			Image / V	ideo #s										
~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings	P/S off	Stream JD not HDD?	DOC Requirer ent	n DOC Reading	DOC Reading- Reqmnt inches	' kmz in	C-kmz iches
0+00	6/18/2019	9:53	2403	2417	1	Pipeline Start	Tie-in to the existing 10" transmission mainline	1.083	3	3'	4'2"	11	1'5"	-3
3+50	6/18/2019					Previous excavation location	Excavated for low CP reading							
24+60	6/18/2019				2	Previous excavation location	Excavated for broken CP test wire							
24+75	6/18/2019				2	CP test station								
26+50	6/18/2019	10:33	2418	2420	2	Road crossing	Mill Pond Road							
33+50	6/18/2019	10:39	2421	2424	2	Stream Crossing	Crossing ID #01, 2012-SC-CM-1 (P)							
51+10						Stream Crossing	Crossing ID #02, 2012-SC-CM-3 (P) (Tributary to Indian Brook)	_						
67+00						CP coupon test station								
80+20						Stream Crossing	Crossing ID #03, 2012-TB-IB-1 (P) (Indian Brook)							
92+60				ļ		Stream Crossing	2012-SC-CM-6 (I)	1						
92+60				ŀ		Trench Breakers	Unknown type of trench breaker installed	4						
94+50	5/10/2010	44.00				Previous excavation location	Excavated for low CP reading							
108+50	6/18/2019	11:00	2425	2428		Previous excavation location	Excavated for broken CP test wire	-						
108+75	6/18/2019					CP test station	2 . 2 . (2 . 1	-						
109+75	6/18/2019				3	Road crossing	Route 2A (Colchester Road)	4						
120+63				ŀ		Previous excavation location	Excavated for wall loss indication, along limited access highway	1						
127+00						Depth of Cover	Area regraded							
130+50 132+00				ŀ		Depth of Cover	Area regraded	-						
132+00				ŀ		Depth of Cover	Area regraded	-						
140+00				ŀ		Depth of Cover	Area regraded							
143+00				ŀ		Depth of Cover	Area regraded	-						
146+25				ŀ		Depth of Cover Depth of Cover	Area regraded	-						
157+75				ŀ		CP test station	Area regraded Along limited access highway							
176+93				ŀ		Previous excavation location	Excavated for dent indication, along limited access highway	1						
189+50				ŀ		Depth of Cover	Area regraded							
192+00	8/28/2019	9:57	2954	2961		Stream Crossing / HWY culvert Crossing ID #04, 2012-TB-IB-2 (P) (Indian Brook)	Small stream; flow south under the HWY		у	7'	7'3"	3	no weld	
192+75						Depth of Cover	Area regraded							
193+75						Depth of Cover	Area regraded							
195+49						Previous excavation location	Excavated for wall loss indication, along limited access highway							
202+00	6/18/2019				4	Depth of Cover	Area regraded							
208+00	6/18/2019	11:21	2429	2434		Depth of Cover	Area regraded			3'	4'7"	19	1'	7
214+75	6/18/2019					Road crossing	Route 15 (Upper Main Street)							
216+50	6/18/2019	12:17	2435	2439		CP test station	Along limited access highway; Bus Broke Down!	Į.						
216+83	6/18/2019				4	Previous excavation location	Excavated for ovality indication, along limited access highway	ļ						
228+52				ļ		Previous excavation location	Excavated for dent indication, along limited access highway	1						
229+75				ŀ		Depth of Cover	Area regraded	4						
230+50						Depth of Cover	Area regraded	4						
239+75				ŀ		Road crossing	Essex Way	4						
240+25						CP test station	Along limited access highway	-						
258+25				ŀ		Stream Crossing	Crossing ID #05, 2012-SC-CM-16 (I)	1						
266+00 285+50				ŀ		Stream Crossing	Crossing ID #06, 2012-TB-AB-1 (P)	-						
301+25				ŀ		Stream Crossing CP test station	Crossing ID #07, 2012-SC-CM-22 (I)	1						
320+07				ŀ		Trench Breakers	Along limited access highway	1						
320+07				ŀ		Trench Breakers	Unknown type of trench breaker installed Unknown type of trench breaker installed	1						
323+50				ŀ		Depth of Cover	Area regraded	1						
324+14				ŀ		Stream Crossing	Crossing ID #08A, 2012-TB-AB (P)	1						
327:14				L		0	0.000m, 10 month 2012   10 month	1						

~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings		Stream JD not HDD?	DOC Requirer	n DOC Reading	paqc	DOC leading- Reqmnt ~ kmz inches depth	DOC-kmz inches
326+50			1			Depth of Cover	Area regraded	1						
328+00						SSD	Along limited access highway							
331+50						Depth of Cover	Area regraded	1						
333+50						SSD	Along limited access highway	1						
333+75						Depth of Cover	Area regraded							
339+00						Depth of Cover	Area regraded							
340+50						Depth of Cover	Area regraded	1						
345+00	6/18/2019				5	Depth of Cover	Area regraded							
346+75	6/18/2019				5	Depth of Cover	Area regraded							
348+20	6/18/2019				5	Trench Breakers	Extra trench breaker installed							
348+50	6/18/2019				5	Depth of Cover	Area regraded							
349+00	6/18/2019	14:29	2447	2453	-	Stream Crossing	Crossing ID #124, 2012-TB-AB-7 (P) (Alder Brook)		У	7'	11'3"		51 no weld	
349+43	6/18/2019				5	Trench Breakers	Extra trench breaker installed							
350+25	6/18/2019					Depth of Cover	Cut out pipe section and re-installed to proper depth.							
351+50	6/18/2019	14:19	2442	2446	5		Edge of cultivated area, by dirt road			5'	5'2"		2 4'5"	9
352+00	6/18/2019					Depth of Cover	Area regraded							
353+50	6/18/2019					Depth of Cover	Area regraded							
355+00	6/18/2019				5	Depth of Cover	Area regraded							
356+00	6/18/2019					CP test station	Ü	1.177						
356+00	6/18/2019	14:03	2440	2441	. 5	Rectifier	Essex							
357+00	6/18/2019				5	Road crossing	Route 117 (River Road)							
361+50						River Crossing	Crossing ID #09, 2012-TB-WR (P) (Winooski River)							
366+40			1			Trench Breakers	Extra trench breaker installed							
366+70			1			Trench Breakers	Extra trench breaker installed							
366+75						Depth of Cover	Area regraded							
366+90						Trench Breakers	Extra trench breaker installed							
367+00						Stream Crossing	Crossing ID #10, 2012-SC-CM-84 (I)							
367+25						Depth of Cover	Area regraded	1						
370+20						Stream Crossing	2012-SC-CM-85 (E)							
370+45			1			Trench Breakers	Bentonite trench breaker not installed							
371+10						Trench Breakers	Bentonite trench breaker not installed							
373+00			1			Railroad crossing								
374+00			1			CP test station	At railroad crossing							
381+74	6/18/2019				6	Trench Breakers	Unknown type of trench breaker installed							
382+60	6/18/2019				6	Trench Breakers	Bentonite trench breaker not installed							
384+00	6/18/2019				6	Trench Breakers	Bentonite trench breaker not installed							
384+60	6/18/2019				6	Trench Breakers	Bentonite trench breaker not installed							
386+15	6/18/2019	15:10	2459	2464	. 6	Trench Breakers	Bentonite trench breaker not installed							
389+50	6/18/2019	15:00	2454	2458	6	Mainline Valve	MLV#1							
397+50						Stream Crossing	Crossing ID #11, 2012-TB/SC-CM-54 (P)							
399+50						CP test station		1						
419+50						Depth of Cover	Cut out pipe section and re-installed to proper depth.							
423+25			1			Depth of Cover	Area regraded							
434+00			1			Depth of Cover	Area regraded	1						
435+75			1			Depth of Cover	Area regraded	1						
440+50			1			Stream Crossing	Crossing ID #12, 2012-SC-CM-57 (I)	1						
440+50			1			Depth of Cover	Cut out pipe section and re-installed to proper depth.	1						
445+25			1			Depth of Cover	Area regraded	1						
452+00			1			SSD		1						
458+00			1			SSD		1						
461+50			1			Depth of Cover	Area regraded	1						
							· · · · · · · · · · · · · · · · · · ·	1						

~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings	P/S off	JD not	DOC Requiren	n DOC Reading	Probed?	DOC Reading- Reqmnt ~ kmz inches depth	DOC-kmz inches
469+00	6/18/2019	15:34	2465	2467	7	Stream Crossing	2012-SC-CM-100 (I)							
474+50	6/18/2019				7	Depth of Cover	Area regraded							
480+50	6/18/2019				7	CP test station								
481+50	6/18/2019	15:42	2468	2469	7	Road crossing	Mountain View Drive							
489+00	6/18/2019				7	Depth of Cover	Area regraded							
491+00	6/18/2019	15:49	2470	2471	7									
492+60	6/18/2019				7	Depth of Cover	Area regraded							
495+00	6/18/2019				7	Depth of Cover	Area regraded							
502+00	6/18/2019	15:57	2472	2476	7		Near populated area							
506+45						Trench Breakers	Bentonite trench breaker not installed							
507+30						Trench Breakers	Bentonite trench breaker not installed							
518+50						CP test station								
518+75						Depth of Cover	Area regraded							
524+50						Depth of Cover	Area regraded							
538+25						Depth of Cover	Area regraded							
539+75						Depth of Cover	Area regraded							
546+57	6/19/2019				1	Trench Breakers	Extra trench breaker installed							
547+00	6/19/2019	10:31	2491	2497	1	Stream Crossing	Crossing ID #116, 2012-TB-ALB-1 (P) (Allen Brook)		У	7'	8'0"		12 no wel	d
547+25	6/19/2019	10:31	2494	2494	1	Re-layed pipe area				3'	11'6"		102 8'10"	8
547+75	6/19/2019				1	Depth of Cover	Cut out pipe section and re-installed to proper depth.							
549+00	6/19/2019	10:37	2498	2500	1	Road crossing	Route 2 (Williston Road)							
551+00	6/19/2019	9:51	2477	2490	1	Gate Station	Williston Gate							
551+00	6/19/2019				1	CP test station								
552+00	6/19/2019				1	Depth of Cover	Cut out pipe section and re-installed to proper depth.							
553+50	6/19/2019				1	Depth of Cover	Cut out pipe section and re-installed to proper depth.							
554+40	6/19/2019	10:42	2501	2502	1	Ag field	Check DOC at Dumont's request			4'	5'4"		16 5'4"	0
565+60						Previous excavation location	Excavated for wall loss indication, farm field							
565+85						Previous excavation location	Excavated for dent, farm field							
585+00						Stream Crossing	Crossing ID #117, 2012-SC-CM-34 (I)							
588+50						Stream Crossing	Crossing ID #15, 2012-TB-CM-35 (P)							
590+25						Stream Crossing	Crossing ID #16, 2012-TB/SC-CM-36 (P)							
598+50						Road crossing	Interstate 89							
605+25						Road crossing	Hurricane Lane							
605+50						CP test station								
617+50	6/19/2019	10:55	2503	2507	2a	Stream Crossing	2013-SC-CM-3 (E) tiny drainage swale with rocks							
617+75	6/19/2019				2a	SSD								
627+50						SSD								
641+50						Depth of Cover	Area regraded							
642+09						Depth of Cover	Area regraded							
642+69						Depth of Cover	Area regraded							
644+34						Depth of Cover	Area regraded							
645+50						Depth of Cover	Area regraded							
645+56						Depth of Cover	Area regraded							
646+14					2	Depth of Cover	Area regraded							
646+75	6/19/2019				2	Depth of Cover	Area regraded							
647+95	6/19/2019				2	Depth of Cover	Area regraded							
649+13	6/19/2019				2	Depth of Cover	Area regraded							
650+26	6/19/2019				2	Depth of Cover	Area regraded							
651+20	6/19/2019	11:14	2515	2516	2		Edge of VELCO			4'	4'4"		4 4'	4
651+47	6/19/2019				2	Depth of Cover	Area regraded							
652+52	6/19/2019	11:16	2517	2518	2	Trench Breakers; under VELCO lines	Unknown type of trench breaker installed			4'	4'9"		9 4'1"	8
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~ Station	Date	Start Time	From#	То#	Site	Description	Comments / Findings	P/S off	Stream JD not HDD?	DOC Requirem	n DOC Reading	peq F	DOC eading- leqmnt ~ kmz inches depth	DOC-kmz inches
652+80	6/19/2019	11:17	2510	2522	2	Swampy area - held water	took vegetation photos per Dumont's request	1,5011			caag	Δ.	menes acpan	
653+27	6/19/2019	11.17	2319	2322		Depth of Cover	Area regraded							
653+90	6/19/2019	11:12	2513	2514		beside road and by VELCO lines	DOC measurement			4'	4'4"		4 no weld	
655+50	6/19/2019	11.12	2313	2314		CP test station	DOC measurement	1		7			4 no weid	
656+00	6/19/2019	11:08	2508	2512		Road crossing	Route 2A (St. George Road)	1						
678+69	0/13/2013	11.00	2300	2312		Previous excavation location	Excavated for wall loss indication	1						
684+90						Depth of Cover	Area regraded	Ī						
686+67						Depth of Cover	Area regraded							
687+27						Depth of Cover	Area regraded	Ī						
700+25						SSD		Ī						
702+52						Depth of Cover	Area regraded							
703+13						Depth of Cover	Area regraded							
719+00	6/19/2019	11:33	2523	2524	3	SSD	Ü							
726+00	6/19/2019	11:39	2525	2526	3	ROW adjacent to VELCO		Ī						
728+00	6/19/2019	11:41	2527	2534	3	Stream crossing	Crossing ID #17, 2012-TB-SB-1 (P) (Sucker Brook)	l	У	7'	8'4"		16 no weld	
754+00	6/19/2019	15:11	2570	2576	8	Stream Crossing (ditch)	2012-SC-CM-39	Ī		3'	4'3"		15 no weld	
754+64	6/19/2019				8	Depth of Cover	Area regraded	l						
756+00	6/19/2019				8	Road crossing	Lincoln Road							
756+25	6/19/2019				8	CP test station								
756+25	6/19/2019	14:49	2555	2561	8	Mainline Valve	MLV#2							
759+67	6/19/2019	14:59	2562	2563	8	Depth of Cover	Area regraded			3'	4'1"		13 4'6"	-5
760+27	6/19/2019				8	Depth of Cover	Area regraded							
760+88	6/19/2019	15:00	2564	2566	8	Depth of Cover	Area regraded			3'	4'0"		12 no weld	
761+47	6/19/2019				8	Depth of Cover	Area regraded							
762+07	6/19/2019	15:05	2567	2569	8	Depth of Cover	Area regraded			3'	4'11"		23 4'4"	7
779+03						Depth of Cover	Area regraded							
779+03						Depth of Cover	Area regraded							
780+58						Depth of Cover	Area regraded							
782+71						Depth of Cover	Area regraded	_						
783+31						Depth of Cover	Area regraded	_						
787+75						CP test station								
788+00						Road crossing	Breezy Valley Lane	1						
800+50						SSD		1						
806+88						Depth of Cover	Area regraded	1						
809+28						Depth of Cover	Area regraded	4						
809+88						Depth of Cover	Area regraded	1						
810+05						Depth of Cover	Area regraded	1						
811+25 815+95						Depth of Cover	Area regraded	-						
						Depth of Cover	Area regraded	-						
819+25 819+79						SSD Depth of Cover	Area regraded	-						
820+82						Previous excavation location	Area regraded Excavated for wall loss indication, near storage units							
821+76								1						
821+76						Previous excavation location  Depth of Cover	Excavated for wall loss indication, near storage units  Area regraded	1						
823+36						Depth of Cover	Area regraded	1						
830+50						Road crossing	Acadia Lane	1						
840+87						Depth of Cover	Area regraded	1						
848+00						SSD	1	1						
850+00						Depth of Cover	Area regraded	1						
850+37						Depth of Cover	Area regraded	1						
850+96						Depth of Cover	Area regraded	1						
			ı				. ·							

DOC-kmz inches

depth

~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings		JD not	DOC Requirem DOC ent Reading	Probed?	DOC Reading- Reqmnt inches
851+42			ĺ			Depth of Cover	Area regraded					
852+02						Depth of Cover	Area regraded					
856+15						Depth of Cover	Area regraded					
863+50						SSD						
867+00						CP test station						
881+53						Depth of Cover	Area regraded					
887+50						Road crossing	Route 2A (St. George Road)					
888+00	8/28/2019	2:14p	3006	3012		SSD	Traced zinc ribbon to SSD at 892+75					
892+75	8/28/2019	2:31p	3013	3014		CP test station / SSD	Halfway between rectifiers off -1.167 on -1.218	1.167				
892+75	6/19/2019	13:57	2544	2547	7	CP test station / SSD	Halfway between rectifiers	1.249				
893+50	6/19/2019	13:57	2543	2543	7	Road crossing	Route 116					
894+00	6/19/2019				7	SSD						
902+55	6/19/2019				7	Trench Breakers	Unknown type of trench breaker installed					
902+98	6/19/2019				7	Previous excavation location	Excavated for wall loss indication, on golf course					
904+50	6/19/2019	14:20	2548	2554	7	Stream Crossing	Crossing ID #19, 2012-SC-PW-42 (P)					
905+65						Trench Breakers	Unknown type of trench breaker installed					
907+00						SSD						
916+11						Depth of Cover	Area regraded					
916+71						Depth of Cover	Area regraded					
917+90						Depth of Cover	Area regraded					
937+40						Depth of Cover	Area regraded					
938+00						Depth of Cover	Area regraded					
942+21						Depth of Cover	Area regraded					
947+75						Road crossing	Hickory Place					
948+00						CP test station						
949+88						Depth of Cover	Area regraded					
962+00	6/19/2019	13:25	2537	2539	4a	N side of DePrags park						
965+70						Depth of Cover	Area regraded					
966+30						Depth of Cover	Area regraded					
966+92						Depth of Cover	Area regraded					
967+53						Depth of Cover	Area regraded					
974+00	6/19/2019	13:34	2540	2542		HDD location - N of Park						
975+32	6/19/2019					Depth of Cover	Area regraded					
975+91	6/19/2019					Depth of Cover	Area regraded					
998+25	6/19/2019				5	Stream Crossing	Crossing ID #20, 2012-SC-JB-10 (P)					
999+75	6/19/2019	13:10	2535	2536	4	Road crossing	Shelburne Falls Road					
1001+50						CP test station						
1028+75						River Crossing	Crossing ID #21, 2012-TB-LPR-1 (P) (LaPlatte River)					
1038+04						Depth of Cover	Area regraded					
1039+23						Depth of Cover	Area regraded					
1039+82						Depth of Cover	Area regraded					
1041+00						SSD						
1041+30						Depth of Cover	Area regraded	1				
1043+10						Depth of Cover	Area regraded	1				
1043+70						Depth of Cover	Area regraded					
1046+50	6/20/2019	10:03	2579	2584		SSD						
1046+75	6/20/2019	10:02	2577	2578		Mainline Valve	MLV#3					
1048+25	6/20/2019				1	Road crossing	Charlotte Road					
1048+75						SSD		1				
1063+00						SSD		1				
1063+18					<u> </u>	Depth of Cover	Area regraded	]				

~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings	P/S off	Stream JD not HDD?	DOC Requirer ent	n DOC Reading	Probed?	DOC Reading- Reqmnt ~ kmz inches depth	DOC-kmz inches
1063+78			1			Depth of Cover	Area regraded	ĺ				_		
1064+37						Depth of Cover	Area regraded							
1067+16						Depth of Cover	Area regraded							
1071+00						CP coupon test station								
						Stream Crossing Crossing ID #123, 2015								
1079+50	8/28/2019	11:19	2962	2975		SC-1 (P) (Tributary to LaPlatte River,	Swampy meadow area, small stream (step across); DOC 9'8"		У	7'	9'8"		no weld	
						previously 2012-AS-CM-3)							32	
1083+19						Depth of Cover	Area regraded							
1101+68						Trench Breakers	Unknown type of trench breaker installed							
1111+93						Depth of Cover	Area regraded							
1114+00	6/20/2019				2	CP test station		1						
1114+50	6/20/2019				2	Road crossing	Baldwin Road							
1116+75	6/20/2019				2	Road crossing	Pinecrest Lane							
1118+70	6/20/2019	10:50	2585	2590	2		Instrument DOC 4'3" to 4'5"; probed 4'3"			4'	4'3"	у	3 4'7"	-4
1120+41	6/20/2019				2	Depth of Cover	Area regraded							
1120+73	6/20/2019					Depth of Cover	Area regraded							
1121+16	6/20/2019				2	Depth of Cover	Area regraded							
1121+58	6/20/2019				2	Depth of Cover	Area regraded							
1121+90	6/20/2019				2	Depth of Cover	Area regraded							
1122+25	6/20/2019				2	Depth of Cover	Area regraded							
1122+59	6/20/2019					Depth of Cover	Area regraded							
1123+70	6/20/2019				2	Depth of Cover	Area regraded							
1124+75	6/20/2019				_	Depth of Cover	Area regraded							
1125+18	6/20/2019				2	Depth of Cover	Area regraded							
1127+36						Depth of Cover	Area regraded							
1136+47						Depth of Cover	Area regraded							
1136+92						Depth of Cover	Area regraded							
1137+37						Depth of Cover	Area regraded							
1137+80						Depth of Cover	Area regraded							
1138+14						Depth of Cover	Area regraded							
1149+43						Depth of Cover	Area regraded							
1150+02						Depth of Cover	Area regraded							
1150+62						Depth of Cover	Area regraded							
1151+07						Depth of Cover	Area regraded							
1151+67						Depth of Cover	Area regraded							
1156+71						Depth of Cover	Area regraded							
1157+91						Depth of Cover	Area regraded							
1179+00	6/21/2019				8	Road crossing	Drinkwater Road							
1181+50	6/21/2019	15:06	2695	2698	8	CP test station		1.281						
1186+00						Stream Crossing	Crossing ID # 118, 2012-SC-PW-38 (P)							
1200+00						Stream Crossing	2012-PW-38 (P) Stream runs parallel with pipe							
1206+75						Stream Crossing	Crossing ID #122, 2012-TB-LC-1 (P) (Lewis Creek)							
1211+25			1			Stream Crossing	Crossing ID #104, 2012-SC-PW-36 (I)							
1217+00			]			Stream Crossing	Crossing ID #120, 2012-SC-PW-33 (I) (North Crossing)							
1220+75						Stream Crossing	Crossing ID #120, 2012-SC-PW-33 (I) (South Crossing)							
1221+00			1			CP test station								
1237+47			1			Depth of Cover	Area regraded							
1244+07			1			Depth of Cover	Area regraded							
1258+00						SSD								
1262+58	6/20/2019				3	Depth of Cover	Area regraded							
1262+78	6/20/2019					Depth of Cover	Area regraded							
								-						

~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings	P/S off	Stream JD not HDD?	DOC Requirem	DOC Reading	DOC Readin Reqmr inches	nt ~ kmz	DOC-kmz inches
1263+99	6/20/2019				3	Depth of Cover	Area regraded							
1267+25	6/20/2019				3	SSD								
1268+50	6/20/2019	11:12	2591	2595	3	ditch	ditch between agricultural fields			4'	5'4"		16 no weld	
1271+50	6/20/2019				3	Stream Crossing	Crossing ID #106, 2012-SC-PW-29 (I)							
1282+00						Depth of Cover	Area regraded							
1288+25	6/20/2019	12:16	2604	2611	4	Stream Crossing ID #107, 2012/2015- TB/SC-PW-28 (P) (Tributary to Lewis Creek, previously 2013-AS-CM-6)	Close to Palmer house; big rocks; good flow							
1288+25	8/28/2019	·		2999		Stream Crossing ID #107, 2012/2015- TB/SC-PW-28 (P) (Tributary to Lewis Creek, previously 2013-AS-CM-6)	Close to Palmer house; big rocks; little flow		у	7'	7'10"		no weld	
1290+90	6/20/2019	12:13	2600	2603		drainage across ROW								
1294+00	6/20/2019	11:57	2596	2599	4	Road crossing	Rotax Road						_	
1294+00	8/28/2019	1:11p	2992	2993		Road crossing	Rotax Road; bottom of ditch			5'	6'4"		16 no weld	
1294+25						CP test station								
1308+00						SSD								
1308+25						Depth of Cover	Area regraded	_						
1308+44						Depth of Cover	Area regraded							
1309+25	8/28/2019		2985	2986		CP test station	-1.215 off -1.262 on	1.215	,					
1309+50	8/28/2019		2976	2982		Mainline Valve	MLV#4							
1309+50	8/28/2019		2983	2984		Rectifier	shunt is -0.1 mv (difference between 0.2 and 0.1) = 0.05 amps output							
	8/28/2019	12:48p	2987	2991		Rectifier	shunt is -0.1 mv (difference between 0.2 and 0.1) = 0.05 amps output							
1312+43						Depth of Cover	Area regraded	_						
1313+57						Depth of Cover	Area regraded	_						
1314+10				ļ.		Depth of Cover	Area regraded							
1320+50						SSD		1						
1368+19						Depth of Cover	Area regraded	1						
1370+00						SSD		1						
1379+00				-		Road crossing	Cedar Lane (private road)	4						
1380+50				-		SSD		4						
1391+00	C /24 /2040	11.12	2602	2504		SSD		4 4 2 5						
1395+50	6/21/2019	14:43	2692	2694		SSD		1.125	,					
1397+75	6/21/2019			ŀ		Road crossing	Hollow Road							
1402+96	6/21/2019				/	Depth of Cover	Area regraded	4						
1406+00				ļ		Stream Crossing	Crossing ID #108, 2012-TB/SC-RS-3 (P)	-						
1417+43				ŀ		Depth of Cover	Area regraded	-						
1417+44 1417+47				}		Depth of Cover	Area regraded	1						
1417+47				ŀ		Depth of Cover Depth of Cover	Area regraded	1						
1417+90				ŀ		Road crossing	Area regraded Post Road	1						
1424+75				ŀ		SSD	FOST RODU							
1424+73				ŀ		Stream Crossing	2012-SC-RS-2 (I)							
1429+64				ŀ		Trench Breakers	Unknown type of trench breaker installed	1						
1434+25				ŀ		Stream Crossing	Crossing ID #109, 2012-TB/SC-RS-1 (P)	1						
1434+23				ŀ		SSD	Crossing to with , 2012 This City I (1)	1						
1474+00				ŀ		SSD		1						
1490+50				ŀ		SSD		1						
1491+00				ŀ		Road crossing	Monkton Road	1						
1512+75				ŀ		CP coupon test station	THORITING THOMAS	1						
1512+73				ŀ		SSD		1		5'				
1525+00				ŀ		CP test station		1		5'				
1020.00			l	L		1	<u> </u>	1		-				

~ Station	Date	Start Time	From#	То#	Site	Description	Comments / Findings	P/S off	Stream JD not HDD?	DOC Requirer ent	n DOC Reading	Probed?	DOC Reading- Reqmnt ~ kmz inches depth	DOC-kmz inches
1533+00	6/21/2019				6	SSD				5'				
1536+26	6/21/2019				6	Trench Breakers	Unknown type of trench breaker installed			5'				
1536+50	6/21/2019	14:16	2685	2691	6	Stream Crossing ID #32, 2012-TB-JB-7 (P) (Tributary to Little Otter Creek)	AKA Old Stage Rd; heavy flow		у	7'				
1536+50	8/28/2019	13:35	3000	3005		Stream Crossing ID #32, 2012-TB-JB-7 (P) (Tributary to Little Otter Creek)	AKA Old Stage Rd, water dam; low flow		У	7'				
1536+50	9/25/2019	14:49	VGS	VGS		Stream Crossing ID #32, 2012-TB-JB-7 (P) (Tributary to Little Otter Creek)	Old Stage Rd - VGS measured DOC after second visit		У	7'	8'5"		17	
1537+46	6/21/2019					Trench Breakers	Unknown type of trench breaker installed			5'				
1547+50	6/21/2019	13:54	2678	2678		Road crossing	Old Stage Road							
1551+25	6/21/2019					SSD								
1553+50	6/21/2019	13:57	2679	2680		Road crossing	Old Stage Road							
1565+25	6/21/2019	14:03	2683	2684		Stream Crossing	2013-AS-SC-RS-1 (I)			5'				
1565+75	6/21/2019	14:03	2681	2682	6	Road crossing	Old Stage Road							
1566+25						CP coupon test station				5'				
1579+25						SSD				5'				
1588+00						SSD				5'				
1588+25	8/27/2019	8:27	2814			Road crossing Parks Hurlburt Road	Parks Hurlburt Road DOC 7' 5" in ditch			5'	7'5"		29 no weld	
1589+00	8/27/2019	8:49	2829	2830		Field	DOC 7'0"			5'	7'0"		24 no weld	
1591+10	8/27/2019	8:51	2831	2832		Field	DOC 5' 9"			5'	5'9"		9 5'7"	2
1593+30	8/27/2019	8:53	2833	2834		Field	DOC 5' 1"			5'	5'1"		1 no weld	
1595+80	8/27/2019	8:55	2835	2836		Field	DOC 5' 11"			5'	5'11"		11 6'1"	-2
1597+89						Depth of Cover	Area regraded			5'				
1597+95	8/27/2019	8:57	2837	2838		Field	DOC 4' 11"			5'				
1598+09						Depth of Cover	Area regraded			5'				
1599+80	8/27/2019	8:59	2839	2840		Depth of Cover	Ag field			5'	5'1"		1 5'4"	-3
1601+60	8/27/2019	9:00	2841	2842			Field			5'	5'10"		10 no weld	
1602+00	8/27/2019	9:03	2845	2855			Near tree line and along ditch; Michael Hurlburt / videos			5'	5'4"		4 no weld	
1602+80	8/27/2019	9:02	2843	2844			S of ditch - low spot in open field			5'	4'7"		-5 no weld	
1605+24						Depth of Cover	Area regraded			5'				
1605+84						Depth of Cover	Area regraded			5'				
1607+20	8/27/2019	9:32	2856	2857			Field s of ditch			5'	5'4"	У	4 5'2"	2
1612+10	8/27/2019	9:38	2858	2861			Ag field			5'	4'10"	у	-2 no weld	
1612+32						Depth of Cover	Area regraded			5'				
1615+32						Depth of Cover	Area regraded			5'				
1618+30	8/27/2019	9:52	2862	2864			Bottom of ditch between fields			5'	5'2"	у	2 no weld	
1633+75	8/27/2019	10:04	2865	2875		Stream Crossing	Crossing ID #111, 2012-SC-RS-5a (P) (Tributary to Little Otter Creek)		У	7'	>6'	У	?? no weld	
1634+75	8/27/2019	10:13	2876	2879		Stream Crossing	Crossing ID #112, 2012-SC-RS-5 (P)			5'	>6'	У	?? no weld	
1641+00	8/27/2019	10:31	2880	2883		Edge of CPS vegetation	edge of field and swamp			5'				
1641+75	8/27/2019	10:51	2884	2890		SSD	northern edge of swamp- approx location of Cisco's video			5'	4'7"	у	-5 no weld	
1642+00						Red Maple/Green Ash Swamp	Approximate start of "Clayplains"							
1642+40	8/27/2019	11:05	2891	2893		weld	GPS location of weld			5'	4'5"	у	- <mark>7</mark> 5'	-7
1642+80	8/27/2019	11:27	2894	2898		weld	GPS location of weld			4'	4'8"	у	8 5'2"	-6
1643+20	8/27/2019	11:34	2899	2900		weld	GPS location of weld			4'	4'9"	у	9 4'9"	0
1644+00	8/27/2019	11:41	2901	2902		weld	GPS location of weld			4'	4'0"	у	0 4'5"	-5
1644+60	8/27/2019	11:44	2903	2904		weld	GPS location of weld			4'	4'0"	У	0 4'5"	-5
1645+20	8/27/2019	11:48	2905	2907		weld	GPS location of weld			4'	3'7"	У	-5 3'6"	1
1645+80	8/27/2019	11:53	2908	2910		weld	GPS location of weld			4'	2'9"	у	-15 3'1"	-4
1646+50	8/27/2019	11:57	2911	2912		weld	GPS location of weld			4'	2'9"	у	-15 3'3"	-6
1646+80	8/27/2019	11:59	2913	2914		weld	GPS location of weld			4'	2'9"	у	-15 3'1"	-4
1647+20	8/27/2019	12:02	2915	2916		weld	GPS location of weld			4'	2'6"	y	-18 3'0"	-6
								-						

~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings	P/S off	Stream JD not HDD?	DOC Require	m DOC Reading	Probed?	DOC Reading- Reqmnt ~ kmz inches depth	DOC-kmz inches
1647+40	8/27/2019	12:04	2917	2918		weld	GPS location of weld	1		4'	2'6"	у	-18 3'1"	-7
1648+10	8/27/2019	12:07	2919	2920		weld	GPS location of weld			4'	2'5"	У	-19 3'2"	-9
1648+40	8/27/2019	12:12	2921	2922		weld	GPS location of weld			4'	2'11"	У	-13 3'5"	-6
1649+30	8/27/2019	12:16	2923	2924		weld	GPS location of weld			4'	3'0"	У	-12 3'2"	-2
1650+25	8/27/2019	12:20	2925	2926		weld	GPS location of weld			4'	3'4"	У	-8 3'10"	-6
1652+05	8/27/2019	13:34	2927	2928		weld	GPS location of weld			4'	4'8"	У	8 4'5"	3
1654+60	8/27/2019	13:40	2929	2930		weld	GPS location of weld			4'	4'4"	У	4 4'6"	-2
1656+25	8/27/2019	13:44	2931	2935		SSD	GPS location of weld			4'	4'5"	У	5 4'1"	4
1658+80	8/27/2019	13:52	2936	2937		weld	GPS location of weld			4'	4'8"	У	8 4'1"	7
1660+40	8/27/2019	14:03	2938	2938		weld	GPS location of weld			4'	4'3"	У	3 4'0"	3
1662+80	8/27/2019	14:07	2939	2940		weld	GPS location of weld			4'	4'4"	У	4 3'8"	8
1665+00	8/27/2019	14:13	2941	2942		weld	GPS location of weld			4'	3'9"	У	-3 3'6"	3
1666+00	8/27/2019	14:16	2943	2943		Red Maple/Green Ash Swamp	Approximate end of "Clayplains"; video				=14 H		40 51411	
1666+50	8/27/2019	14:18	2944	2945		weld	GPS location of weld	_		4'	5'1"	У	13 5'4"	-3
1680+40	8/27/2019	14:29	2946	2949			Bottom of ditch between fields			4'	5'2"	У	14 4'	14
1705+50						Stream Crossing	Crossing ID #113, 2012-TB-LOC-4 (P) (Little Otter Creek)							
1711+00						Road crossing	Plank Road							
1711+50	6/21/2019				5	SSD	Halfway between rectifiers							
1712+80	6/21/2019				5	Depth of Cover	Area regraded							
1712+84	6/21/2019				5	Depth of Cover	Area regraded							
1718+00	6/21/2019					SSD								
1718+25	6/21/2019	13:05	2659	2664	5	Mainline Valve	MLV#5							
1718+25	6/21/2019					Gate Station	Plank Road Gate							
1718+50	6/21/2019					SSD								
1719+00	6/21/2019	13:12	2665	2673		CP coupon test station	Plank Rd Station	1.124						
1719+00	8/27/2019	15:06	2950	2953		CP coupon test station	Plank Rd Station	1.234	l					
1720+20	6/21/2019	13:31	2674	2677	5	- · · · · · · · ·				4'	4'1"	У	1 4'1"	-1
1721+69	6/21/2019				5	Depth of Cover	Area regraded							
1724+00						SSD Death of Course	Anna na madad	-						
1735+16 1736+96						Depth of Cover	Area regraded	4						
				ŀ		Depth of Cover	Area regraded	-						
1737+55 1738+15	+			ŀ		Depth of Cover Depth of Cover	Area regraded Area regraded							
1738+76	+			ŀ		Depth of Cover	Area regraded  Area regraded							
1768+50				ŀ		Road crossing	Quarry Road	1						
1768+75				ŀ		CP test station	Quality Nodu							
1799+00						SSD		1						
1824+60				ŀ		Previous excavation location	Excavated for wall loss indication	1						
1828+50				Ì		Previous excavation location	DCVG Indication							
1831+00				Ì		SSD								
1836+08						Depth of Cover	Area regraded	1						
1842+25	6/21/2019				4	Road crossing	Route 17 (Main Street)	1						
1843+00	6/21/2019	11:45	2648	2648		SSD		1						
1847+25	6/21/2019	11:44	2647	2647	4	Mainline Valve	MLV#6							
1858+00	6/21/2019	11:57	2649	2651	4	ditch with water								
1859+60	6/21/2019	11:59	2652	2653	4	Previous excavation location	Excavated for wall loss indication							
1864+75	6/21/2019	12:02	2654	2658	4	Stream Crossing	Crossing ID #39, 2012-SC-CM-63 (I)							
1873+25						SSD	-	]						
1881+00				[		SSD								
1882+00						Road crossing	Town Hill Road	]						

DOC-kmz inches

depth

~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings	P/S off	Stream JD not HDD?	DOC Requirem DOC ent Reading	Probed?	DOC Reading- Reqmnt inches
1882+75						SSD		1				
1888+75						SSD						
1893+00						Stream Crossing	Crossing ID #40, 2012-TB-CM-62 (P) (Tributary to Little Otter Creek) Stream runs parallel with pipe					
1894+00						Stream Crossing	Crossing ID #41, 2012-TB-CM-62a (P) (Tributary to Little Otter Creek) Stream runs parallel with pipe					
1894+75						Stream Crossing	Crossing ID #42, 2012-TB-CM-62a (P) (Tributary to Little Otter Creek) Stream runs parallel with pipe					
1896+50						Stream Crossing	Crossing ID #43, 2012-TB-CM-62a (P) (Tributary to Little Otter Creek) Stream runs parallel with pipe					
1915+75						CP coupon test station						
1917+75						SSD						
1923+24						Trench Breakers	Bentonite trench breaker not installed					
1924+20						Previous excavation location	Excavated for wall loss indication					
1930+00						SSD						
1939+25						SSD						
1940+00						CP coupon test station						
1965+69						Previous excavation location	Excavated for wall loss indication					
1970+00						CP coupon test station						
1973+25						SSD						
1985+50						SSD						
2002+25						Stream Crossing	2012-SC-CM-61 (E)					
2010+25						CP test station						
2011+00						Road crossing	Hunt Road					
2047+50						CP test station						
2058+50						Stream Crossing	2012-SC-CM-59 (E)					
2077+50						River Crossing	Crossing ID #44, 2012-TB-NH-1 (P) (New Haven River)					
2080+00						SSD						
2089+00	6/21/2019	10:55	2628	2629	3	Close to road						
2092+00	6/21/2019	10:57	2630	2631		Crossing ID #45, 2012-TB/SC-PW-7 (P)	road culvert					
2093+39	6/21/2019	11:10	2635	2637		Previous excavation location	Excavated for mill anomoly indication					
2096+25	6/21/2019				3	SSD						
2096+50	6/21/2019	11:00	2632	2634	3	Crossing ID #46, 2012-TB/SC-PW-6 (P)	a ditch, but has water flow					
2104+08	6/21/2019					Previous excavation location	Excavated for dent					
2109+25	6/21/2019	11:14	2638	2641		Crossing ID #47, 2012-SC-PW-5 (I)	road culvert					
2113+00						SSD						
2113+25	6/21/2019	11:19	2642	2646	3	Crossing ID #48, 2012-TB-PW-4 (I)	road culvert					
2124+00						SSD						
2128+00						Road crossing	Route 7					
2129+50						Road crossing	Belden Falls Road					
2130+00						SSD						
2133+00						SSD		1				
2148+50	6/21/2019	10:24	2624	2627	2	Rectifier		1.27	2			
2162+50						Stream Crossing	Crossing ID #121, 2012-SC-PW-3 (P)	1				
2164+00						Stream Crossing	2014-SC-CM-2 (I)	1				
2172+50						CP coupon test station		_				
2178+77	6/21/2019					Depth of Cover	Area regraded					
2179+50	6/21/2019	10:01	2612	2623		Gate Station	Middlebury Gate					
2179+50	6/21/2019				1	CP test station		1.11	4			

~ Station	Date	Start Time	From#	To#	Site	Description	Comments / Findings	Stream JD not P/S off HDD?	DOC Requirem DOC ent Read	2	DOC-kmz inches
2179+50	6/21/2019				1	Mainline Valve	MLV#7				
2179+88	6/21/2019				1	Pipeline End					

#### HIGHLIGHT LEGEND

Light Green Highlight	Visited on first trip
Light Beige Highlight	Visited on second trip
Light Blue Highlight	Visited on both trips
Darker Green Highlight	Reading was as good or better than required and/or claimed
Yellow Highlight	Reading was not as good as required and/or claimed