#### **KEY AND NOTES FOR TABLE 2**

• 2017 E. Coli data (MPN of E. Coli colonies per 100 mL) is color coded as follows:

0-235
236-1,000
1,001 - 5,000
5,001 - 10,000
10,001 - 20,000
>20,000

• "Locations" requiring follow-up work are color coded as follows:

Dye Testing
CCTV Inspect & Dye Test
Additional Sampling (To be followed By Dye Testing)

Abbreviations are as follows:

CNA	Could Not Access
CNL	Could Not Locate
CNO	Could Not Open
MAX	Maximum
МН	Manhole
MPN	Most Probable Number
NH₃	Ammonia
ND	No Detect
NM	Not Measured
NO	Number
NS	Not Sampleable
OF	Outfall

- "SAMPLE NO." and "SAMPLE RESULT" presented in Table 3 correspond respectively with the "Parameter" and "Result" columns of the Certified Laboratory Results (Appendix B).
- The data in the following tables should be read with the "Sample Results Maps" (Figures 3 7) as a reference.
- Flows coming into "Tertiary Manholes" eventually flow into "Secondary Manholes".
- Flows coming into "Secondary Manholes" eventually flow into "Primary Manholes"
- Flows coming into "Primary Manholes" eventually flow into the Outfall.
- Bolded cells detail which manhole the sample was taken from.
- Outfall Results do not include Nov. 2016 data. Refer to Figure 1 and Table 2 for this information.

				SUB-CATCHMEN	T 8-1												
OUTEALL	DDIAAADV AAU ID#	SECONDARY MH ID#	CECOND A BY AND ID#	SECOND A DV AND ID#	TERTIARY MH ID#	LOCATION	SAMPLE NO.	2017 NH <sub>3</sub>		2017 E.COLI SAMPLE RESULTS (MPN OF COLONIES PER 100 mL) & DATE SAMPLED							
OUIFALL	PRIMARY MH ID#		TERTIART MIT ID#	LOCATION	SAMPLE NO.	RESULT	7/19/2017	7/28/2017	8/17/2017	9/1/2017	9/26/2017	9/27/2017	9/28/2017	10/5/2017	10/17/2017		
8-1				CLAYPIT POND (FROM CULVERT)	OF 8-1	0.30 / 0.30	1,700		800								
	23D042			EMERSON STREET AT CONCORD AVENUE (FLOW FROM CONCORD)	NO SAMPLE						DRY				ı		
	23D042			CONCORD AVENUE AT EMERSON STREET (FLOW FROM EMERSON)	NO SAMPLE						DRY						
	20D042			DOUGLAS ROAD AT LOUISE ROAD (FLOW FROM DOUGLAS)	NO SAMPLE						DRY				1		
	24D001			MYRTLE STREET AT CONCORD AVENUE (FLOW FROM MYRTLE)	NO SAMPLE								DRY				
	24D028			COTTAGE STREET	NO SAMPLE								CNO		1		
	35D036			CONCORD AVENUE	NO SAMPLE										NS		
	23D046			SCHOOL STREET BY ORCHARD STREET (FLOW FROM SCHOOL)	8-1-1 / 8-1-1A	0.3 / 0.25	>20,000		>20,000						1		
	23D046	23D038		ORCHARD STREET AT SCHOOL STREET (FLOW FROM ORCHARD)	NO SAMPLE				NS						i		
	23D046	23D014		SCHOOL STREET AT BOW ROAD (POSSIBLE HOUSE SERVICE)	8-1-2	0.10			500						1		
	23D046	23D014		SCHOOL STREET AT BOW ROAD (FLOW FROM BOW)	8-1-5	0.10			>20,000						l		
	23D046	23D014	19D051	LINCOLN STREET AT BOW ROAD (FLOW FROM LINCOLN)	8-1-4	0.15			1,000						l		
	23D046	23D014	19D054	BOW ROAD AT LINCOLN STREET (FLOW FROM BOW)	8-1-3 / 8-1-7	1.0 / 0.5			>20,000		>20,000				<u> </u>		
	23D046	23D014	19D055	BOW ROAD AT RANDOLPH STREET (FLOW FROM BOW)	NO SAMPLE						NS				i		
	23D046	23D014	19D055	RANDOLPH STREET AT BOW ROAD (FLOW FROM RANDOLPH)	NO SAMPLE						NS		_				
	23D046	23D014.1		SCHOOL STREET AT STONE ROAD (FLOW FROM SCHOOL)	8-1-8	0.20					5,500						
	23D046	23D014.1	19D049	SCHOOL STREET	NO SAMPLE										NS		

				SUB-CATCHMENT	<u>8-2</u>							
OUTEALL	PRIMARY MH ID#	SECONDARY MH ID#	TERTIARY MH ID#	# LOCATION	SAMPLE NO.	2017 NH <sub>3</sub>				N OF COLONIES PER 10		
COTTALL	FRIMART MIT ID#	SECONDART MIT ID#	TEKTIAKT MIT ID#	LOCATION	SAMPLE NO.	RESULT	7/19/2017 7/28/201	8/17/2017	9/1/2017	9/26/2017 9/27/2017	9/28/2017	10/5/2017 10/17/2017
OF 8-2				GODEN STREET AT CONCORD AVENUE (FLOW INTO MH 23D045 FROM GODEN)	OF 8-2	0.30	1,100					
	23D028			GODEN STREET AT ORCHARD STREET (FLOW FROM GODEN)	8-2-3	0.10	900			NS		
	23D028	19D017		GODEN STREET AT FAIRMONT STREET (FLOW FROM GODEN)	NO SAMPLE					NS		
	23D028	19D013		HILLCREST ROAD AT GODEN STREET (FLOW FROM HILLCREST)	NO SAMPLE					DRY		
	23D028	19D013		GODEN STREET AT HILLCREST ROAD (FLOW FROM GODEN)	NO SAMPLE					DRY		
	23D028			GODEN STREET AT ORCHARD STREET (FLOW FROM ORCHARD)	8-2-2	3.0	10,500					
	23D028	23D028.1		GLENDALE ROAD AT ORCHARD STREET (FLOW FROM GLENDALE)	NO SAMPLE					DRY		
	23D028	24D040		ORCHARD STREET (FLOW FROM GLENDALE EASEMENT)	8-2-4	0.10						ND
	23D028	24D016		COMMON STREET AT ORCHARD STREET (4" SERVICE PIPE)	8-2-1	6.0	>20,000					
	23D028	24D016		ORCHARD STREET AT COMMON STREET (FLOW FROM ORCHARD)	NO SAMPLE		NS					
	23D028	24D016		COMMON STREET AT ORCHARD STREET (FLOW FROM COMMON)	NO SAMPLE					DRY		

				SUB-CATCHMENT	<u>8-5</u>								
OUTEALL	DDIAAA DV AAII ID#	CECONDARY MILID#	TERTIARY MH ID#	LOCATION	SAMPLE NO.	2017 NH <sub>3</sub>		100 mL) & DATE SAMPLED					
OUIFALL	PRIMARY MH ID#	SECONDARY MH ID#	IERIIART MH ID#	LOCATION	SAMPLE NO.	RESULT	7/19/2017	7/28/2017	8/17/2017	9/1/2017	9/26/2017 9/27/2017	9/28/2017	10/5/2017 10/17/2017
OF 8-5				BETWEEN GORDON TERRACE & PEARSON ROAD (FLOW INTO MH 30D040.1)	OF 8-5	0.05		7,400					
	30D032			GORDON TERRACE AT EASEMENT (FLOW FROM GORDON)	NO SAMPLE								NS
	25D023			Thomas street at waverley street (flow from thomas)	NO SAMPLE								CNO
	25D004			CHERRY STREET AT WAVERLEY STREET (FLOW FROM WAVERLEY AND CHERRY)	NO SAMPLE						CNO		
	25D004	25D008		WAVERLEY STREET AT BIRCH STREET (FLOW FROM BIRCH)	NO SAMPLE						DRY		
	30D025.1			TOWN FIELD NEAR WAVERLY STREET (FLOW FROM WEST)	NO SAMPLE								CNL
	17D073			ORCHARD STREET AT AMELIA STREET (FLOW FROM ORCHARD)	NO SAMPLE						DRY		
	17D073			ORCHARD STREET AT AMELIA STREET (FLOW FROM AMELIA)	NO SAMPLE						DRY		
	26D007			BEECH STREET AT DREW ROAD (FLOW FROM BEECH)	NO SAMPLE								DRY
	17D047			SLADE STREET AT DREW ROAD (FLOW FROM WEST ON SLADE)	NO SAMPLE						NS		
	17D068			SLADE STREET AT DREW ROAD (FLOW FROM EAST ON SLADE)	NO SAMPLE						DRY		
	17D016			BRETTWOOD ROAD NEAR HASTINGS ROAD (FLOW FROM HASTINGS)	NO SAMPLE		DRY				DRY		
	17D016			BRETTWOOD ROAD NEAR HASTINGS ROAD (FLOW FROM BRETTWOOD)	8-5-1	4.5		12,400					
	17D016	17D009		PIERCE ROAD AT BRETTWOOD ROAD (FLOW FROM PIERCE)	8-5-2	4.5					16,000		
	17D016	17D009		BRETTWOOD ROAD AT PIERCE ROAD (FLOW FROM BRETTWOOD)	8-5-3	0.35					7,400		
	17D027			WASHINGTON STREET (FLOW FROM WASHINGTON & COMMON)	NO SAMPLE			DRY					

				30D-CATC	HMENT 8-6								
						2017 NH3		2017 E.COLI SAMPLE RESU	LTS (MPN O	F COLONIES PER 100 ml	.) & DATE SA	MPLED	
OUTFALL	PRIMARY MH ID#	SECONDARY MH ID#	TERTIARY MH ID#	LOCATION	SAMPLE NO.	RESULT	7/19/2017	7/28/2017 8/17/2017 9/1/2017					11/10/2
OF 8-6				NEAR GORDON TERRACE (CATCH BASIN BY DMH 30D060)	OF 8-6	0.20		14,400					İ
	30D061			BETWEEN PLEASANT STREET AND TRAIN TRACKS	NO SAMPLE							CNA	
	30D061	30D062		BETWEEN PLEASANT STREET AND TRAIN TRACKS	NO SAMPLE							CNO	
	30D061	29D034		BETWEEN PLEASANT STREET AND TRAIN TRACKS	NO SAMPLE							NS	
	29D002			C STREET	NO SAMPLE						DRY		
	27D009			SYCAMORE STREET	NO SAMPLE						DRY		
	27D071			GRANT AVENUE AT C STREET (FLOW FROM GRANT)	NO SAMPLE							CNO	
	27D071	27D070		WHITE STREET AT GRANT AVE (FLOW FROM WHITE)	NO SAMPLE							DRY	
	29D021			DAVIS ROAD AT EASEMENT (FLOW FROM NORTH ON DAVIS)	NO SAMPLE							DRY	1
	29D021			DAVIS ROAD AT EASEMENT (FLOW FROM SOUTH ON DAVIS)	NO SAMPLE							DRY	1
	26D019			BEECH STREET AT EASEMENT (FLOW FROM BEECH)	NO SAMPLE							DRY	1
	26D044			LESLIE ROAD AT CREELEY ROAD (FLOW FROM LESLIE)	NO SAMPLE						DRY	2	1
	26D025			CREELEY ROAD AT FRANCIS STREET (FROM CREELEY)	8-6-5	0.35					ND		1
	26D025	26D032		SLADE STREET AT CREELEY ROAD (FROM SLADE)	NO SAMPLE	0.00					DRY		1
	26D025	16D003		GILBERT ROAD (FLOW INTO CATCH BASIN)	8-6-9	0.10					ND		1
	26D025	12D005		CREELEY ROAD AT GILBERT ROAD (FROM GILBERT)	8-6-8	0.15					100		1
	26D025	12D003		HAMMOND ROAD AT CREELEY ROAD	NO SAMPLE	0.13					DRY		-
	26D025	16D008		GILBERT ROAD AT BAY STATE ROAD (FROM BAY STATE)	NO SAMPLE						NS		+
	26D025	16D005		GILBERT ROAD AT HAMMOND ROAD (FROM GILBERT)	NO SAMPLE		+				NS NS		1
	26D025	100000		CREELEY ROAD AT FRANCIS STREET (FROM EASEMENT)	8-6-6	2.0	+				>20,000		1
		140010				2.0							-
	26D025	14D012		SABINA WAY (NEAR FLETT) WILSON AVENUE (FLOW FROM WILSON)	NO SAMPLE	0.50		17,000			DRY		-
	26D025	14D003	140017	,	8-6-4	0.50		16,800					-
	26D025	14D003	14D016	FLETT ROAD AT WILSON AVE (FLOW FROM FLETT)	8-6-12								20
	26D025	14D003	14D067	FLETT ROAD (FLOW FROM SLADE STREET EASEMENT)	NO SAMPLE								l l
	26D025	14D003	14D067	FLETT ROAD (FLOW FROM TRAPELO ROAD)	8-6-13								10
	26D025	14D003	12D089	TRAPELO ROAD AT SLADE STREET	8-6-14								91
	26D025	14D003	12D075	TRAPELO ROAD	8-6-15								10
	26D025	14D003	12D067	TRAPELO ROAD AT WILLISTON ROAD	8-6-16								N
	26D025	14D003	12D068	TRAPELO ROAD (NEAR COMMON)	8-6-17								N
	26D025	14D003	12D062	TRAPELO ROAD AT COMMON STREET (FLOW FROM COMMON)	8-6-18								N
	26D025	14D003	05D035	WILLOW STREET	NO SAMPLE						DRY		1
	26D025	14D003		WILSON AVENUE (FROM EASEMENT)	8-6-3	0.00		300					
	26D025	14D062		TRAPELO ROAD	NO SAMPLE						NS		
	26D025	14D064		TRAPELO ROAD (FLOW FROM EAST)	8-6-11	0.10						350	4
	26D025	14D064		trapelo road (flow from west)	NO SAMPLE							CAPPED	
	26D025	14D064	14D054	TRAPELO ROAD ACROSS FROM FLETT ROAD	8-6-10	0.00						ND	
	26D025	14D046		TRAPELO ROAD AT HULL STREET (FLOW FROM HULL)	NO SAMPLE						NS		
	26D025	14D064	12D025	HARDING AVENUE (FLOW FROME EASEMENT)	NO SAMPLE						DRY		
	26D025	14D064	12D025	HARDING AVENUE (FLOW FROM HARDING)	NO SAMPLE						DRY		
	26D025	14D060		NEAR BARLETT AVENUE AT ALMA AVENUE	8-6-2	0.25		800					1
	14D060	13D026		PERQUOSSETTE PARK (FLOW FROM BARTLETT AND MAPLE)	8-6-1	0.00		12,750			DRY		
	14D060	13D026		BARTLETT AVENUE	NO SAMPLE			DRY			DRY		
	14D060	13D026	13D024	VINCENT AVENUE	NO SAMPLE							DRY	
	14D060	14D068		MAPLE STREET NEAR BARTLETT AVENUE (8" PIPE)	8-6-7	0.50					>20,000		
	14D060	14D068	13D035	JONATHAN STREET AT BARTLETT AVENUE (FLOW FROM JONATHAN)	NO SAMPLE						DRY		
	14D060	14D068	15D022	BARTLETT AVENUE AT KING STREET (FLOW FROM BARTLETT)	NO SAMPLE						DRY		
	14D068	14D057		CHESTNUT STREET AT MAPLE STREET (FLOW FROM MAPLE)	NO SAMPLE						CNL		
	14D068	14D057	14D042	MAPLE STREET AT WALNUT STREET (FLOW FROM MAPLE)	NO SAMPLE						DRY		
	14D068	14D057	15D026	CHESTNUT STREET AT KING STREET (FLOW FROM KINF)	NO SAMPLE						NS		
	14D068	14D057	15D018	CHESTNUT STREET AT WHITE STREET & RIPLEY (FLOW FROM WHITE)	NO SAMPLE						DRY		1

				SUB-CATCHMENT	<u>10-1</u>											
OUTEALL	DDIAAA DV AALI ID#	CECCAID A BY AND ID#	TERTIARY MH ID#	LOCATION	SAMPLE NO.	2017 NH <sub>3</sub>		2017 SAMPLE RESULTS (MPN OF COLONIES PER 100 mL) & DATE SAMPLED								
OUIFALL	L PRIMARY MH ID# SECONDARY MH ID#	IEKIIAKI MITID#	LOCATION	SAMPLE NO.	RESULT	7/19/2017	7/28/2017	8/17/2017	9/1/2017	9/26/2017	9/27/2017	9/28/2017	10/5/2017	10/17/2017		
OF 10-1				CLAFLIN STREET AT WINN'S BROOK (OPEN CULVERT)	OF 10-1	0		ND								
	48D036			PLEASANT STREET AT CLIFTON STREET (FLOW FROM CLIFTON)	10-1-1	0.5		500								
	34D087			ALEXANDER AVENUE AT CLAFLIN STREET (FLOW FROM CLAFLIN)	10-1-2	NM		100								

				SUB-CATCHMENT	Г 10-2						
OUTEALL	PRIMARY MH ID#	SECONDARY MH ID#	TERTIARY MH ID#	LOCATION	SAMPLE NO.	2017 NH <sub>3</sub>	2017 E.COLI SAMPLE F	RESULTS (MF	N OF COLONIES PER 100 m	nL) & DAT	E SAMPLED
OUIFALL	FRIMART MITTE	SECONDART MITTER	TERTIART MIT ID#	LOCATION	SAMPLE NO.	RESULT	7/19/2017 7/28/2017 8/17/2017	9/1/2017	9/26/2017 9/27/2017 9/2	28/2017	10/5/2017 10/17/20
OF 10-2				LITTLE POND	OF 10-2	0.00		200			
	37D036			BRIGHTON STREET BY HOITT ROAD (FLOW FROM BRIGHTON)	10-2-1	0.00		ND			
	37D036	42D048		COOLIDGE ROAD AT BRIGHTON STREET (FLOW FROM COOLIDGE)	NO SAMPLE				DRY		
	37D036	44D046		ALBERT AVENUE AT BRIGHTON STREET (FLOW FROM ALBERT)	10-2-2	0.00		800			
	37D036	44D046	45D011	ALBERT AVENUE (FLOW FROM ALBERT)	NO SAMPLE				DRY		
	37D036	44D046	45D018	TOBEY ROAD AT PLYMOUTH AVENUE (FLOW FROM TOBEY)	NO SAMPLE				DRY		
	37D036	44D046	45D021	milton street at tobey road (flow from milton)	NO SAMPLE				DRY		
	37D036	44D046	45D021	TOBEY ROAD AT MILTON STREET (FLOW FROM TOBEY)	NO SAMPLE				DRY		
	37D055			WESTLUND ROAD AT WATERHOUSE ROAD (FLOW FROM WESTLUND)	NO SAMPLE			NS			
	37D055			WATERHOUSE ROAD AT WESTLUND ROAD (FLOW FROM WATERHOUSE)	10-2-3	4.00		>20,000			
	37D055	37D042		WATERHOUSE ROAD AT HOITT (FLOW FROM WATERHOUSE)	10-2-7	0.35			1,000		
	37D055	37D042		HOITT ROAD AT WATERHOUSE ROAD (FLOW FROM HOITT)	10-2-6	4.00			>20,000		
	37D055	37D042	37D047	HOITT ROAD	NO SAMPLE						DRY
	38D006			NEWCASTLE ROAD AT STATLER ROAD (FLOW FROM NEWCASTLE)	10-2-10	0.65				150	
	38D006	38D002A		NEWCASTLE ROAD AT ELIOT ROAD (FLOW FROM ELIOT)	NO SAMPLE					CNA	
	38D006	38D002A	38D032	TROY ROAD AT ELIOT ROAD (FLOW FROM TROY)	NO SAMPLE					DRY	
	38D006	38D002A	38D021	CHANNING ROAD AT NEWCASTLE ROAD (FLOW FROM CHANNING)	NO SAMPLE					DRY	
	38D012			WATERHOUSE ROAD AT STATLER ROAD (FLOW FROM WATERHOUSE)	NO SAMPLE			DRY			
	47D018			STELLA ROAD AT PLEASANT STREET (FLOW FROM STELLA)	NO SAMPLE				DRY		
	47D019			PLEASANT STREET AT STELLA ROAD (FLOW FROM PLEASANT)	NO SAMPLE				CNO		
	43D014			monroe street (flow from easement)	10-2-4	0.25		500			
	43D014	44D042		FROST ROAD NEAR CROSS STREET (FLOW FROM FROST)	NO SAMPLE					CNO	
	43D014	44D040		FROST ROAD NEAR CROSS STREET (FLOW FROM FROST)	NO SAMPLE					DRY	
	43D014	44D024		MIDDLECOT STREET AT HURLEY STREET (FLOW FROM MIDDLECOT)	10-2-8	0.00			100		
	43D014	44D027		HURLEY STREET (FLOW FROM HURLEY)	NO SAMPLE					DRY	
	43D014	44D011		COWDIN STREET (FLOW FROM EASEMENT)	10-2-9	0.35				200	
	43D014	43D020		MUNROE STREET AT CLAFLIN STREET (FLOW FORM CLAFLIN)	NO SAMPLE				DRY		
	42D024			ROAD STREET AT CROSS STREET (FLOW FROM BROAD)	NO SAMPLE						NS
	43D034			DEAN STREET AT CHILTON STREET (FLOW FROM DEAN)	10-2-5	NM		ND			
	43D002			CHILTON STREET AT DEAN STREET (FLOW FROM CHILTON)	NO SAMPLE			DRY			
	37D029			SHERMAN STREET	NO SAMPLE						NS
	34D099			Sherman Street at Dean Street (flow from Sherman)	NO SAMPLE			DRY			
	34D099	37D103		DEAN STREET BY SHERMAN STREET (FLOW FROM DEAN)	NO SAMPLE					NS	NS
	34D099	34D006		SHERMAN STREET NEAR WINN STREET (FLOW FROM SHERMAN AND WINN)	NO SAMPLE					DRY	
	34D099	34D002		Sherman Street at Farnham Street (FLOW FROM Farnham)	NO SAMPLE					DRY	