



Stantec Consulting Services Inc.
5 Burlington Woods Drive Suite 210, Burlington MA 01803-4542

July 31, 2019

Attention: Todd Borci
US EPA Region I – New England
5 Post Office Square – Suite 100
Boston, MA 02109-3912

Subject: Town of Belmont
ORDER ON CONSENT Docket No. CWA-AO-R01-FY17-11
Report On Compliance

Dear Mr. Borci,

In accordance with the above referenced Order On Consent, we are submitting the following Report On Compliance (ROC) dated July 31, 2019, which describes activities conducted from February 1, 2019 through July 31, 2019 associated with the Wellington Brook and Winn's Brook areas in the Town of Belmont. The reporting period was extended through July 31st, for this report, to include critical follow up sampling results where rehabilitation was conducted. These two areas are designated as sub-catchments 8 and 10, respectively. This report also includes activities associated with sub-catchments 9A, 11, 11A, 12, 15 & 15A. Refer to the November 2017 Investigation of the Winn's Brook and Wellington Brook Tributary Areas report and the January 2018 Report On Compliance for complete figures of each sub-catchment area. Approximately 504 gallons per day (GPD) of sewage were removed from the storm drain system within this reporting period.

V.1.a ILLICIT DISCHARGES IDENTIFIED

Sub-catchment 8-1

Completed

The direct connection to the drain at #71 Bow Rd was redirected to the sewer main in July 2019. This work was anticipated to be completed sooner, but weather, Town procurement restrictions and Contractor coordination/schedule delayed the work. The two sewer service laterals located at 16 & 28 Randolph St were lined in March 2019.

Follow up wet weather sampling was conducted on July 24, 2019 to identify post removal of contamination sources improvements. Sample results improved from 30,000 to 8,900 E. coli/100mL at Bow Rd and School St and 30,000 to 1,500 E. coli/100mL at Bow Rd at Randolph St. Significant improvements are evident from the sampling but are still elevated. The sampling was conducted a week after the repairs were completed, so residual contamination from the direct connections may still need to be flushed out.



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An estimated 294 GPD of sewage was removed from the storm drain, which included one direct connection (210 GPD) and 2 indirect connections (20% of 210 GPD per house).

Planned

Dry weather Outfall/tributary sampling will be conducted to monitor the improvements of the repairs and additional investigations will be implemented as necessary.

Sub-catchment 8-2

Completed

The 4-inch underdrain service connected to drain manhole 24D016 was mechanically plugged and capped in July 2019. All samples downstream of the removed contamination source were below 300 E. coli/100mL.

Planned

This sub-catchment area has been cleared as a source of contamination but will be monitored in the future.

Sub-catchment 8-5

Completed

Recent sampling results show contamination levels in areas that were rehabilitated (Homer Rd, Brettwood Rd and Pierce Rd) have dropped below 500 E. coli/100 mL.

The last 2 samples at Outfall 8-5 were 1,200 and 2,200 E. coli/ 100 mL, a significant decrease from the pre-repair sampling result of 7,400 E. coli/100 mL.

Planned

Outfall/Tributary sampling in sub-catchment 8-5 will continue to confirm the sources of contamination have been mitigated. Additional investigations will be implemented as necessary

Sub-catchment 8-6

Completed

No additional work has been completed. Evaluation of Maple St, Bartlett Ave and Trapelo Rd are still on going and rehabilitation work proposed will be incorporated in upcoming future projects.

Maple St

Previous CCTV inspection of an unknown 6-inch pipe connecting to the storm drain along Maple St utilized a push camera and was able to inspect approximately 66 feet of pipe, where the camera could not proceed further due to a bend in the pipe. Follow-up CCTV inspection was



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attempted with a track camera, however the inspection was unsuccessful due to a bend at 5 ft (toward sewer). The pipe origin remains unknown.

The sewer mainline at Bartlett Ave flowing east at Maple St is the only unlined mainline in the vicinity. This section was dyed-water flooded and the 6-inch pipe was monitored with no dye observed. Three of the first four houses upstream of this service were also dyed-water tested and no dye was observed from the drain service. The remaining service at #3/5 Jonathan St was attempted on January 25, 2019 but was unable to be completed due to surcharged conditions of the sewer system on Bartlett Ave. The surcharge conditions were likely induced by a rain event the prior day along with warmer temperatures causing significant snow melt.

Upon review of plan and profile information of the 6-inch pipe, it was determined that this service is an undocumented underdrain. The Town has installed a temporary plug in the service to ensure no services are connected. Once confirmed that no services are connected, a permanent plug will be installed, or the pipe will be disconnected from the drain manhole.

Bartlett Ave

Four services connected to the 12-inch storm drain in Bartlett Ave correspond to a catch basin and none of those connections are sewer services.

Trapelo Rd

No additional investigations were completed this period.

Planned

Maple St

The 6-inch drain services will be permanently disconnected from the drain upon determination that no services are connected to the 6-inch drain.

Bartlett Ave

Due to fluctuating sampling results, it appears that occasional surcharging conditions on Bartlett Ave may be contributing to contamination in the adjacent storm drain, lining the sewer in future lining contracts will be evaluated.

Trapelo Rd

Adding additional storm drain manholes on the 15-inch drain on Trapelo Rd and CIPP lining the mainline will be evaluated and included in future lining contracts.

Outfall and tributary sampling will continue to be monitored to further pinpoint the sources of contamination.



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Sub-catchment 10-2

Completed

Follow up sampling was conducted downstream of the areas that have been rehabilitated on Hoitt Rd. The results still showed high levels of E. coli (>30,000 E. coli/100mL) on Hoitt Rd and Westlund Rd. The samples collected also had a slight sewer odor without any floatables evident.

Planned

CCTV inspections and evaluation of previous CCTV inspections of the storm drain and services and dyed-water tracing findings will be reviewed. Additional building inspections of the basement plumbing and dyed water testing will be conducted on Hoitt Rd and Westlund Rd as necessary.

Outfall Areas 9A, 11, 11A & 12

Completed

Outfall 9A

Outfall 9A, discharging to Little Pond, had elevated levels of E. coli during wet weather sampling. This tributary is relatively small (approx. 1,730 LF), so CCTV inspections were conducted to determine condition of the sewer and drain in targeted locations. The sewer was identified below the storm drain on Hill Rd, which led the focus of our investigations. The sewer and drain were in overall fair condition. One specific location of concern, within the first drain segment on Hill Rd from Brighton St (39D035-39D032), is a section of severe cracks along with broken pipe (hole in pipe) in the drain. See Table 1 for summary of finding and recommended rehabilitation.

Planned

Include recommended rehabilitation in a future rehabilitation project. Follow-up sampling will be conducted upon completion of work.

Outfalls 11, 11A & 12

Completed

No additional work was completed in these areas this period.

Planned

Further investigations will be conducted to complete the design of sewer rehabilitation in the Oliver Rd area. Follow-up sampling will be conducted upon completion of work.



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Spy Pond Outfalls – Outfall Areas 15 & 15A

Outfall Area 15

Completed

The direct connection to the drain, at #364 Brighton St, was redirected to the sewer main in July 2019.

An estimated 210 GPD of sewage were removed from the storm drain.

Follow up sampling results showed that the contamination source was removed from Outfall Area 15 exhibiting a 200 E. coli/100mL both at the outfall and at the location downstream of the contamination source at 364 Brighton St.

Planned

This Outfall area has been cleared as a contamination source and will be periodically sampled in the future.

Outfall Area 15A

Completed

The sewer and drain in the Knox St/Bellington St neighborhood were completely inspected. Approximately 2,200 LF of sewer and drain was inspected. The sewer was generally in fair to poor condition with several segments having severely broken pipe and locations of visible soil, many minor to moderate cracking throughout. Table 1 summarizes the defects and provides recommended rehabilitation. The sewer was identified above or at the same elevation as the storm drain throughout the majority of this neighborhood.

Planned

Include recommended rehabilitation in a future rehabilitation project. Follow-up sampling will be conducted upon completion of work.

V.1.b SSO EVENTS

See attached Table 1. Table 1 is a list of blockages reported to the Town and were removed. Only one blockage resulted in an SSO on Concord Ave and Becket Rd on May 10, 2019. Once reported, the Town DPW responded and covered the adjacent storm drains and relieved the mainline sewer of the blockage causing the SSO.

V.1.c ILLICIT DISCHARGE AND SSO EVENT MAP

The Illicit Discharge and SSO Event Maps have been updated through July 2019 and are included in this Report (Figures 1 & 2).



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V.1.d CMOM-PROGRAM SELF-ASSESSMENT & CORRECTIVE ACTION PLAN ACTIVITIES

Activities undertaken this period include:

Section II. Continuing Sewer Assessment Plan: Item 9 - The Town is required to identify the origin of each load to be disposed of at the DPW Yard. As of November 2018, the Town is no longer allowing septage haulers to access the Town yard.

Section III. B. Collection System Management: Training, and Section IV. C. Collection System Operation: Safety - The Department of Public Works provides operations and equipment training to department staff. DPW is actively working to identify outside facilities and instructors in order to implement a safety training program.

Section III. E. Collection System Management: SSO Notification Program, Items 1 and 2 - The Department of Public Works is in receipt of the Massachusetts Department of Environmental Protection Sanitary Sewer Overflow (SSO)/Bypass Notification Form and the department is prepared to meet all reporting requirements when required to do so.

Section IV. D. Collection System Management: SSO Notification Program, Item 3 - The Department of Public Works provides to all sewer department staff an emergency response plan for SSO events. Regular staff training sessions are being programmed to ensure that new hires and current staff are prepared to respond to an SSO event.

V.1.e ADDITIONAL ACTIVITIES FOR ACHIEVING COMPLIANCE

Refer to the Part V.1.a.

V.1.f PROPOSED CHANGES TO REMEDIAL MEASURES

None.

V.1.g IDENTIFICATION OF ALL PLANS, REPORTS, AND OTHER SUBMISSIONS REQUIRED

No additional reports required for submission.

V.1.h PLANS FOLLOWING THE REPORTING DEADLINES

Refer to the Part V.1.a.

V.1.i IDENTIFICATION OF NONCOMPLIANCE OF THE ORDER

None.



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Below is a summary of work completed to date:

Completed this reporting period

- 16 Randolph St – Indirect sewer service connection – Lined
- 28 Randolph St – Indirect sewer service connection – Lined
- 71 Bow Rd – Direct sewer service connection to drain – Redirected to the sewer
- 364 Brighton St – Direct sewer service connection to drain – Redirected to the sewer

Previously completed

- 12 Brettwood Road – Indirect sewer service connection - Lined
- Homer Rd Sewer 17S021-17S020 – Indirect connection, broken pipe - Replaced/Lined
- 11 Pierce Road – Indirect sewer service connection - Lined
- 37 Hoitt Road – Indirect sewer service connection - Lined
- 43 Hoitt Road – Potential indirect sewer service connection - Lined
- 49 Hoitt Road – Potential indirect sewer service connection - Lined

Please contact me if you have any questions regarding the information contained in this report.

Regards,

STANTEC CONSULTING SERVICES INC.

A handwritten signature in blue ink, appearing to read "R. Descheneau".

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Senior Design Engineer
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**BELMONT, MASSACHUSETTS
2019 IDDE INVESTIGATIONS - EPA Compliance Report July 2019**

**TABLE 1
MYSTIC RIVER WATERSHED TRIBUTARY AREAS
SANITARY SEWER AND STORM DRAIN MAINLINE - RECOMMENDED REHABILITATION**

Street	Outfall Area	Priority*	Type	Manhole No.			Pipe Diameter (inches)	Pipe Material	Length Surveyed (feet)	Approx. Segment Length (feet)	Joint Spacing (feet)	No. of Point Repairs	No. of Point Repairs Liners	Point Repair Locations **	Recommended Rehabilitation		No. of Service Connections	No. of Protruding Services	Location of Protruding Services	No. of Service Connections Replaced	Location of Services Replaced **	No. of Service Connections Lined	Location of Services Lined **	Rehab Manhole	New Manhole	Notes	
				Direction	Start	End									Line	Replace											
OUTFALL 15A																											
Bellington St	15A	2	Sewer	Downstream	53S043	53S043A	8	VC	29	29	3				NRR	NRR	2										Pipe in good condition
Bellington St	15A	3	Sewer	Downstream	53S043A	53S044	8	VC	132	132	3				132	NRR	4										PVC repair has 1" offset at 74'; a few minor to moderate cracks
Bellington St	15A	4	Sewer	Downstream	53S044	53S057	8	VC	139	148	3	2		62'-74', 108'-118'	148	NRR	1										Severe broken pipe with void visible at 62'-74'; hole with void visible at 108'-118' and longitudinal hinge cracks
Knox St	15A	3	Sewer	Downstream	53S047	53S046	8	VC	173	173	3				173	NRR	6					1	116'(9:00)	1			Several minor to moderate cracks throughout; soil/void visible at break in connection at 116'; SMH shelf and invert severely corroded/eroded at 53S046
Knox St	15A	4	Sewer	Downstream	53S046	53S057	8	VC	156	156	3	1		132'-138'	156	NRR	2								1		60' unconventional repair although ok; broken service 100% collapsed (probably broken cap) soil/void visible at 135'; several locations with minor to moderate cracks; SMH shelf and invert severely corroded/eroded at 53S057
Hermon St	15A	4	Sewer	Downstream	53S049	53S048	8	VC	48	48	3				48	NRR	1										Severe broken pipe in invert at outside drop connection (lining will repair broken pipe at drop
Hermon St	15A	3	Sewer	Downstream	53S048	53S047	8	VC	67	67	3				67	NRR	3					1	52'(9:00)				Moderate offset at drop service connection (lining will repair; service at 52' broken at invert of service
Bellington St Easement	15A	5-INC	Sewer	Downstream	53S057	53S045	8	VC	40	40	3	2		0-10', 34'-50'+	NRR	40	0										Severe broken pipe at 0-10' and at 34' and beyond; can not continue inspection due to heavy gravel/sediments in pipe and can not clean due to potentially collapsing pipe
Bellington St Easement	15A	5-INC	Sewer	Upstream	53S045	53S057	8	VC	21	21	3	1		18'-24' (plus 1-wye)	NRR	21	2										Severe broken pipe and offset at 19'
Bellington St Easement	15A	4	Sewer	Downstream	53S045	53S053	8	VC	142	142	3				142	NRR	0										Several locations with minor to moderate fractures; hole with soil and void visible at 17'
Bellington St Easement	15A	3	Sewer	Downstream	53S053	53S006	8	VC	113	113	3				113	NRR	1										Several location with minor to moderate longitudinal cracks
Bellington St	15A	4	Drain	Downstream	53D050	53D055	8	VC	140	140	3	1		8'-22'	140	NRR	2	1	61'(3')	1	61'(3:00)						2 setups - Severe broken pipe and fractures from 8'-22'; a few other locations with minor to moderate cracks; protruding VC service at 61'
Knox St	15A	1	Drain	Downstream	53D059	53D058	10	RC	151.0	151	8				NRR	NRR	0										Pipe in excellent condition
Knox St	15A	1	Drain	Downstream	53D058	53D055	10	RC	94	94	8				NRR	NRR	1	1	83'(4')								2 setups - Pipe in excellent condition protruding RC service at 83'
Bellington St Easement	15A	4	Drain	Downstream	53D055	53D067	15	VC	227	227	3				227	NRR	1										Several locations with minor to moderate broken pipe; active infiltration evident and root intrusion at many joints throughout
Rutledge Rd	15A	2	Drain	Upstream	53D101	53D067	15	VC	111	111	3				NRR	NRR	0										Pipe in good condition
Rutledge Rd	15A	1	Drain	Downstream	53D101	53D008	15	VC/PVC	184	184	2				NRR	NRR	0										2 setups - pipe in good condition
Rutledge Rd	15A	INC	Sewer	Downstream	53S006	53S073									NRR	0											Not inspected
Bellington St	15A	2-INC	Drain	Upstream	53D050	53D049	10	VC	216	216	3	1		215'	215'	216	4										A few minor cracks; collapsed pipe at 215', possible capped end
OUTFALL 9A																											
Hill Rd	9A	2	Drain	Downstream	39D006	39D035	12	VC	515	515	4				NRR	NRR	5	2	211'(2'), 426'(2')						1		Minor to moderate cracks at several locations throughout; one joint with minor roots; 2 intruding services; service are suspect (IDDE) to be dye tested; possibly add new manhole due to length and intruding services
Hill Rd	9A	4	Drain	Downstream	39D035	39D032	12	VC	30	30	4				30	NRR	0										hole in pipe with soil visible; one moderate crack and a few minor cracks
Hill Rd	9A	2	Sewer	Downstream	39S003	39S002	8	VC	234	234	5				NRR	NRR	1										Pipe in good condition; 1 service connection
Hill Rd	9A	3	Sewer	Downstream	39S002	39S001	8	VC	212	212	5				212	NRR	2										pipe in good condition with 1 moderate crack at 1'; minor sag at 180'-190'
Hill Rd	9A	4	Sewer	Downstream	39S001	39S000	8	VC	188	188	5				188	NRR	2										Several location with minor to moderate cracking; severe cracking at 169'
Hill Rd	9A	INC	Sewer	Downstream	39S000	39S018	8	VC	0	30					NRR	30	0										Incomplete inspection; manhole cover rusted shut and camera could not pass through invert at 39S000
TOTALS									6,684			14			1,776	4,376	70	7		4		2		2	2		

* 1 (Excellent Condition) - 5 (Severe Deterioration)
** Distance from Starting Manhole in feet (Orientation of Service Lateral)

Table 2**01-01-2019 to 07-31-2019 Total Stoppage**

Date	Address		Results
2019-01-02	50	Gale Rd	18' roots
2019-01-08	143	Pine St	Mainline flushed
2019-01-18	17	Maple St	Flushed
2019-01-23	84	Livermore Rd	Flushed/no back up
2019-01-24	14	Sandrck Rd	No Access/call plumber/illegal catch valve per Eccles-informed Glenn Clancey
2019-01-26	28	Fairview Ave	48' Paper pushed out
2019-01-26	22	Waverley St	18' roots & paper pushed out
2019-01-28	103	Stony Brook Rd	Blew out with flusher
2019-02-02	49	Grove St	20' mega roots rodded & flushed from manhole
2019-02-02		GROVE ST	20' mega roots rodded and flushed manhole
2019-02-04	26	Audrey Rd	Rodded from manhole lots of grease
2019-02-11	90	School St	12 & 30' roots
2019-02-11	49	Sharpe Rd	No access tiled floor
2019-02-14	135	Goden St	Bagged line
2019-02-18	60	Rockmont Rd	No Access
2019-02-21	27	Raleigh Rd	Rodded pushed out @ 30'
2019-02-22	45	Longmeadow Rd	36' Grease & paper
2019-02-24	201	Lexington St	6-8' roots
2019-02-25	145	Sherman St	Roots @ 48'
2019-03-01	118	Claflin St	No access
2019-03-02	37	Oliver Rd	Main Line
2019-03-04	346	Common St	12' roots
2019-03-04	43	Oak Ave	Flushed service
2019-03-11	145	Belmont St	Cleared main line
2019-03-11	39	Sharpe Rd	Plumber cleared stoppage
2019-03-12	87	Sherman St	Main line
2019-03-13	191	Trapelo Rd	6' pushed out roots
2019-03-14	135	School St	No access
2019-03-15	10	Frost Rd	18 & 24' roots
2019-03-17	24	Richardson Rd	24 & 30 ' roots
2019-03-18	4	Hoitt Rd	Flushed from manhole in back yard
2019-03-25	13	Newton St	18' roots
2019-03-26	145	Sherman St	Cut roots 45'
2019-03-27	58	Hammond Rd	10' roots
2019-04-01	28	Francis St	18' roots
2019-04-02	39	Benton Rd	18' roots pushed out
2019-04-04	22	Hartley Rd	20-36' roots
2019-04-04	26-28	TROWBRIDGE ST	Internal Problem
2019-04-06	45	Larch Cir	Rodded @ manhole 60' paper

2019-04-08	53	Partridge Ln	Rodded line
2019-04-09	223	Slade St	No access
2019-04-10	229-231	Trapelo Rd	Roots @ 18'
2019-04-11	95	Clark St	Main line flushed from driveway manhole
2019-04-11		CLARK ST	main line flushed from driveway manhole
2019-04-13	95	Hammond Rd	Rodded 30' Cleared at 12'
2019-04-14	28	Trowbridge St	Internal
2019-04-15	76	Wellesley Rd	Rodded manhole in back yard 26' roots & paper
2019-04-16	41	Partridge Ln	Rodded 36-40' roots & Flushed line
2019-04-16	145	Sherman St	48' roots
2019-04-19	133	Elm St	10' roots & paper
2019-04-19	3	Orchard St	12' pushed out
2019-04-19	15	Preble Gardens Rd	Homeowner called plumber
2019-04-20	18	Falmouth St	30' roots
2019-04-20	24	Falmouth St	Internal
2019-04-22	223	Slade St	No access waiting for plumber
2019-04-23	223	Slade St	Roots 36' blew out with flusher
2019-04-23	10	Temple St	36-42' roots
2019-04-24	17	Clark St	Flushed from manhole
2019-04-24		CLARK ST	Flushed from manhole
2019-04-26	36	Shaw Rd	30' roots
2019-04-27	38	Taylor Rd	Main line
2019-04-28	64	Oak Ave	Bagged in house to street
2019-05-01	76	Townsend Rd	18 Pushed out
2019-05-04	503	School St	Roots 12 & 18'
2019-05-09	36	Shaw Rd	36' roots
2019-05-09	5	Vincent Ave	18' roots
2019-05-10	134	Concord Ave	Mainline
2019-05-13	49	Farnham St	Needs plumber
2019-05-16	28	Betts Rd	32' roots cap was hard to get off
2019-05-16	42	Sharpe Rd	12' paper pushed out
2019-05-16	38	Taylor Rd	Mainline grease
2019-05-17	61	NEWCASTLE RD	Sewer line checked/running fine
2019-05-18	45	Brighton St	Mainline
2019-05-18	88	Taylor Rd	Flushed from mainline 88' from rotary
2019-05-18	88	TAYLOR RD	Flushed from manhole 88' from rotary
2019-05-20	30	Orchard St	No access
2019-05-20	106	Pine St	12' roots pushed out to 36'
2019-05-20	12	ROBIN WOOD RD	No Access-Cedrone may have broken a pipe
2019-05-20	12	Robinwood Rd	No access cedrone may have broken pipe
2019-05-22	4	BAY STATE RD	No Access
2019-05-23	60	Waverley St	Plumber was there checked main no access
2019-05-25	4	BayState Rd	Flushed line
2019-05-25	25	Ripley Rd	Rodded 18' roots cleared

2019-05-27	232	Payson Rd	Bagged flushed line
2019-05-28	108	Brighton St	4' pushed out
2019-05-28	568	Pleasant St	Flushed manhole on Leonard St a lot of grease & wipes
2019-05-30	19	Bacon Rd	6' paper and roots pushed out
2019-05-30	21	Franklin St	No Access
2019-06-01	43	Oak Ave	Bagged Pipe
2019-06-03	32	Hoitt Rd	Internal
2019-06-04	98	Lewis Rd	Roots 10-30'
2019-06-05	29	Woods Rd	No Access
2019-06-07	88	Winn St	36' Pushed out
2019-06-09	46	Taylor Rd	No Access Flushed Main
2019-06-13	159	Common St	18-30' Roots
2019-06-19	89	TOWNSEND RD	Blockage
2019-06-24	218	BEECH ST	Blockage
2019-06-24	17	OLIVER RD	18' roots
2019-06-27	72	CHESTER RD	Blockage
2019-06-29	77	HAMMOND RD	Rodded roots @48'
2019-06-29	323	MARSH ST	Flushed Line
2019-07-02	67	FARNHAM ST	18' Blockage
2019-07-02	36	THAYER RD	36' Blockage
2019-07-03	10	PAYSON TER	Blockage
2019-07-11	40	CHESTNUT ST	Flushed Manhole
2019-07-11	27	RALEIGH RD	Rodded 48' Paper
2019-07-16	92	COMMON ST	No Access
2019-07-19	15	HERBERT RD	Other
2019-07-19	15	TEMPLE ST	Internal Problem
2019-07-22	40	GREYBIRCH PARK	12 and 20' roots
2019-07-24	16	AUDREY RD	Rodded line roots 12'
2019-07-24	139	DEAN ST	Flushed line w/ bag to clear backup
2019-07-26	49	CARLETON RD	Rodded 25' roots
2019-07-29	10	PAYSON TER	Internal Problem
2019-08-03	45	GORHAM RD	Rodded 12' paper
2019-08-05	82	BEECH ST	Hydraulic Limitation
2019-08-05	28-30	GILBERT RD	Paper pushed out cracked pipe
2019-08-05	53	PARTRIDGE LN	18; pushed out
2019-08-06	569	BELMONT ST	Flushed from manhole on street

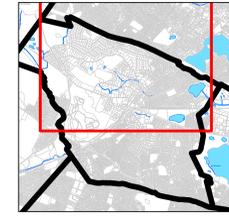


LEGEND

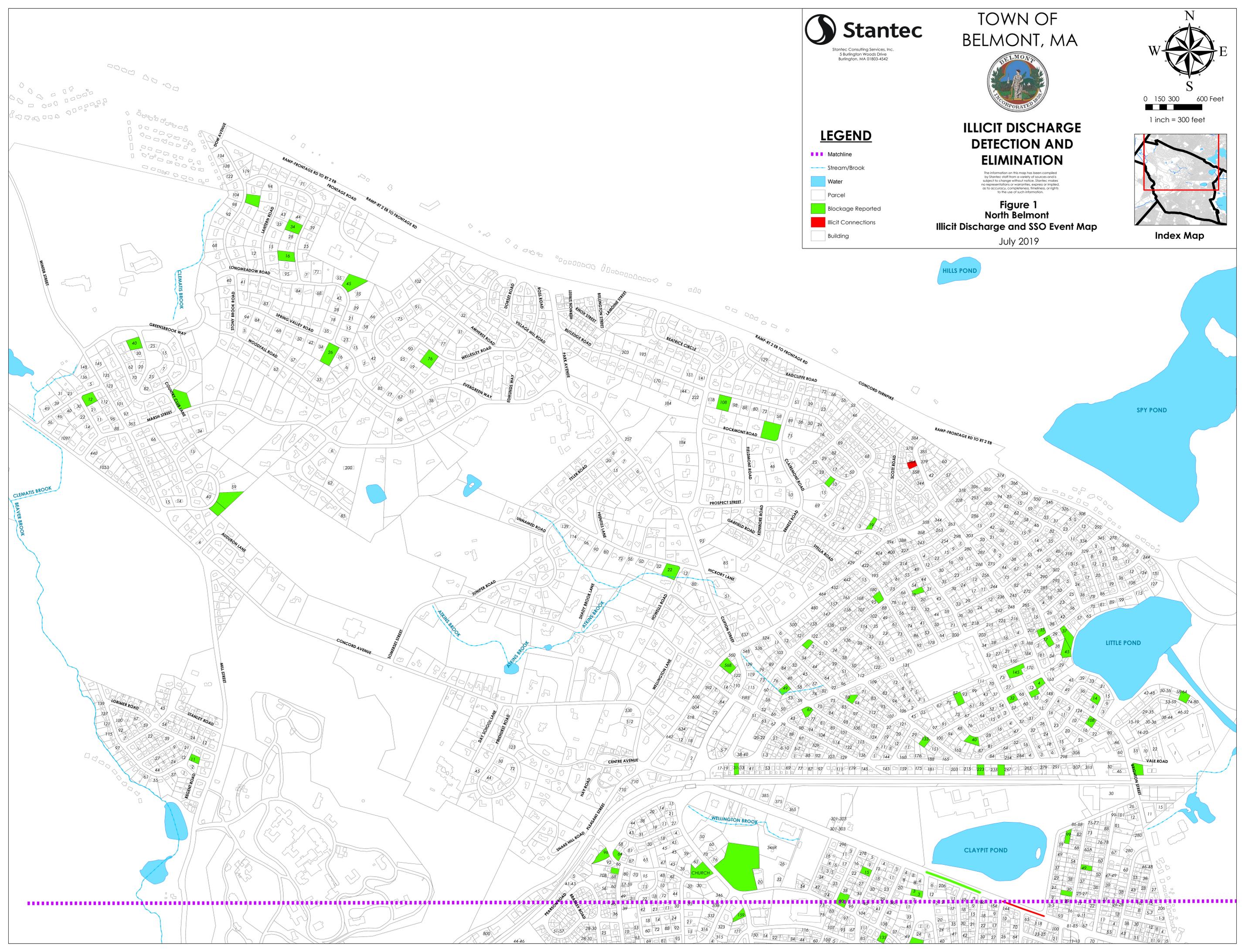
- Matchline
- Stream/Brook
- Water
- Parcel
- Blockage Reported
- Illicit Connections
- Building

**ILLICIT DISCHARGE
 DETECTION AND
 ELIMINATION**

**Figure 1
 North Belmont
 Illicit Discharge and SSO Event Map**
 July 2019



Index Map





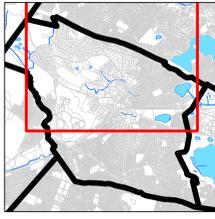
LEGEND

- Matchline
- Stream/Brook
- Water
- Parcel
- Blockage Reported
- Illicit Connections
- Building

**ILLICIT DISCHARGE
 DETECTION AND
 ELIMINATION**

The information on this map has been compiled by Stantec staff from a variety of sources and is subject to change without notice. Stantec makes no representation or warranties, express or implied, as to accuracy, completeness, timeliness, or origin to the use of such information.

Figure 2
 South Belmont
 Illicit Discharge and SSO Event Map
 July 2019



Index Map

