mountainside Road	60+12, lt	Oct-14	1.0	9.5	1.0	4.3	10.0	Sediment/Grass	2	Swale filling with sediment.				1		L
293	Mountainside Road	60+32 to 61+51, rt	Oct-14	1.0	6.0	2.0	1.3	11.0	Sediment	2	No riprap visible in swale.				1	Y	L
294	Mountainside Road	64+14 to 64+25, lt	Oct-14	1.0	17.0	2.0	4.0	11.0	Riprap/Sediment	2	Swale beginning to fill with sediment.				1	Y	L
295	Mountainside Road	64+14, lt	Oct-14	2.0	10.0	2.0	2.0	6.0	Sediment	2	Swale filling with sediment.				1		L
296	Mountainside Road	62+26 to 63+08, rt	Oct-14	0.0	10.0	3.0	1.7	10.0	Sediment	2	Swale full of sediment.				1	Y	L

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
TOWN OF CARRABASSETT VALLEY, MAINE
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GOOD
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REBUILD OR REPLACE

(1) Height above estmated flood stage predicted by HydroCAD
(2) Expected failure if swale is overtoppped
(3) Condition level:"Blank" - No issues anticipated; "1" - Monitor; "2" - Rebuild

HIGHEST (H+)	4
HIGH (H)	0
MEDIUM (M)	27
LOW (L)	111
UNPRIORITIZED STRUCTURE (US)	259
TOTAL	401

SWALE INVENTORY

SWALE NUMBER	ROAD NAME	ROAD STATION	Date Observed	WIDTH AT BOTTOM (FEET)	WIDTH AT TOP (FEET)	DEPTH (FEET)	SLOPE OF SIDES (X':1')	APPROX. SLOPE OF CHANNEL (%)	CURRENT TYPE OF COVER	ACTION REQUIRED 1=NONE 2=CLEAN 3=REBUILD	COMMENTS	HYDRO CAD MODEL	(1) HEIGHT ABOVE FLOOD ELEVATION	(2) EXPECTED FAILURE	(3) CONDITION LEVEL	IMPORTANT ROAD	PRIORITY LEVEL
297	Mountainside Road	See Plan	Oct-14	1.0	3.0	1.0	1.0	5.0	Grass/Sediment	2	Swale beginning to fill with sediment				1	Y	L
300	Mountainside Road	63+28 to 64+00, rt	Oct-14	0.0	10.0	3.0	1.7	11.0	Sediment	2	Swale full of sediment.				1	Y	L
301	Mountainside Road	65+10 to 66+06	Oct-14	5.0	15.0	5.0	1.0	4.0	Bare/Cobble	1	Swale recently rebuilt.					Y	US
302	Hemlock Drive	See Plan	Oct-14	3.0	12.0	3.0	1.5	2.0	Riprap	2	Swale beginning to fill with sediment	A			1		L
303	Mountainside Road	66+24 (Culvert 514)	Oct-14	6.0	14.0	3.0	1.3	7.0	Bare/Cobble	1	Swale functioning correctly.	A					US
304	Mountainside Road	66+06 to 66+60, rt	Oct-14	3.0	13.0	2.5	2.0	4.0	Sediment	2	Significant sediment build up in swale.				1		L
305	Mountainside Road	67+20 to 67+67, rt	Oct-14	2.0	7.0	1.5	1.7	4.0	Bare/Sediment	2	Significant sediment build up in swale.				1		L
306	Mountainside Road	See Plan	Oct-14	1.0	7.0	2.0	1.5	5.0	6" Riprap	1	Swale functioning correctly.					Y	US
310	Willow Drive	10+10 to 12+00, rt	Oct-14	3.0	15.0	3.0	2.0	9.0	Sediment	2	Swale filling with sediment.				1		L
311	Willow Drive	10+10, 11+77, lt	Oct-14	1.5	3.5	0.5	2.0	9.0	Sediment	2	Swale clogged with debris and sediment.				1		L
312	Willow Drive	12+00 to 15+00, lt	Oct-14	0.0	0.0	0.5	0.0	15.0	Bare/Sediment	3	Swale not channelize, road wash out observed.				2		M
314	Willow Drive	12+00 to 15+27, rt	Oct-14	0.0	0.0	0.0	0.0	15.0	No Swale	3	Road widened. Swale filled in.				2		M
317	Willow Drive	15+65 to 17+20, rt	Oct-14	2.0	14.0	2.0	3.0	10.0	Riprap	1	Swale in good condition.						US
318	Willow Drive	17+50 to 18+10, rt	Oct-14	1.0	15.0	1.0	7.0	3.0	Grass	1	Swale in good condition.						US
321	Willow Drive	18+75 to 20+30, rt	Oct-14	1.0	5.0	1.0	2.0	8.0	Bare/Eroded/ Some Grass	3	Swale has no outlet. Road washout observed.				2		M
322	Willow Drive	20+40 to 22+00, rt	Oct-14	1.3	11.8	1.8	3.0	8.0	Sediment/Debris	2	Large amount of debris in swale. Some erosion beyond swale observed.				1		L

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
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323	Willow Drive	21+75 to 275' rt	Oct-14	2.5	2.5	2.0	0.0	8.0	Bare/Eroded	1	Swale functioning correctly.						US
324	Willow Drive	21+75, 275' rt and 23+00, 275'rt	Oct-14	2.0	3.0	1.5	0.3	2.0	Natural Stream	1	Stream flowing freely.						US
325	Willow Drive	23+00,rt to 250' rt	Oct-14	1.0	10.0	1.5	3.0	2.0	Bare/Grass	1	Swale heavily vegetated. Standing water approximately 2 ft. deep.						US
327	Willow Drive	20+37 to 22+00, lt	Oct-14	1.0	5.0	0.5	4.0	8.0	Bare/Grass	1	Swale heavily vegetated.						US
328	Willow Drive	24+77	Oct-14	2.0	8.3	1.3	2.5	8.0	Bare/Vegetation	1	Swale heavily vegetated.						US
329	Willow Drive	23+50, 50'rt 23+00, 100, lt21+50, 100', lt	Oct-14	1.0	6.0	1.3	2.0	5.0	Bare/Eroded	1	Swale heavily vegetated.						US
340	Wangans	10+50 to 11+00, rt	Oct-14	1.0	4.0	2.5	0.6	12.0	Sediment/Grass	2	Swale filling with sediment				1		L
341	Wangans	11+00 to 12+46, rt	Oct-14	1.0	5.0	0.5	4.0	12.0	Sediment/Grass	2	Swale filling with sediment				1		L
342	Wangans	10+50 to 12+00, lt	Oct-14	2.0	10.0	3.0	1.3	12.0	Riprap	1	Swale recently constructed	A					US
344	Wangans	12+25 to 85', lt	Oct-14	3.0	15.0	2.0	3.0	4.0	3" Riprap	1	Swale functioning correctly.						US
345	Wangans	16+00 to 85', lt	Oct-14	3.0	15.0	1.0	6.0	4.0	3" Riprap	1	Swale functioning correctly.						US
350	Walden Circle	10+15 to 14+40, lt	Oct-14	1.0	6.0	0.7	3.8	3.0	Grass	2	Swale full of sediment.				1		L
351	Walden Circle	14+53 to 16+42, rt	Oct-14	1.0	9.0	1.0	4.0	11.0	Bare/Eroded	1	Swale functioning correctly.						US
352	Walden Circle	15+10 to 15+60, lt	Aug-15	1.0	9.0	1.0	4.0	11.0	Sediment/Grass	1	Swale functioning correctly.						US
352A	Moose Mountain	See Plan	Aug-15	2.0	8.0	3.0	1.0	7.0	Grass	1	Swale functioning correctly.						US
353	Walden Circle	16+42, rt Mountainside	Oct-14	1.0	8.0	1.0	3.5	6.0	Grass	1	Swale functioning correctly.						US

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
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354	Walden Circle	16+42, lt Moose MTN	Oct-14	1.0	21.0	0.5	20.0	7.0	Bare/Sediment/ Vegetation	2	Significant vegetation in swale.				1		L
360	Hemlock Drive	10+70 to 12+23, rt	Oct-14	3.0	11.3	3.0	1.4	5.0	Riprap	1	Swale recently constructed						US
361	Hemlock Drive	12+23 to 12+80, rt	Oct-14	2.0	12.0	1.5	3.3	3.0	Sediment	2	Swale full of sediment.				1		L
362	Hemlock Drive	12+80 to 13+50, rt	Oct-14	1.0	1.0	0.5	0.0	1.0	Sediment/ Grass	3	Swale minimal in size.				2		M
363	Hemlock Drive	12+52, lt	Oct-14	6.0	18.0	3.0	2.0	7.0	Bare/Riprap	1	Swale functioning correctly. Some sediment in swale.	A					US
370	Moose Mountain	10+20 to 11+80,lt	Oct-14	1.0	4.0	1.0	1.5	4.0	Grass	2	Swale filling with sediment.				1		L
371	Moose Mountain	12+00, lt	Oct-14	1.0	4.0	0.8	2.0	10.0	Grass	1	Swale has continuous water flow. No erosion observed.						US
372	Moose Mountain	12+00 for 41', rt	Oct-14	1.0	5.0	1.0	2.0	5.0	Minimal	1	Not really a swale, more like sheet flow.						US
373	Moose Mountain	13+00 for 41', rt	Oct-14	1.0	5.0	1.0	2.0	3.0	Minimal Grass	1	Not really a swale, more like sheet flow.						US
375	Moose Mountain	12+90 for 60', rt	Oct-14	1.0	4.0	1.0	1.5	8.0	Minimal Grass	1	Swale functioning correctly.						US
376	Moose Mountain	12+50 for 100', rt	Oct-14	1.0	4.0	1.0	1.5	8.0	Minimal Grass	1	Swale functioning correctly.						US
377	Moose Mountain	11+60, rt	Oct-14	1.0	5.0	1.0	2.0	1.0	Grass	1	Swale functioning correctly.						US
381	Beech Road	11+15 to 12+12, rt	Oct-14	2.0	10.0	2.0	2.0	3.0	Bare/Grass	2	Swale filling with sediment.				1		L
382	Beech Road	13+19, lt	Oct-14	1.5	14.0	2.5	2.5	5.0	Grass	1	Swale functioning correctly.						US
390	Kibby MTN Road	See Plan	Oct-14	1.0	4.0	2.0	0.8	5.0	Sediment	2	Swale full of sediment.				1	Y	L
391	Kibby MTN Road	See Plan	Oct-14	0.0	2.0	0.5	2.0	5.0	Grass	1	Swale functioning correctly.						US

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
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392	Kibby MTN Road	11+50 to 11+71, lt	Oct-14	2.0	9.0	1.8	2.0	5.0	Minimal Cobble	1	Swale functioning correctly.						US
393	Kibby MTN Road	See Plan	Oct-14	1.0	10.0	5.0	0.9	5.0	Grass	1	Swale functioning correctly.						US
394	Kibby MTN Road	See Plan	Oct-14	2.0	6.0	4.0	0.5	2.0	Grass/Sediment	2	Swale beginning to fill with sediment				1		L
395	Kibby MTN Road	See Plan	Oct-14	1.0	2.0	0.2	2.5	5.0	Grass	1	Swale functioning correctly.						US
396	Kibby MTN Road	See Plan	Oct-14	1.0	2.0	0.5	1.0	5.0	Grass	1	Swale functioning correctly.						US
403	Oak Drive	12+20 to 13+50	Oct-14	1.0	10.0	0.8	6.0	1.0	Grass	1	Swale functioning correctly.						US
404	Oak Drive	14+66, rt	Oct-14	1.0	34.0	1.5	11.0	10.0	Riprap/Sediment	1	Swale functioning correctly.						US
405	Oak Drive	14+66 for 97' lt	Oct-14	1.5	1.5	1.5	0.0	2.0	Minimal	1	Swale functioning correctly.						US
411	Fox Fire Road	11+44, lt	Oct-14	1.0	5.5	1.0	2.3	7.0	Cobble/Grass	1	Swale functioning correctly.						US
412	Fox Fire Road	See Plan	Oct-14	1.0	3.0	2.0	0.5	2.0	Grass	1	Swale functioning correctly.						US
413	Mt. Blue Road	See Plan	Oct-14	1.0	2.0	1.0	0.5	2.0	Grass	1	Swale functioning correctly.						US
413A	Mt. Blue Road	See Plan	Aug-15	1.0	2.0	0.5	1.0	3.0	Grass	1	Swale functioning correctly.						US
413B	Bear MTN Road	See Plan	Aug-15	1.0	2.0	1.0	0.5	5.0	Grass	1	Swale functioning correctly.						US
414	Fox Fire Road	See Plan	Oct-14	1.0	4.0	1.0	1.5	2.0	Crushed Stone/Riprap	1	Swale functioning correctly.						US
423	Maple Drive	13+72 for 49' lt	Oct-14	2.0	2.0	1.8	0.0	8.0	Minimal Cobble	1	Swale functioning correctly.	A					US
426	Maple Drive	11+64 to 12+90, lt	Oct-14	1.5	6.5	1.3	2.0	8.0	Sediment/Debris	2	Significant debris in swale. Flow inhibited.				1		L

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432	Mt. Blue Road	11+75 to 13+25, lt	Oct-14	1.0	27.3	1.5	8.8	5.0	Grass	1	Barely a swale. Very minimal in size. No nearby erosion observed.						US
433	Wiffletree	See Plan	Oct-14	1.0	10.0	2.0	2.3	7.0	Grass	1	Swale functioning correctly.						US
440	Deer MTN Road	10+26 to 11+20, rt	Oct-14	1.0	4.0	2.0	2.0	5.0	Grass	1	Swale functioning correctly.\						US
441	Deer MTN Road	11+50 to 12+20, rt	Oct-14	1.0	1.0	0.5	0.0	1.0	Grass	2	No riprap visible in swale. Some standing water.				1		L
442	Deer MTN Road	12+40 to swale 426	Oct-14	1.5	7.5	1.5	2.0	11.0	Sediment/Grass /Cobble	2	Side of swale barley defined.				1		L
443	Deer MTN Road	See Plan	Oct-14	1.0	7.0	2.0	1.5	5.0	Grass	1	Swale functioning correctly.						US
444	Deer MTN Road	12+75 to 13+13, rt	Oct-14	1.5	6.5	1.0	2.5	1.0	Grass/Sediment	1	Minimal sediment in swale.						US
445	Deer MTN Road	13+00 to 14+20, rt	Oct-14	1.0	10.0	1.5	3.0	2.0	Grass	1	Swale functioning correctly.						US
446	Deer MTN Road	14+70 for 40', lt	Oct-14	2.0	9.0	1.8	2.0	5.0	Eroded	2	Swale eroding. Install riprap stabilization.	A			1		L
450	Bear MTN Road	12+00 to 14+00, rt	Oct-14	1.0	10.0	1.5	3.0	5.0	Grass	1	Swale functioning correctly.						US
460	Caribou MTN Road	10+90 to 12+18, rt	Oct-14	1.0	4.0	1.5	1.0	1.0	Sediment/Grass	2	Some standing watering swale. Sediment filling swale.				1		L
461	Caribou MTN Road	See Plan	Aug-15	2.0	8.0	1.5	2.0	3.0	Grass	1	Swale functioning correctly.						US
463	Caribou MTN Road	13+53 CL	Oct-14	1.0	1.0	1.0	0.0	5.0	Grass	2	Swale poorly defined.				1		L
464	Caribou MTN Road	12+18 for 74' lt	Oct-14	3.0	3.0	4.0	0.0	10.0	Sediment/Grass	1	Swale functioning correctly.						US
465	Bigelow MTN Road	See Plan	Oct-14	2.0	5.0	2.0	0.8	10.0	Cobble/Sand	2	Some sand settling in swale.				1		L
471	Adams MTN Road	Out Cul.566 to IN Cul. 567	Oct-14	2.0	2.0	2.0	0.0	5.0	Cobble	1	Swale functioning correctly.						US

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472	Adams MTN Road	MTN Side Culvert	Oct-14	1.0	3.0	1.0	3.0	2.0	Grass	1	Swale functioning correctly.						US
473	Adams MTN Road	In Cul. 566 to 14+50	Oct-14	1.0	4.0	1.5	1.0	2.0	Grass	1	Swale functioning correctly.						US
475	Mountainside Road	See Plan	Oct-14	1.0	8.0	5.0	0.7	5.0	Cobble/Leaves	2	Debris in swale.	A			1		L
480	Bigelow MTN Road	11+24, rt	Oct-14	1.5	7.5	1.5	2.0	2.0	Cobble/Grass	1	Swale functioning correctly.	A					US
481	Bigelow MTN Road	11+27, lt	Oct-14	1.0	3.0	1.0	1.0	5.0	Cobble/Grass	1	Swale functioning correctly.						US
482	Bigelow MTN Road	12+40 to 13+11, rt	Oct-14	0.5	4.5	2.0	1.0	2.0	Grass	1	Swale functioning correctly.						US
483	Burnt MTN Road	See Plan	Oct-14	1.0	3.0	1.0	1.0	5.0	Riprap/Grass	1	Swale functioning correctly.						US
484	Bigelow MTN Road	14+00, rt	Oct-14	2.0	10.0	2.0	2.0	2.0	Riprap	1	Swale functioning correctly.	A					US
485	Bigelow MTN Road	14+48 to 14+74, rt	Oct-14	2.0	9.0	1.8	2.0	1.0	Riprap/Grass	2	Swale beginning to fill with sediment.	A			1		L
486	Bigelow MTN Road	See Plan	Oct-14	1.0	2.0	0.5	1.0	5.0	Grass	1	Swale functioning correctly.						US
487	Burnt MTN Road	See Plan	Oct-14	1.0	20.0	10.0	1.0	20.0	Cobble/Sediment	1	Swale functioning correctly.	A					US
490	Hamlet Circle	See Plan	Oct-14	1.0	4.0	1.0	1.5	5.0	Grass	1	Swale functioning correctly.						US
491	Hamlet Circle	See Plan	Oct-14	1.0	5.0	3.0	0.7	5.0	Cobble/Vegetation	2	Vegetation growing in swale.				1		L
492	Hamlet Circle	See Plan	Oct-14	1.0	2.0	1.0	0.5	5.0	Grass	1	Swale functioning correctly.						US
493	Hamlet Circle	See Plan	Oct-14	1.0	3.0	2.0	0.5	2.0	Grass	1	Swale functioning correctly.						US
495	Hamlet Circle	See Plan	Oct-14	1.0	3.0	1.5	0.7	2.0	Grass	1	Swale functioning correctly.						US

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
TOWN OF CARRABASSETT VALLEY, MAINE
CONDITION OF DRAINAGE INFRASTRUCTURE
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REQUIRES MAINTENANCE
REBUILD OR REPLACE

(1) Height above estmated flood stage predicted by HydroCAD
(2) Expected failure if swale is overtoppped
(3) Condition level:"Blank" - No issues anticipated; "1" - Monitor; "2" - Rebuild

HIGHEST (H+)	4
HIGH (H)	0
MEDIUM (M)	27
LOW (L)	111
UNPRIORITIZED STRUCTURE (US)	259
TOTAL	401

SWALE INVENTORY

SWALE NUMBER	ROAD NAME	ROAD STATION	Date Observed	WIDTH AT BOTTOM (FEET)	WIDTH AT TOP (FEET)	DEPTH (FEET)	SLOPE OF SIDES (X':1')	APPROX. SLOPE OF CHANNEL (%)	CURRENT TYPE OF COVER	ACTION REQUIRED 1=NONE 2=CLEAN 3=REBUILD	COMMENTS	HYDRO CAD MODEL	(1) HEIGHT ABOVE FLOOD ELEVATION	(2) EXPECTED FAILURE	(3) CONDITION LEVEL	IMPORTANT ROAD	PRIORITY LEVEL
500	Burnt MTN Road	11+50 for 100', rt	Oct-14	2.0	8.0	1.5	2.0	5.0	Cobble/Grass	1	Swale functioning correctly.	A					US
500A	Burnt MTN Road	See Plan	Oct-14	1.0	4.0	2.0	0.8	5.0	Cobble/Grass	1	Swale functioning correctly.						US
501	Burnt MTN Road	10+25 to 11+75, rt	Oct-14	1.8	7.8	1.5	2.0	5.0	Riprap	1	Swale functioning correctly.						US
502	Burnt MTN Road	10+25 to 11+75, rt	Oct-14	2.0	2.0	1.0	0.0	5.0	Grass	1	Swale functioning correctly.						US
503	Burnt MTN Road	12+50 for 115', lt	Oct-14	2.0	2.0	1.0	0.0		6" Riprap	1	Swale functioning correctly.						US
504	Burnt MTN Road	12+62 for 147', rt	Oct-14	2.5	7.0	0.8	3.0		6" Riprap	1	Swale functioning correctly.						US
505	Burnt MTN Road	13+00 for 100', rt	Oct-14	2.0	8.0	1.0	3.0		6" Riprap	1	Swale functioning correctly.						US
506	Burnt MTN Road	12+53 for 86', lt	Oct-14	2.0	11.0	1.0	4.5		Grass	2	Swale beginning to fill with sediment. No riprap visible				1		L
508	Mountainside Road	See Plan	Oct-14	4.0	8.0	1.0	2.0	2.0	Sediment	2	Swale full of sediment.				1		L
510	Old Inn	See Plan	Oct-14	1.0	2.0	1.0	0.5	1.0	Grass	1	Swale functioning correctly.						US
513	Olf Inn Road	14+25, cl	Oct-14	12.0	44.0	8.0	2.0	7.0	Cobble/Vegetation	1	Swale functioning correctly.	B					US
520	Crocker MTN Road	10+40 to 11+50, rt	Oct-14	1.0	11.5	1.8	3.0	5.0	Grass	1	Swale functioning correctly.						US
521	Crocker MTN Road	11+50 to 12+30, rt	Oct-14	0.0	6.0	1.0	3.0	7.0	Grass	1	Swale functioning correctly.						US
522	Crocker MTN Road	12+50 to 13+75, rt	Oct-14	1.5	7.5	2.5	1.2	8.0	Cobble/Sediment/Grass	1	Swale functioning correctly.	A					US
523	Crocker MTN Road	14+05 for 5', lt	Oct-14	1.0	10.0	1.0	4.5	7.0	Crashed Stone/Grass	1	Swale functioning correctly.						US
524	Crocker MTN Road	12+25 for 20', lt	Oct-14	2.0	12.0	2.5	2.0	6.0	Cobble/Grass	1	Swale functioning correctly.						US

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
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525	Crocker MTN Road	Outfall	Oct-14	6.0	38.0	8.0	2.0	25.0	Vegetation/Bare	1	Swale functioning correctly.						US
540	Glade Court	See Plan	Oct-14	2.0	8.0	1.5	2.0	2.0	Grass	1	Swale functioning correctly.						US
575	Birchwood	12+50 to 12+90, rt	Oct-14	4.0	9.0	1.3	2.0	2.0	Grass/Sediment	1	Swale functioning correctly.						US
575A	Sugartree	See Plan	Oct-14	1.0	3.0	1.0	1.0	1.0	Grass	1	Swale functioning correctly.						US
576	Birchwood	12+90, 15+50, rt	Oct-14	1.0	3.0	0.5	2.0	2.0	Grass/Sediment	1	Swale functioning correctly.						US
577	Birchwood	14+67, lt	Oct-14	3.0	15.0	3.0	2.0	4.0	Sediment/Cobble	1	Swale functioning correctly.	B					US
578	Birchwood	14+67, rt	Oct-14	3.0	15.0	3.0	2.0	3.0	Cobble	1	Swale functioning correctly.	B					US
579	Birchwood	18+00, rt	Oct-14	3.5	7.5	2.0	1.0	5.0	Sediment/Cobble	1	Swale functioning correctly.	B					US
580	Birchwood	19+21, lt	Oct-14	3.5	9.5	3.0	1.0	4.0	Sediment/Cobble	1	Swale functioning correctly.	B					US
580A	Commons	See Plan	Oct-14	1.0	2.0	0.5	1.0	5.0	Grass	1	Very shallow swale.						US
581	Birchwood	20+37 to 24+00, lt	Oct-14	0.5	3.5	0.8	2.0	3.0	Grass	1	Swale functioning correctly.						US
582	Birchwood	24+57 to 25+80, lt	Oct-14	2.5	7.0	0.8	3.0	10.0	Grass	1	Swale functioning correctly.						US
583	Birchwood	See Plan	Oct-14	4.0	20.0	3.0	2.7	3.0	Cobble	1	Natural brook.						US
584	Birchwood	P-Lot @ Inn	Oct-14	2.0	8.0	0.8	4.0	3.0	Grass	1	Swale functioning correctly.						US
585	Birchwood	See Plan	Oct-14	1.0	5.0	2.0	1.0	1.5	Riprap	1	Swale functioning correctly.						US
586	Birchwood	See Plan	Oct-14	2.5	5.0	1.5	0.8	4.0	Cobble/Sediment	1	See Plan						US

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
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587	Access Road	See Plan	Aug-15	3.0	6.0	3.0	1.0	5.0	Grass	1	See Plan	C					US
600	West Mountain Road	10+00 to 12+00, lt	Oct-14	3.0	11.0	2.0	2.0	2.5	Bare	2	Large amount of sediment and standing water in swale.				1		L
601	West Mountain Road	14+00 tp 16+00, lt	Oct-14	1.0	9.0	2.0	2.0	2.5	Bare/Grass	1	Swale functioning correctly.						US
602	West Mountain Road	17+00 to 18+50, lt	Oct-14	1.0	7.0	1.5	2.0	6.0	Sediment	2	Swale full of sediment. No riprap visible.				1	Y	L
603	West Mountain Road	18+50 to 20+00, lt	Oct-14	1.0	7.0	1.5	2.0	6.0	Sediment	2	Swale full of sediment. No riprap visible.				1	Y	L
604	West Mountain Road	20+70 to 22+00, lt	Oct-14	1.0	9.0	2.0	2.0	8.0	Sediment	2	Swale full of sediment. No riprap visible.				1	Y	L
605	West Mountain Road	22+00 to 23+00, lt	Oct-14	1.0	7.0	1.5	2.0	8.0	Sediment	2	Swale full of sediment. No riprap visible.				1	Y	L
606	West Mountain Road	54+50 to 26+00, lt	Oct-14	1.0	7.0	1.5	2.0	3.0	Sediment	2	Swale full of sediment. No riprap visible.				1	Y	L
607	West Mountain Road	29+50 tp 31+00, lt	Oct-14	2.0	10.0	2.0	2.0	3.0	Sediment	2	Swale full of sediment. No riprap visible.				1	Y	L
608	West Mountain Road	35+25 to 37+00, lt	Oct-14	1.3	6.3	1.3	2.0	10.0	Grass	2	Large amount of sediment in swale.				1		L
609	West Mountain Road	37+00 to 39+00	Oct-14	2.0	10.0	2.0	2.0	10.0	14" Riprap/Grass	2	Some riprap visible, swale filling with sediment.				1		L
610	West Mountain Road	40+45 to 42+45, lt	Oct-14	2.0	10.0	2.0	2.0	8.0	10" Riprap/Grass	2	Some riprap visible, swale filling with sediment.				1		L
611	West Mountain Road	42+50 to 44+00, lt	Oct-14	2.0	8.0	1.5	2.0	1.5	Grass/Stone	1	Swale functioning correctly.						US
612	West Mountain Road	47+00 to 48+85, lt	Oct-14	1.5	7.5	1.5	2.0	2.0	Grass	2	Large amount of sediment in swale.				1	Y	L
613	West Mountain Road	49+80 to 51+40, lt	Oct-14	2.0	10.0	2.0	2.0	3.0	Sediment/Grass	2	No riprap visible. Swale full of sediment.	F			1		L
614	West Mountain Road	See Plan	Aug-15	2.0	10.0	2.0	2.0	4.0	6" Riprap	1	Swale functioning correctly.					Y	US

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
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615	West Mountain Road	53+25 to 54+40, lt	Oct-14	2.0	8.0	1.5	2.0	4.0	Sediment/Grass	2	No riprap visible. Swale full of sediment.				1	Y	L
616	West Mountain Road	54+40 to 55+80, lt	Oct-14	2.5	11.5	1.5	3.0	4.0	Grass	1	Swale functioning correctly.					Y	US
617	West Mountain Road	57+40 to 59+50, lt	Oct-14	2.5	10.5	2.0	2.0	4.0	Grass/Sediment	2	Swale filling with sediment.				1	Y	L
618	West Mountain Road	59+50 to 62+50, lt	Oct-14	2.0	10.0	2.0	2.0	4.0	Sediment	2	Swale filling with sediment.				1	Y	L
619	West Mountain Road	62+50 to 63+50, lt	Oct-14	2.0	10.0	2.0	2.0	5.5	Sediment	2	Swale full of sediment.				1	Y	L
620	West Mountain Road	68+30 to 69+00, lt	Oct-14	1.5	6.0	4.0	0.6	5.0	Grass	1	Newly constructed swale.	H					US
621	West Mountain Road	69+50 to 70+60	Oct-14	1.5	11.5	2.0	2.5	5.0	Grass	1	Swale functioning correctly.						US
622	West Mountain Road	71+80 to 72+50, rt	Oct-14	1.5	9.0	1.5	2.5	13.0	Grass	2	Swale filling with sediment.				1		L
623	West Mountain Road	72+50 to 73+50, rt	Oct-14	1.0	7.0	1.5	2.0	9.0	Gravel/Grass	2	Swale filling with sediment.				1		L
624	West Mountain Road	78+70 to 79+80, rt	Oct-14	1.0	10.0	0.5	9.0	3.0	Sediment/Grass	1	Very shallow swale						US
625	West Mountain Road	P-Lot @ Clubhouse	Oct-14	1.3	5.3	1.0	2.0	0.5	Sediment/Grass	3	Recently cleaned, however no defined/stabilized swale exists.				2		M
626	West Mountain Road	See Plan	Aug-15	8.0	24.0	4.0	2.0	4.0	Riprap/Grass	1	Swale functioning correctly.	F					US
627	West Mountain Road	Below Pond	Oct-14	2.0	12.0	2.5	2.0	2.5	Stone/Vegetation	1	Swale functioning correctly.	F					US
628	West Mountain Road	Interceptor Swale	Oct-14	2.0	12.0	2.5	2.0	2.5	Grass	1	No stone visible. Swale functioning correctly.	F					US
628A	West Mountain Road	Interceptor Swale	Oct-14	2.0	12.0	2.5	2.0	4.5	Grass	1	No stone visible. Swale functioning correctly.	F					US
629	West Mountain Road	Stream	Oct-14	4.0	12.0	2.0	2.0	6.0	Stone/Grass	1	Stream flowing freely.	F					US

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630	West Mountain Road	Interceptor Swale	Oct-14	2.0	10.0	2.0	2.0	4.0	Grass	2	No riprap visible. Swale grassed at surface.	F			1		L
631	West Mountain Road	Interceptor Swale	Oct-14	2.5	2.9	1.0	0.2	6.0	Cobble/Brush	1	Water flow not very channelized.	F	0.4	X			M
632	West Mountain Road	Above Pond	Oct-14	0.0	12.0	2.0	3.0	5.0	Sediment/Vegetation	2	No riprap visible. Channel not well defined.	F			1		L
633	West Mountain Road	S.W Clubhouse	Oct-14	5.0	17.0	6.0	1.0	6.0	Cobble/Vegetation	1	Water flowing freely.	H					US
634	West Mountain Road	S.W Clubhouse	Oct-14	2.0	22.0	5.0	2.0	6.0	Cobble/Vegetation	1	Water flowing freely.	H					US
635	West Mountain Road	S.W Clubhouse	Oct-14	2.0	22.0	5.0	2.0	6.0	Cobble/Vegetation	1	Water flowing freely.	H					US
636	West Mountain Road	S.W Clubhouse	Oct-14	4.0	10.0	3.0	1.0	12.0	Cobble/Vegetation	2	Significant bank erosion occurring.	H			1		L
637	West Mountain Road		Oct-14	6.0	6.0	2.5	0.0	6.0			Condition Unknown	D					US
638	West Mountain Road		Oct-14	5.5	5.5	2.5	0.0	6.0			Condition Unknown	D					US
639	West Mountain Road		Oct-14	6.0	6.0	2.5	0.0	6.0			Condition Unknown	D	0.5	X			M
640	West Mountain Road		Oct-14	8.0	8.0	2.5	0.0	3.0			Condition Unknown	D					US
642	West Mountain Road	34+00 to 35+30, lt	Oct-14	2.0	10.0	2.0	2.0	7.0	Grass	2	Swale filling with sediment.	F	0.2	X	1		M
643	West Mountain Road	44+15 to 47+00, lt	Oct-14	1.5	7.5	1.5	2.0	3.5	Grass/Stone	2	Swale filling with sediment. Small amount of stone visible.				1	Y	L
644	West Mountain Road	See Plan	Oct-14	1.5	8.0	3.0	1.1	10.0	Grass	1	Swale functioning correctly.						US
701	Village on the Green Road	11+00 to 12+75, lt	Oct-14	1.0	7.0	1.5	2.0	7.5	Gravel/Grass	1	Swale functioning correctly.	F					US
702	Village on the Green Road	12+75 to 14+75, lt	Oct-14	1.0	7.0	1.5	2.0	5.0	Gravel/Grass	1	Swale functioning correctly.					Y	US

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703	Village on the Green Road	14+75 to 16+20, lt	Oct-14	1.5	8.5	1.8	2.0	4.0	Gravel/Grass	2	Swale filling with sediment.				1	Y	L
704	Village on the Green Road	16+20 to 18+00, lt	Oct-14	1.5	9.5	2.0	2.0	6.0	Grass	2	Large amount of sediment in swale.	F			1	Y	L
705	Village on the Green Road	18+00 to 19+60, lt	Oct-14	1.5	9.5	2.0	2.0	5.5	6" riprap	1	Swale functioning correctly.	F				Y	US
706	Village on the Green Road	19+60 to 23+50, lt	Oct-14	2.5	11.5	3.0	1.5	4.0	10" Riprap	1	Swale functioning correctly.	F				Y	US
707	Village on the Green Road	23+80 to 28+50, lt	Oct-14	4.0	18.0	3.5	2.0	1.5	Cobble/Grass	1	Swale functioning correctly.	F					US
708	Village on the Green Road	23+60 to 25+75, rt	Oct-14	2.0	12.0	2.5	2.0	2.5	Gravel/Grass	1	Swale functioning correctly.	F					US
709	Village on the Green Road	31+00 to 32+65, lt	Oct-14	0.0	10.5	1.8	3.0	1.5	Grass	1	Swale functioning correctly.						US
710	Village on the Green Road	33+00 to 34+40, rt	Oct-14	0.0	4.0	1.0	2.0	3.0	Sediment/Grass	2	Large amount of sediment in swale.				1		L
711	Village on the Green Road	33+00 to 34+25, lt	Oct-14	2.5	8.5	1.5	2.0	3.5	Grass	1	Swale functioning correctly.	L					US
712	Village on the Green Road	34+50 to 37+30, rt	Oct-14	2.0	6.0	1.0	2.0	3.0	Grass	2	Some sediment beginning to impair swale function.	K			1		L
713	Village on the Green Road	Culvert 70 to 74	Oct-14	5.0	10.0	2.5	1.0	4.0	Cobble/Vegetation	1	Swale functioning correctly.	F					US
714	Village on the Green Road	Below Culvert 74	Oct-14	4.0	4.0	1.8	0.0	3.5	Cobble/Vegetation	1	Swale functioning correctly.	F	0.2	X			M
715	Village on the Green Road	39+00 to 42+55, rt	Oct-14	3.5	11.5	2.0	2.0	3.5	Grass/Vegetation	1	Swale functioning correctly.						US
716	Village on the Green Road	44+00 to 46+00, rt	Oct-14	0.0	3.0	0.8	2.0	7.0	Grass	2	Large amount of sediment in swale.	G	0.01	X	1		M
717	Village on the Green Road	46+00 to 49+60, rt	Oct-14	2.0	12.0	2.0	2.5	10.0	Grass/Vegetation	2	Large amount of sediment in swale.	G			1	Y	L
718	Village on the Green Road	49+60 to 50+80, rt	Oct-14	2.0	8.0	1.5	2.0	4.0	Grass	2	Large amount of sediment in swale.				1	Y	L

SUGARLOAF MOUNTAIN WATERSHED ANALYSIS
TOWN OF CARRABASSETT VALLEY, MAINE
CONDITION OF DRAINAGE INFRASTRUCTURE
December 2018

GOOD
REQUIRES MAINTENANCE
REBUILD OR REPLACE

(1) Height above estmated flood stage predicted by HydroCAD
(2) Expected failure if swale is overtoppped
(3) Condition level:"Blank" - No issues anticipated; "1" - Monitor; "2" - Rebuild

HIGHEST (H+)	4
HIGH (H)	0
MEDIUM (M)	27
LOW (L)	111
UNPRIORITIZED STRUCTURE (US)	259
TOTAL	401

SWALE INVENTORY

SWALE NUMBER	ROAD NAME	ROAD STATION	Date Observed	WIDTH AT BOTTOM (FEET)	WIDTH AT TOP (FEET)	DEPTH (FEET)	SLOPE OF SIDES (X':1')	APPROX. SLOPE OF CHANNEL (%)	CURRENT TYPE OF COVER	ACTION REQUIRED 1=NONE 2=CLEAN 3=REBUILD	COMMENTS	HYDRO CAD MODEL	(1) HEIGHT ABOVE FLOOD ELEVATION	(2) EXPECTED FAILURE	(3) CONDITION LEVEL	IMPORTANT ROAD	PRIORITY LEVEL
719	Village on the Green Road	51+20 to 52+35	Oct-14	2.0	15.5	4.5	1.5	2.0	Grass/Wetland	2	Large amount of sediment in swale.				1	Y	L
720	Village on the Green Road	52+35 to 55+50, rt	Oct-14	2.0	12.8	4.5	1.2	3.0	Grass/Wetland	2	Large amount of sediment in swale.	G			1		L
721	Village on the Green Road	55+90 to 59+00, rt	Oct-14	2.5	13.5	2.8	2.0	5.0	Sediment	2	Large amount of sediment in swale.	E			1	Y	L
722	Village on the Green Road	Behind Condos	Oct-14	4.5	19.5	2.5	3.0	4.0	Wetland	2	Large amount of sediment in swale.	E			1		L
723	Village on the Green Road	56+50 to 57+25. lt	Oct-14	1.5	9.5	2.0	2.0	4.0	Grass/Vegetation	2	Some sediment in swale.				1	Y	L
724	Village on the Green Road	59+00 to 60+00, rt	Oct-14	1.5	8.5	1.8	2.0	8.0	Grass	2	Large amount of sediment in swale.	E			1	Y	L
725	Village on the Green Road	60+00 to 61+30, rt	Oct-14	0.0	4.0	1.0	2.0	9.0	Grass/Trees	1	Swale in forested area.	E					US
726	Village on the Green Road	62+10 to 63+00, rt	Oct-14	1.5	7.5	3.0	1.0	10.0	Cobble/Sediment	1	Swale functioning correctly.	E					US
727	Village on the Green Road	63+65 to 64+50, rt	Aug-15	0.0	4.5	1.5	1.5	11.0	Vegetation	1	Swale functioning correctly.					Y	US
728	Village on the Green Road	64+75 to 66+25, rt	Aug-15	0.0	4.5	1.5	1.5	11.0	Vegetation	1	Swale functioning correctly.	E					US
729	Village on the Green Road	66+70 to 67+90, rt	Aug-15	2.0	9.0	1.8	2.0	6.0	Grass	1	Swale functioning correctly.					Y	US
731	Niblick	See Plan	Oct-14	10.0	100.0	2.0	22.5	5.0	Forest	1	No defined swale.	F					US
732	Niblick	See Plan	Oct-14	1.0	4.0	2.0	0.8	15.0	Grass	1	Swale functioning correctly.	E					US
733	Niblick		Oct-14	1.5	7.5	3.0	2.0	3.0			Condition Unknown	E	0.2	X			M
734	Village on the Green Road	63+50, lt	Oct-14	1.0	6.0	4.0	0.6	2.0	Cobble	1	Stream flowing freely.						US
735	Village on the Green Road	Condos on Right	Oct-14	0.0	4.5	0.8	3.0	2.0	Grass	1	Small swale functioning correctly.	E					US

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736	Village on the Green Road	63+50, rt	Oct-14	0.0	4.5	0.8	3.0	1.0	Grass	1	Small swale functioning correctly.						US
737	Village on the Green Road	10+30 to 10+90, lt	Aug-15	1.0	19.0	4.5	2.0	3.0	Cobble/Vegetation	1	Swale functioning correctly.						US
737A	Village on the Green Road	See Plan	Aug-15	4.0	6.0	10.0	0.1	2.0	Cobble/Vegetation	1	Swale functioning correctly.	G					US
738	Village on the Green Road	11+90 to 12+40, lt	Oct-14	3.0	15.0	2.0	3.0	3.0	Cobble/Vegetation	1	Swale functioning correctly.	G					US
739	Village on the Green Road	10+20 to 12+00, lt	Oct-14	4.0	12.8	1.3	3.5	2.0	Sediment	2	Large amount of sediment in swale.	G			1		L
740	Village on the Green Road	12+40, lt	Oct-14	4.0	32.0	3.5	4.0	2.5	Vegetation/Sediment	2	Large amount of sediment in swale.	G			1		L
741	Village on the Green Road	14+25 to 18+00, lt	Oct-14	0.0	3.8	0.8	2.5	1.5	Grass	3	Swale completely filled with sediment/grassed cover.				2		M
743	Village on the Green Road		Oct-14	10.0	40.0	3.0	5.0	10.0			Condition Unknown	G	0.2	X			M
744	Village on the Green Road		Oct-14	10.0	35.0	2.5	5.0	10.0			Condition Unknown	F	0.5	X			M
802	Snowflower	10+50 to 11+50, lt	Oct-14	6.0	12.0	1.5	2.0	3.0	Sediment/Grass	2	Swale heavily vegetated.				1		L
804	Snowflower	14+50, lt	Oct-14	0.0	6.0	1.5	2.0	2.0	Grass	1	Swale functioning correctly.						US
805	Snowflower	16+00 to 17+50, lt	Oct-14	1.0	4.0	1.0	1.5	5.0	Grass	1	Swale functioning correctly.						US
806	MTN View Road	See Plan	Oct-14	2.0	12.0	1.5	3.3	5.0	Grass	1	Swale functioning correctly.	C					US
807	MTN View Road	See Plan	Oct-14	2.0	10.0	1.5	2.7	5.0	Grass/Vegetation	1	Swale functioning correctly.						US
808	MTN View Road	See Plan	Oct-14	1.0	5.0	3.0	0.7	3.0	Grass	1	Swale functioning correctly.	C					US
809	Snowflower	20+50 to 22+75	Oct-14	1.0	9.0	3.0	1.3	3.0	Cobble	1	Swale functioning correctly.						US

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810	Snowflower	23+75 to 24+75	Oct-14	2.0	6.0	1.0	2.0	2.0	Rock/Grass	1	Swale functioning correctly.						US
811	Snowflower	Behind Units	Oct-14	1.0	5.0	1.5	1.3	3.0	Grass	1	Swale functioning correctly.						US
812	Snowflower	Units 406-410	Oct-14	1.0	13.0	2.0	3.0	2.0	Grass	1	Swale functioning correctly.						US
813	Snowflower	Units 400 to 405	Oct-14	1.0	10.0	1.5	3.0	2.0	Grass	1	Swale functioning correctly.						US
815	Snowflower	Units 420-425	Oct-14	1.0	8.0	1.8	2.0	4.0	Gravel/Grass	1	Swale functioning correctly.						US
820	MTN View Road	See Plan	Oct-14	3.0	15.0	4.0	1.5	7.0	Cobble/Vegetation	1	Swale functioning correctly.	C					US
821	MTN View Road	See Plan	Oct-14	4.0	10.0	1.0	3.0	4.0	Cobble/Vegetation	1	Swale functioning correctly.	C					US
822	MTN View Road	See Plan	Oct-14	2.0	10.0	4.0	1.0	9.0	Cobble/Vegetation	1	Swale functioning correctly.	C					US
860	Woody	See Plan	Oct-14	1.0	3.0	1.0	1.0	5.0	Sediment/Grass	2	Swale very full of sediment.				1		L
861	Woody	See Plan	Oct-14	1.0	7.0	2.0	1.5	5.0	Grass/Sediment	2	Some sediment in swale.				1		L
862	Woody	See Plan	Oct-14	1.0	7.0	1.0	3.0	5.0	Grass	1	Swale functioning correctly.						US
863	Woody	See Plan	Oct-14	5.0	12.0	1.0	3.5	2.0	Grass	1	Swale functioning correctly.						US
864	Woody	See Plan	Oct-14	1.0	6.0	2.0	1.3	5.0	Sediment/Grass	2	Swale very full of sediment.				1		L
865	Woody	See Plan	Oct-14	1.0	7.0	2.0	1.5	5.0	Grass/Sediment	2	Some sediment in swale.				1	Y	L
867	Woody	See Plan	Oct-14	1.0	5.0	2.0	1.0	3.0	Sediment/Grass	2	Some sediment in swale.				1	Y	L
868	Woody	See Plan	Oct-14	1.0	4.0	1.0	1.5	3.0	Sediment/Grass	1	Swale functioning correctly.					Y	US

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869	Woody	See Plan	Oct-14	1.0	7.0	2.0	1.5	3.0	Sediment/Heavy Vegetation	2	Swale full of sediment and vegetation.				1		L
870	Woody	See Plan	Oct-14	1.0	3.0	1.0	1.0	5.0	Cobble/Grass	1	Swale functioning correctly.					Y	US
871	Woody	See Plan	Oct-14	1.0	5.0	1.0	2.0	5.0	Grass	1	Swale functioning correctly.					Y	US
886	Woody	See Plan	Oct-14	1.0	10.0	1.0	4.5	5.0	Grass	1	Swale functioning correctly.						US
900	Access		Oct-14	5.0	17.0	6.0	1.0	2.0	Grass		Condition Unknown						US
901	Access		Oct-14	10.0	34.0	3.0	4.0	2.0	Brook		Condition Unknown						US
902	Access		Oct-14	2.0	18.0	4.0	2.0	2.0	Grass		Condition Unknown						US
903	Stream above Bridge Street		Oct-14	23.0	47.0	12.0	1.0	2.0	Brook		Condition Unknown	O					US
904	Bridge Street		Oct-14	3.0	11.0	2.0	2.0	2.0	Grass		Condition Unknown						US
905	Elderberry Way		Oct-14	3.0	15.0	6.0	1.0	2.0	Grass		Condition Unknown						US
906	Village on the Green Road		Oct-14	8.0	22.0	7.0	1.0	5.0	Cobble		Condition Unknown	G					US
907	Kennebec Circle		Oct-14	2.0	10.0	2.0	2.0	9.8	n=.035		Condition Unknown	I					US
908	Riverside Drive		Oct-14	0.0	8.0	2.0	2.0	11.0	n=.035		Condition Unknown	I				Y	US
909	Riverside Drive		Oct-14	7.0	17.0	5.0	1.0	12.0	Cobble		Condition Unknown						US
910	Kennebec Circle		Oct-14	3.0	9.0	1.5	2.0	11.5	n=.035		Condition Unknown	I					US
911	Sandy River Circle		Oct-14	3.0	9.0	1.5	2.0	17.7	n=.035		Condition Unknown	I					US

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912	Bridge on Bridge Street		Oct-14	23.0	23.0	12.0	0.0	2.0	Cobble		16' long	O					US
1001	Riverside Drive	10+20 to 16+00, lt	Oct-14	1.0	6.0	4.0	0.6	9.0	Grass	1	Swale functioning correctly.					Y	US
1002	Riverside Drive	16+15 to 21+30, lt	Oct-14	0.0	8.0	2.0	2.0	8.9	n=.035	2	Large amount of sediment in swale.	I	0.3	X	1		M
1003	Riverside Drive	See Plan	Oct-14	0.0	8.0	2.0	2.0	11.0	n=.035	3	Swale needs stabilization.	I	0.1	X	2	Y	H+
1004	Riverside Drive	See Plan	Oct-14	1.0	4.0	2.0	0.8	5.0	Grass	2	Swale filling with sediment.				1		L
1005	Penobscot Circle	10+20 to 12+50, rt	Oct-14	4.0	12.0	2.0	2.0	1.0	Grass	1	Swale functioning correctly.						US
1006	Penobscot Circle	14+90 to 16+50, lt	Oct-14	0.0	5.0	1.3	2.0	6.0	Grass	1	Swale functioning correctly.						US
1007	Penobscot Circle	16+75 to 18+00, lt	Oct-14	0.0	12.0	3.0	2.0	5.5	Grass	2	Large amount of sediment in swale.				1		L
1008	Penobscot Circle	19+00 to 20+25, lt	Oct-14	0.0	10.0	2.5	2.0	4.5	Grass	1	Swale functioning correctly.						US
1009	Penobscot Circle	Below Penobscot	Oct-14	2.0	8.0	1.5	2.0	12.5	Cobble/Vegetation	3	Recent land development. Stream not visible in recently developed area.	H			2		M
1200	Snowbrook	See Plan	Oct-14	10.0	30.0	4.0	2.5	5.0	Cobble/Sediment	1	Stream flowing freely.	C					US
1201	Snowbrook	See Plan	Oct-14	2.0	42.0	1.0	20.0	1.0	Grass	1	Swale functioning correctly.						US
1201A	Snowbrook		Oct-14	10.0	42.0	4.0	4.0	4.0	Reed brook		Condition Unknown	C					US
1202	Snowbrook	See Plan	Oct-14	10.0	20.0	2.0	2.5	5.0	Sediment/Vegetation	1	Stream flowing freely.						US
1203	Snowbrook	See Plan	Oct-14	1.0	5.0	2.0	1.0	5.0	Grass	1	Swale functioning correctly.						US
1204	Snowbrook	See Plan	Oct-14	1.0	5.0	2.0	1.0	10.0	Grass	3	Barley a swale.				2		M

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1300	Sandy River Circle		Oct-14	2.0	6.0	1.0	2.0	15.3	n=.035		Condition Unknown	I					US
1301	Sandy River Circle		Oct-14	0.0	8.0	2.0	2.0	17.2	n=.035		Condition Unknown	I					US
1302	Sandy River Circle		Oct-14	0.0	8.0	2.0	2.0	14.2	N=.035		Condition Unknown	I					US
1303	Sandy River Circle		Oct-14	4.0	8.0	1.0	2.0	12.6	n=.035		Condition Unknown	I					US
1304	Sandy River Circle		Oct-14	3.0	11.0	2.0	2.0	1.0	n=.035		Condition Unknown	I					US
1305	Kennebec Circle		Oct-14	3.0	7.0	1.0	2.0	10.0	n=.035		Condition Unknown	I					US
1306	Kennebec Circle		Oct-14	0.0	8.0	2.0	2.0	10.0	n=.035		Condition Unknown	I					US
1307	Sandy River Circle		Oct-14	0.0	8.0	2.0	2.0	16.8	n=.035		Condition Unknown	I					US
1308	Sandy River Circle		Oct-14	0.0	8.0	2.0	2.0	4.0	n=.035		Condition Unknown	I	0.4	X			M
1309	Sandy River Circle		Oct-14	0.0	8.0	2.0	2.0	1.0	n=.035		Condition Unknown	I					US
1310	Black Nubble Lane		Oct-14	4.0	12.0	2.0	2.0	13.0	n=.035		Condition Unknown	I					US
1311	Sandy River Circle		Oct-14	0.0	8.0	2.0	2.0	5.0	n=.035		Condition Unknown	I					US
1312	Riverside Drive		Oct-14	0.0	10.0	0.5	halfcir cle	9.2	n=.035		Condition Unknown	I	0.7	X			M
1313	Riverside Drive		Oct-14	0.0	8.0	2.0	2.0	2.5	n=.035		Condition Unknown	I	0.5	X			M
1314	Kennebec Circle		Oct-14	0.0	8.0	2.0	2.0	6.8	n=.035		Condition Unknown	I					US
1315	Kennebec Circle		Oct-14	0.0	8.0	2.0	2.0	7.5	n=.035		Condition Unknown	I					US

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1316	Riverside Drive		Oct-14	0.0	8.0	2.0	2.0	9.1	n=.035		Condition Unknown	I	0.4	X		Y	H+