



Stantec Consulting Services Inc.
45 Network Drive, 3rd Floor, Burlington MA 01803-4542

January 31, 2022

Attention: Todd Borci, Enforcement Officer
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 January 31, 2022, which describes activities conducted from July 1, 2021 through December 31, 2021 associated with the Wellington Brook and Winn's Brook tributary areas in the Town of Belmont. These two areas are designated as Sub-catchments 8 and 10, respectively. This report also includes activities associated with all sub-catchments in the Mystic River Watershed including, 1, 2, 3, 4, 5, 6, 8, 9, 9A, 10, 11, 11A, 12, 13, 15 and 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.

A Private Sector Sump Pump Removal & Sewer System Rehabilitation Construction project, which includes sewer system improvements including point repairs, service replacements and cured-in-place mainline lining began on July 21, 2021 and is ongoing. Refer the contract drawings in **Attachment 1**. Several sub-catchments discharging to the Mystic River Watershed were resampled during this reporting period for *E. coli* and select locations for Ammonia.

V.1.a ILLICIT DISCHARGES IDENTIFIED

Mystic River Watershed Sub-catchments 1-15A

Completed

Follow-up dry weather samples were collected for several sub-catchment areas in October and November 2021, within areas 2, 8 (8-1, 8-2, 8-4, 8-5 and 8-6), 9A, 10 (10-1 and 10-2) and 15A to evaluate the status of each sub-catchment. Refer to **Figures 1-6** for sample result maps from this reporting period. As shown in **Table 1**, the sample taken at Sub-catchment 15 was below the *E. coli* reportable threshold of 235 MPN/100mL. Sub-catchments 2, 8-1, and 8-4 showed an increase in *E. coli* levels from previous samples. Sub-catchment 8 is a large tributary which was broken down into smaller catchment areas to identify any masked contamination upstream. Additional upstream tributary sampling is detailed below in sub-catchments where necessary.



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Planned

Comprehensive investigations will continue in the Mystic River Watershed sub-catchments as described below. Samples will also be tested for surfactant levels during upcoming investigations.

Sub-catchments 1, 3, 4, 5, 6, 9, 9A, and 13

Completed

From the previous report, sub-catchments 3, 4, 5, 6, 9, and 9A were cleared as contamination sources. In the previous reporting period, an illicit sewer connection was found in sub-catchment 1 from an easement at Fairview Avenue and Van Ness Road. The repair of this illicit connection will be added as a Change Order to the Sewer System Rehabilitation Contract. All the sewer on Hill Road in Sub-catchment 9A was CIPP Lined and follow up sampling was conducted and found to be <100 MPN/100 mL. Refer to **Figure 5**.

Planned

The repair of the illicit sewer connection in sub-catchment 1 will be completed as soon as coordination with the Contractor is finalized. Once completed, follow up sampling will be conducted to ensure source of contamination was removed.

Sub-catchment 2

Completed

Samples were taken in sub-catchment 2 at the outfall and in the upper tributary area in the vicinity of Shaw Rd, Livermore Rd and Betts Rd. Samples still show levels of *E. coli* ranging from 1,800 MPN/100 mL to >30,000 MPN/100 mL. Most locations indicated lower levels of ammonia compared to previous samples. *E. coli* levels are still elevated post rehabilitation of all the laterals along Shaw Rd, Livermore Rd and Betts Rd. It appears the contamination may be emanating from intersecting roadways including Herbert Rd, Hartley Rd, Houghton Rd, Shaw Rd and Audrey Rd, but nearly all inspection at these intersections shows no flow however the invert is typically wet. Results and sampling maps can be found in **Figure 1** and **Table 1**.

Planned

Outfall and tributary sampling will continue in this sub-catchment, as well as dyed-water testing at locations that were not completed, due to homeowners not being home. The intersecting roadways mentioned above will be targeted. Once identified additional rehabilitation will be conducted.

Sub-catchment 8-1

Completed

Sub-catchment 8-1 samples indicated slightly elevated levels of *E. coli* and ammonia levels under the threshold of 0.5 mg/L. These locations have had fluctuating levels of *E. coli*. Some samples



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taken (8-1-2, 8-1-11, and 8-1-14) had levels of both *E. coli* and ammonia under the threshold, which clears the above stream areas of contamination. Refer to **Figure 2** and **Table 1** for sampling results of this sub-catchment.

Planned

Additional sampling will be conducted in sub-catchment 8-1 to more clearly determine the source of contamination and dye testing or CCTV inspections will be determined accordingly.

Sub-catchment 8-2

Completed

Sub-catchment 8-2 was sampled and was found to be 100 MPN/100 mL, which is below the threshold. Refer to **Figure 2** and **Table 1** for sampling results of this sub-catchment.

Planned

This sub-catchment area has been cleared of contamination, but will continue to be monitored.

Sub-catchment 8-3

Completed

No work was conducted in sub-catchment 8-3.

Planned

Sub-catchment 8-3 will be sampled next reporting period.

Sub-catchment 8-4

Completed

Sub-catchment 8-4 sample had an *E. coli* concentration of 9,000 MPN/100 mL. This has had fluctuating sample results and was a substantial increase from the most recent sample of 1,900 MPN/100 mL. Other samples were taken in the sub-catchment to the north with values below the *E. coli* threshold, and to the south with values above the threshold at 2,000 MPN/100mL. Refer to **Figure 3** for sampling results of this sub-catchment. Sub-catchment 8-5 and 8-6 enters sub-catchment 8-4 and influences the discharge at sub-catchment 8-4

Planned

The tributaries entering sub-catchment 8-4 will continue to be monitored to identify potential target areas for further investigations.

Sub-catchment 8-5

Completed



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Sub-catchment 8-5 was sampled and found to be slightly elevated at 500 MPN/100 mL compared to the last sample of 200 MPN/100 mL. Levels of *E. coli* have fluctuated within this area. Refer to **Figure 4** and **Table 1** for previous sampling results.

Planned

Sub-catchment 8-5 will continue to be monitored.

Sub-catchment 8-6

Completed

Samples taken in sub-catchment 8-6 indicated elevated levels of *E. coli*, and more substantially high level in both *E. coli* and ammonia at sample location 8-6-6. Refer to **Figure 4** and **Table 1** for sampling results of this sub-catchment.

Planned

Sampling will be conducted upstream of sample location 8-6-6 to identify the contamination source area(s). CCTV inspections and dyed water testing will be conducted to locate the source.

Sub-catchment 10-1

Completed

No work was conducted in Sub-catchment 10-1.

Planned

Sub-catchment 10-1 will be monitored during next reporting period.

Sub-catchment 10-2

Completed

Samples taken in sub-catchment 10-2 were moderately above the *E. coli* threshold. *E. coli* levels are still elevated in the Waterhouse Rd, Westlund Rd and Hoitt Rd area even after contamination sources that were previously identified and removed. Refer to **Figure 5** and **Table 1** for previous sampling results of this sub-catchment.

Planned

Sub-catchment 10-2 will continue to be monitored. Follow up CCTV inspections and dyed water testing will be conducted or a comprehensive rehabilitation of the entire area will be considered upon evaluation of the additional sampling.

Sub-catchments 11, 11A & 12

Completed



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No sampling was conducted in these outfall areas. A leaking capped drain line was identified in a drain manhole at Staunton Road and Oliver Rd in sub-catchment 11. This abandoned drain line is located below the sewer main. Rehabilitation in sub-catchment 11A has been completed.

Planned

The cap will be repaired removing the potential contamination source. Follow-up outfall and tributary sampling will be conducted in this area upon completion of the rehabilitation.

Spy Pond Outfalls – Outfall Areas 15 & 15A

Sub-catchment 15

Completed

Outfall 15 was sampled for *E. coli* during this reporting period with a 100 MPN/100 mL, which is below the threshold. A direct source was previously removed and the *E. coli* levels have steadily declined and are now below the threshold. Refer to **Figure 6** and **Table 1** for sampling results in this sub-catchment.

Planned

Sub-catchment 15 has been cleared as a contamination source, but will continue to be monitored.

Sub-catchment 15A

Completed

Sub-catchment 15A previously had *E. coli* levels below the threshold but an elevated level of ammonia. Follow up sampling in October indicated an ammonia level of 0 ppm, however the sample was not sent to the lab for *E. coli* testing. Three of four other samples taken in the 15A sub-catchment indicated levels of *E. coli* below the threshold, but slightly elevated levels of ammonia. Sample 15A-6, taken next to 222 Rutledge Road from a 15" pipe from an easement, indicated elevated *E. coli* levels but ammonia levels below the threshold. Refer to **Figure 6** and **Table 1** for the sample results for this sub-catchment.

Planned

Sub-catchment 15A will continue to be monitored.

V.1.b SSO EVENTS

There have been no SSO Events during this reporting period.



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On May 1, 2021, during the previous reporting period, an unanticipated SSO occurred in the Town's sewer system at 148-150 Oakley Road. As part of the corrective actions, the Town submitted a draft SSO Response Plan on December 31, 2021 and received review comments from MassDEP on January 4, 2022. The Town submitted the updated final SSO Response Plan on January 31, 2022 with MassDEP's comments incorporated.

If any SSO events occur in the future, the Town will follow the updated SSO Response Plan, reviewed by MassDEP and dated January 31, 2022. The correspondence from MassDEP to the Town can be found in **Attachment 2**, and the Town's updated SSO Response Plan can be found in **Attachment 3**.

V.1.c ILLICIT DISCHARGE AND SSO EVENT MAP

The Illicit Discharge and SSO Event Maps have been updated through December 31, 2021 and are included in this **Report (Figures 7 & 8)**.

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 MassDEP 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



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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.

Further IDDE related work will be conducted as per MS4 Permit requirements.

V.1.i IDENTIFICATION OF NONCOMPLIANCE OF THE ORDER

None.

Below is a summary of rehabilitation work completed to date:

Completed this reporting period

No repairs completed during this period.

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
- 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
- Sewer System Rehabilitation Project Miscellaneous locations of sewer repairs and CIPP Lining – 3,360 LF of CIPP Lined sewer mains

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



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Regards,

STANTEC CONSULTING SERVICES INC.

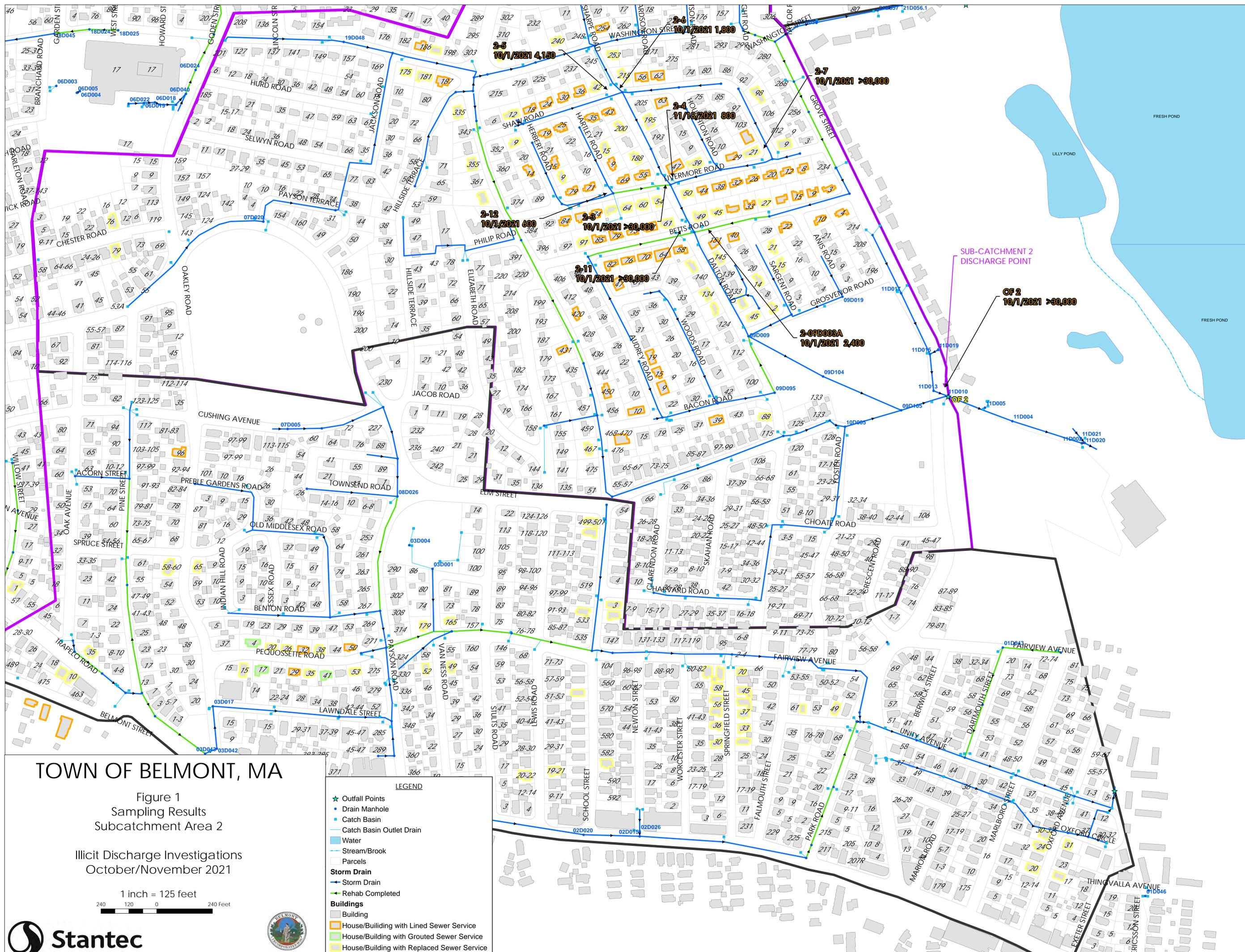
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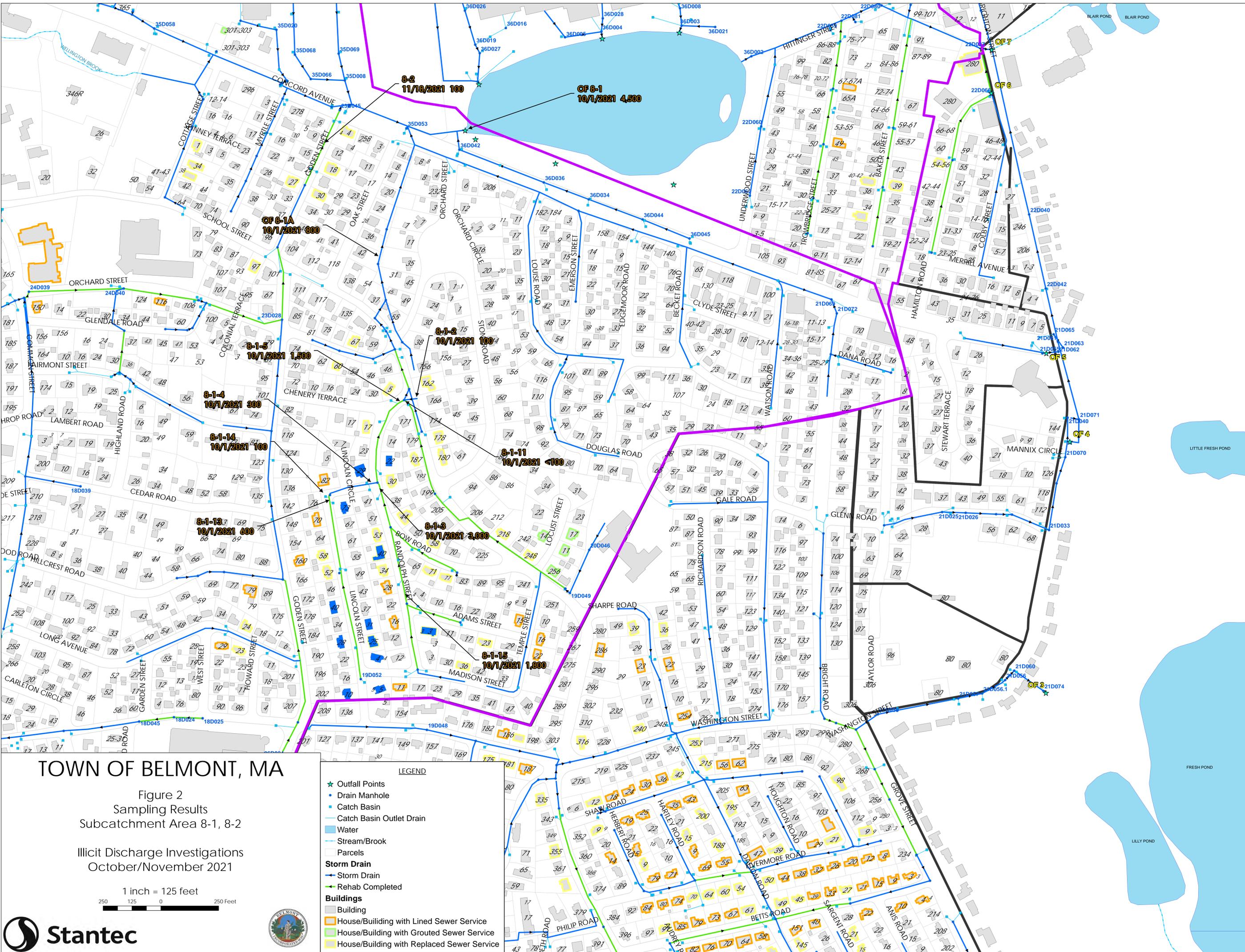
TOWN OF BELMONT, MA

Figure 1
Sampling Results
Subcatchment Area 2
Illicit Discharge Investigations
October/November 2021

1 inch = 125 feet

- LEGEND**
- ★ Outfall Points
 - Drain Manhole
 - Catch Basin
 - Catch Basin Outlet Drain
 - Water
 - Stream/Brook
 - ▭ Parcels
 - Storm Drain
 - Rehab Completed
 - ▭ Buildings
 - ▭ House/Building with Lined Sewer Service
 - ▭ House/Building with Grouted Sewer Service
 - ▭ House/Building with Replaced Sewer Service





TOWN OF BELMONT, MA

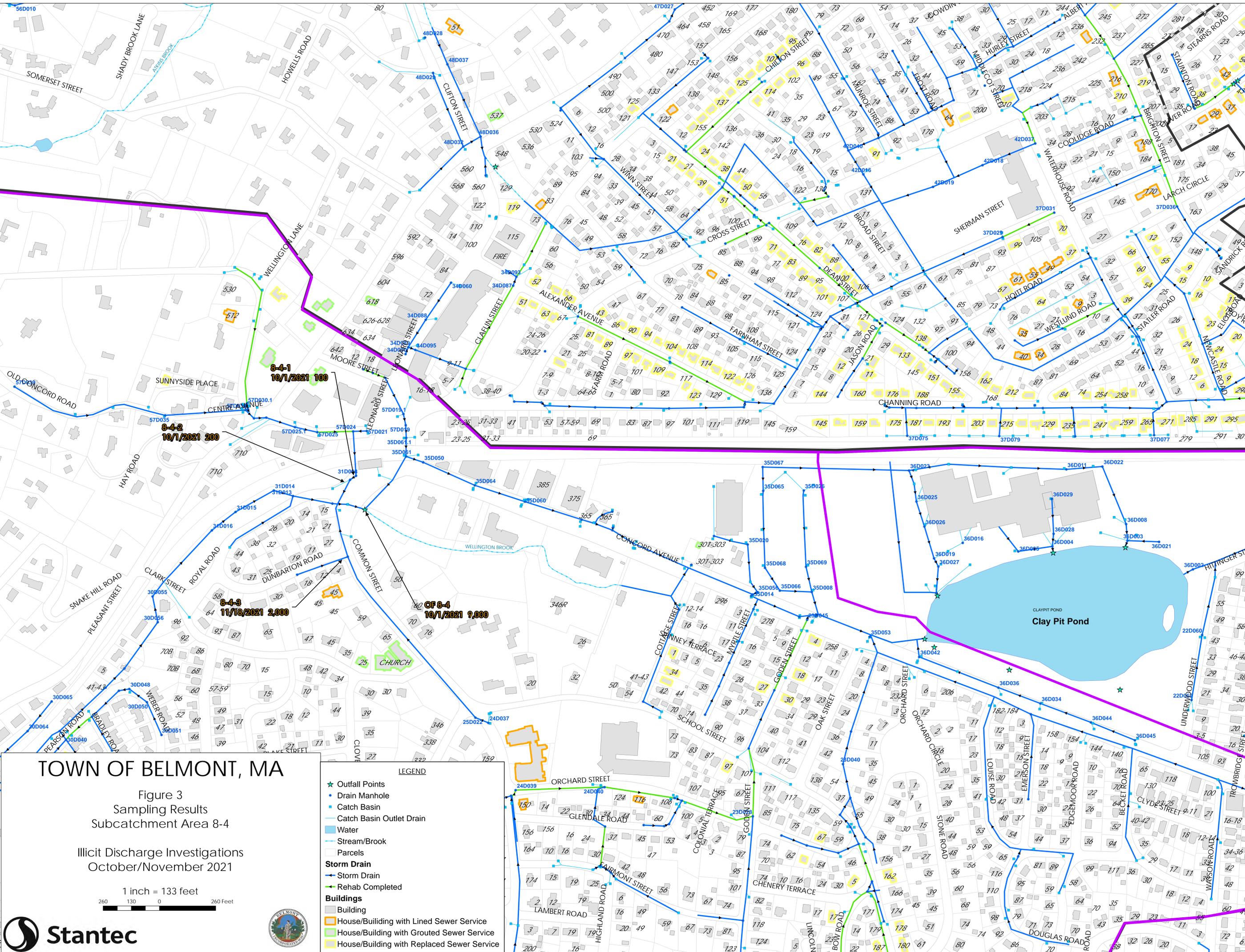
Figure 2
 Sampling Results
 Subcatchment Area 8-1, 8-2
 Illicit Discharge Investigations
 October/November 2021

1 inch = 125 feet

LEGEND

- ★ Outfall Points
- Drain Manhole
- Catch Basin
- Catch Basin Outlet Drain
- Water
- Stream/Brook
- Parcels
- Storm Drain**
- Storm Drain
- Rehab Completed
- Buildings**
- Building
- House/Building with Lined Sewer Service
- House/Building with Grouted Sewer Service
- House/Building with Replaced Sewer Service





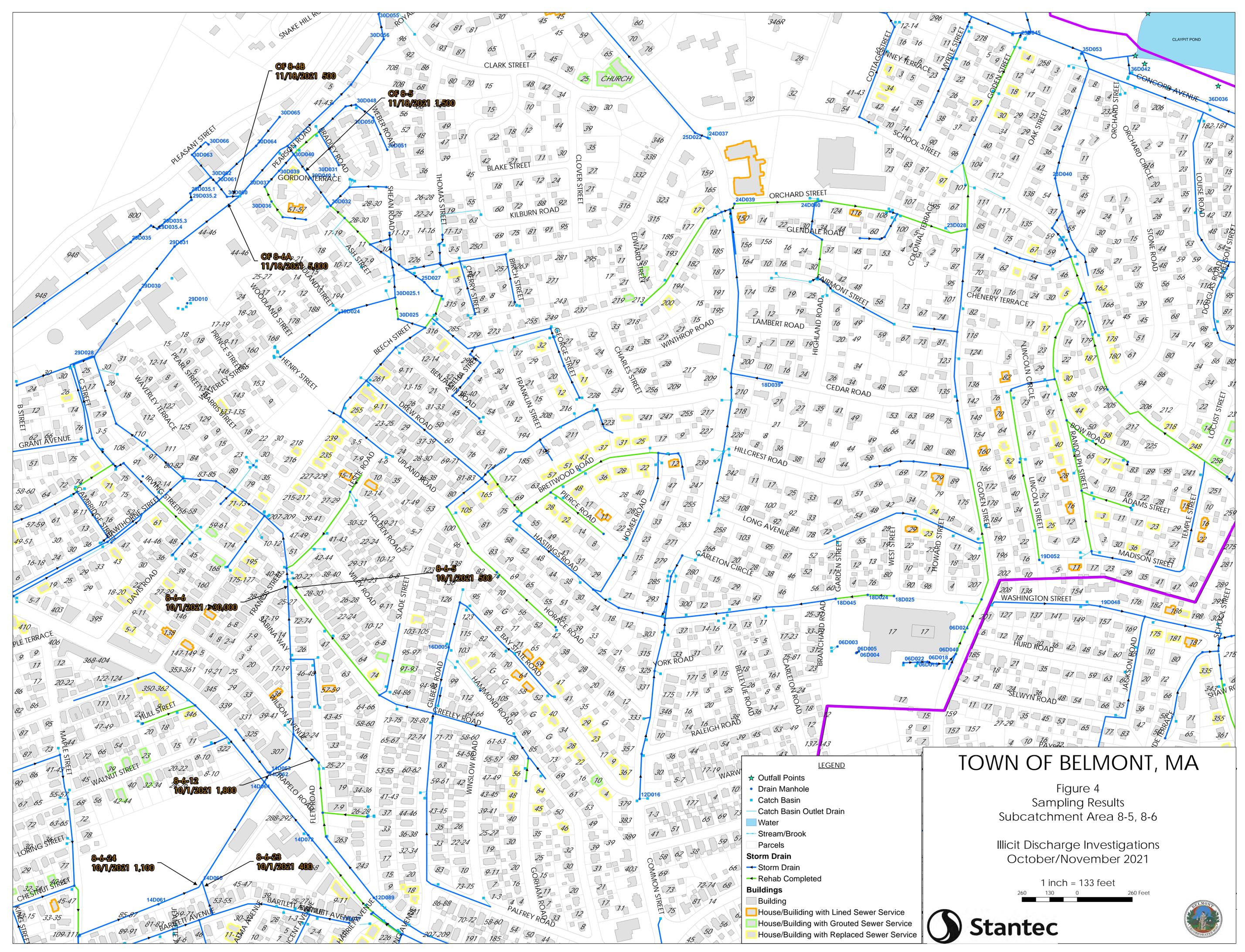
TOWN OF BELMONT, MA

Figure 3
 Sampling Results
 Subcatchment Area 8-4
 Illicit Discharge Investigations
 October/November 2021

1 inch = 133 feet

- LEGEND**
- ★ Outfall Points
 - Drain Manhole
 - Catch Basin
 - Catch Basin Outlet Drain
 - Water
 - Stream/Brook
 - Parcels
 - Storm Drain**
 - Storm Drain
 - Rehab Completed
 - Buildings**
 - Building
 - House/Building with Lined Sewer Service
 - House/Building with Grouted Sewer Service
 - House/Building with Replaced Sewer Service





OF 8-4B
11/18/2021 500

OF 8-5
11/18/2021 1,500

OF 8-6A
11/18/2021 5,000

8-6-5
10/1/2021 500

8-6-6
10/1/2021 30,000

8-6-12
10/1/2021 1,800

8-6-24
10/1/2021 1,100

8-6-23
10/1/2021 400.8

LEGEND

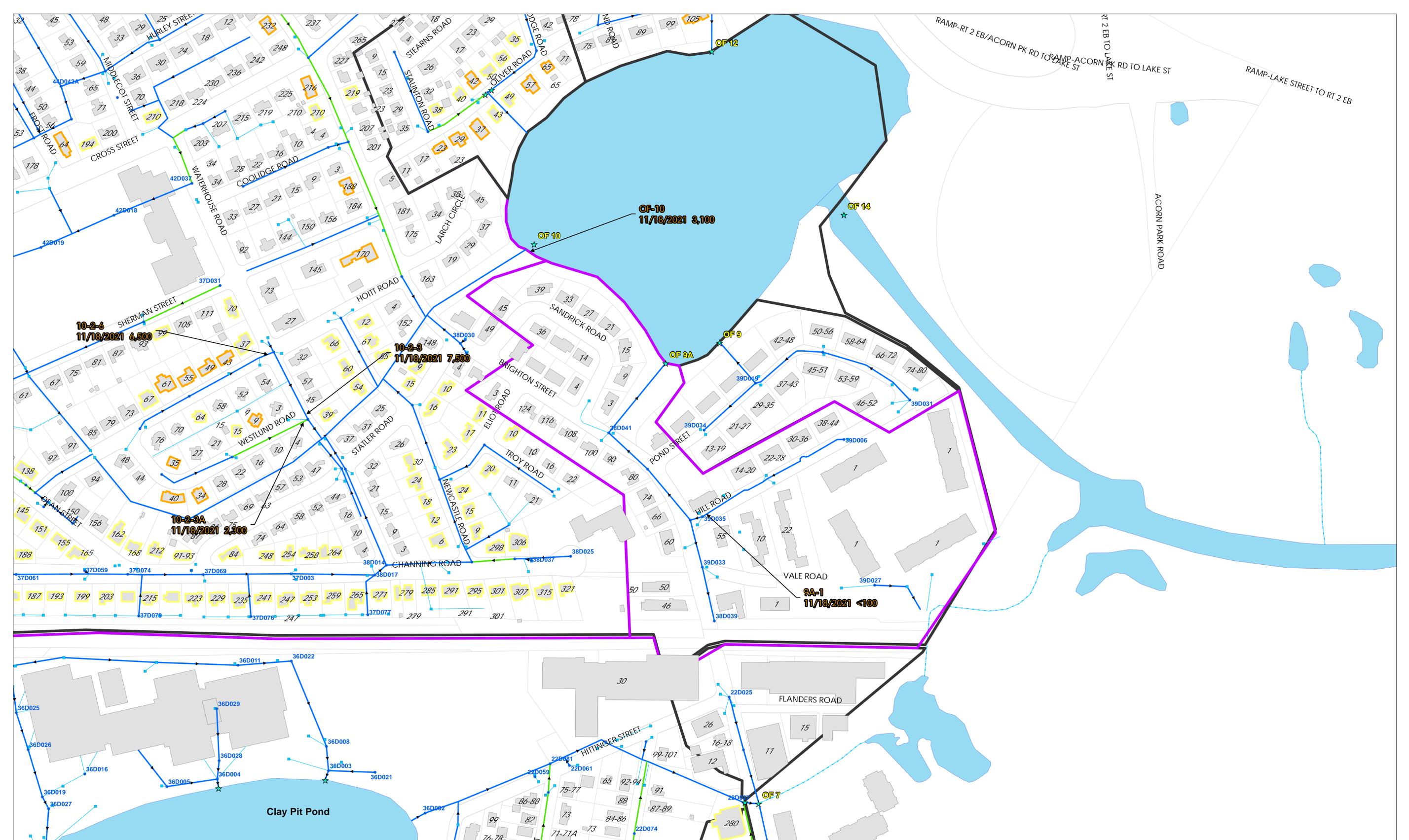
- ★ Outfall Points
- Drain Manhole
- Catch Basin
- ▬ Catch Basin Outlet Drain
- Water
- ▬ Stream/Brook
- ▭ Parcels
- Storm Drain**
- ▬ Storm Drain
- ▬ Rehab Completed
- Buildings**
- ▭ Building
- ▭ House/Building with Lined Sewer Service
- ▭ House/Building with Grouted Sewer Service
- ▭ House/Building with Replaced Sewer Service

TOWN OF BELMONT, MA

Figure 4
Sampling Results
Subcatchment Area 8-5, 8-6
Illicit Discharge Investigations
October/November 2021

1 inch = 133 feet





TOWN OF BELMONT, MA

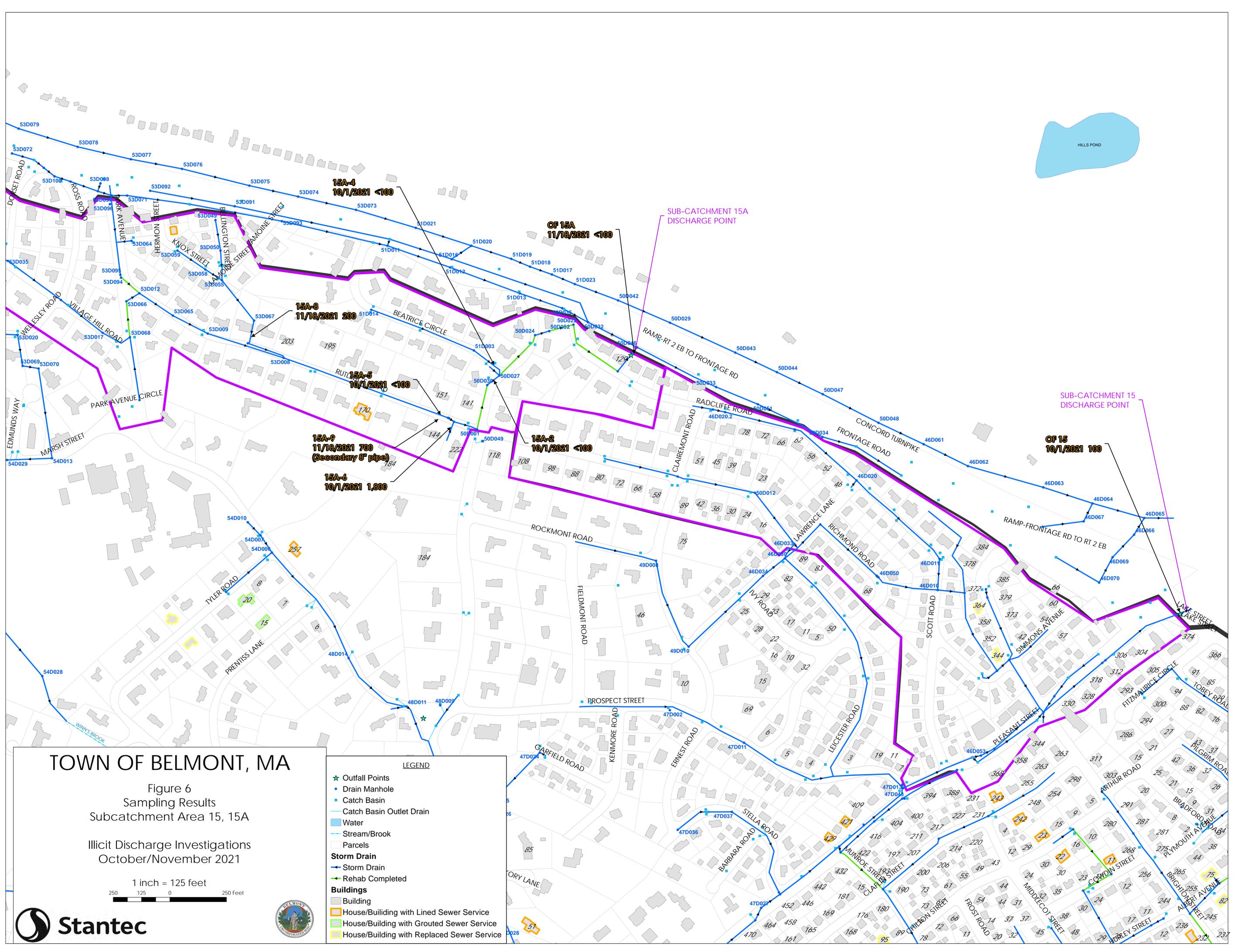
Figure 5
 Sampling Results
 Subcatchment Area 9A, 10
 Illicit Discharge Investigations
 October/November 2021

1 inch = 100 feet
 200 100 0 200 Feet

LEGEND

- ★ Outfall Points
- Drain Manhole
- Catch Basin
- Catch Basin Outlet Drain
- Water
- Stream/Brook
- Parcels
- Buildings
- Storm Drain
- Storm Drain
- Rehab Completed
- House/Building with Lined Sewer Service
- House/Building with Grouted Sewer Service
- House/Building with Replaced Sewer Service





TOWN OF BELMONT, MA

Figure 6
 Sampling Results
 Subcatchment Area 15, 15A
 Illicit Discharge Investigations
 October/November 2021

1 inch = 125 feet

LEGEND

- ★ Outfall Points
- Drain Manhole
- Catch Basin
- Catch Basin Outlet Drain
- Water
- Stream/Brook
- Parcels
- Storm Drain
- Storm Drain
- Rehab Completed
- Buildings
- Building
- House/Building with Lined Sewer Service
- House/Building with Grouted Sewer Service
- House/Building with Replaced Sewer Service





LEGEND

- Matchline
- Stream/Brook
- Water
- Building
- Parcel
- Rehabilitated Potential Indirect Sources
- Blockage Reported
- Illicit Connections

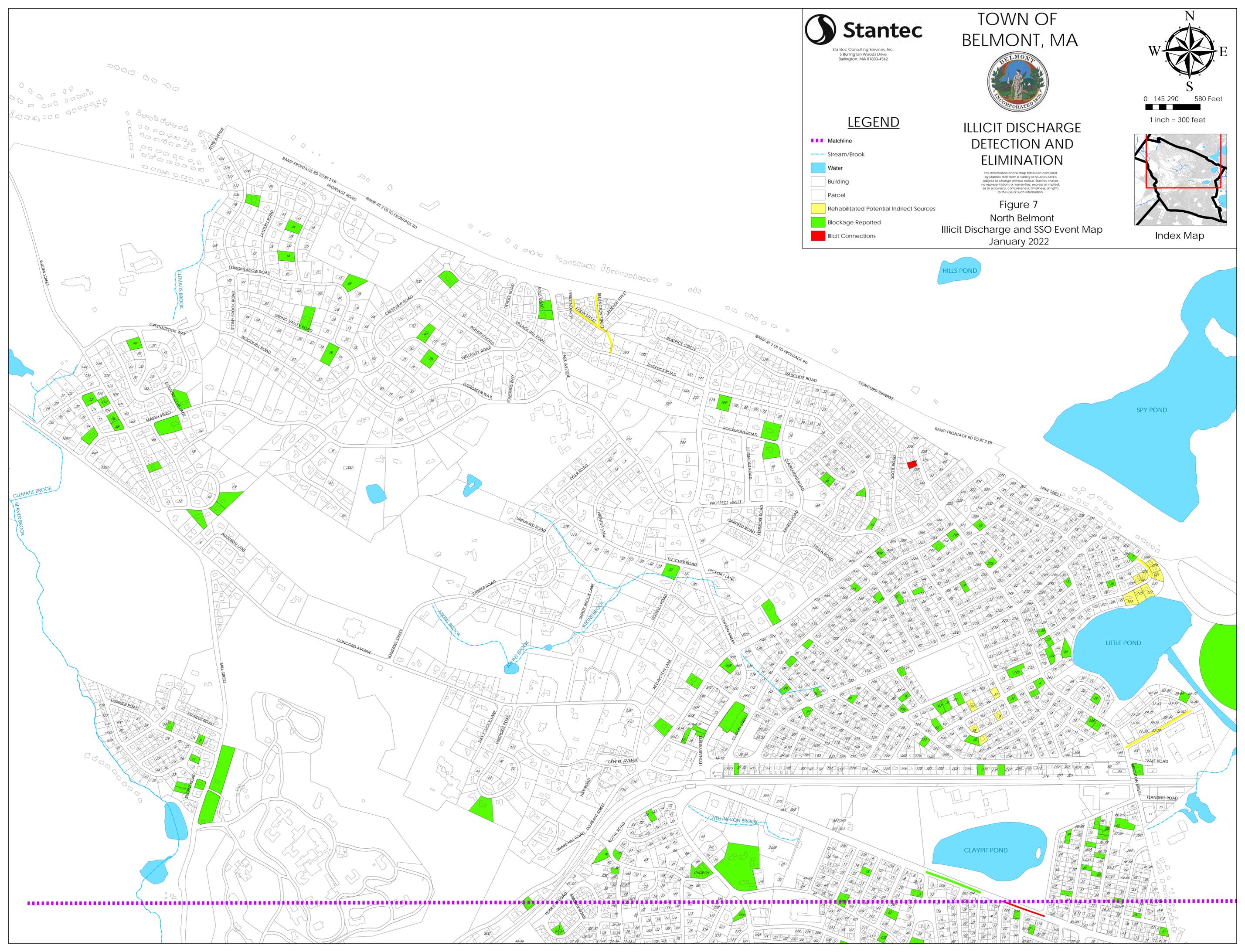
**ILLICIT DISCHARGE
 DETECTION AND
 ELIMINATION**

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 warranty, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information.

Figure 7
 North Belmont
 Illicit Discharge and SSO Event Map
 January 2022



Index Map





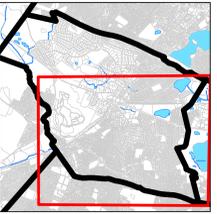
LEGEND

- - - Matchline
- Stream/Brook
- Water
- Building
- Parcel
- Rehabilitated Potential Indirect Sources
- Blockage Reported
- Illicit Connections

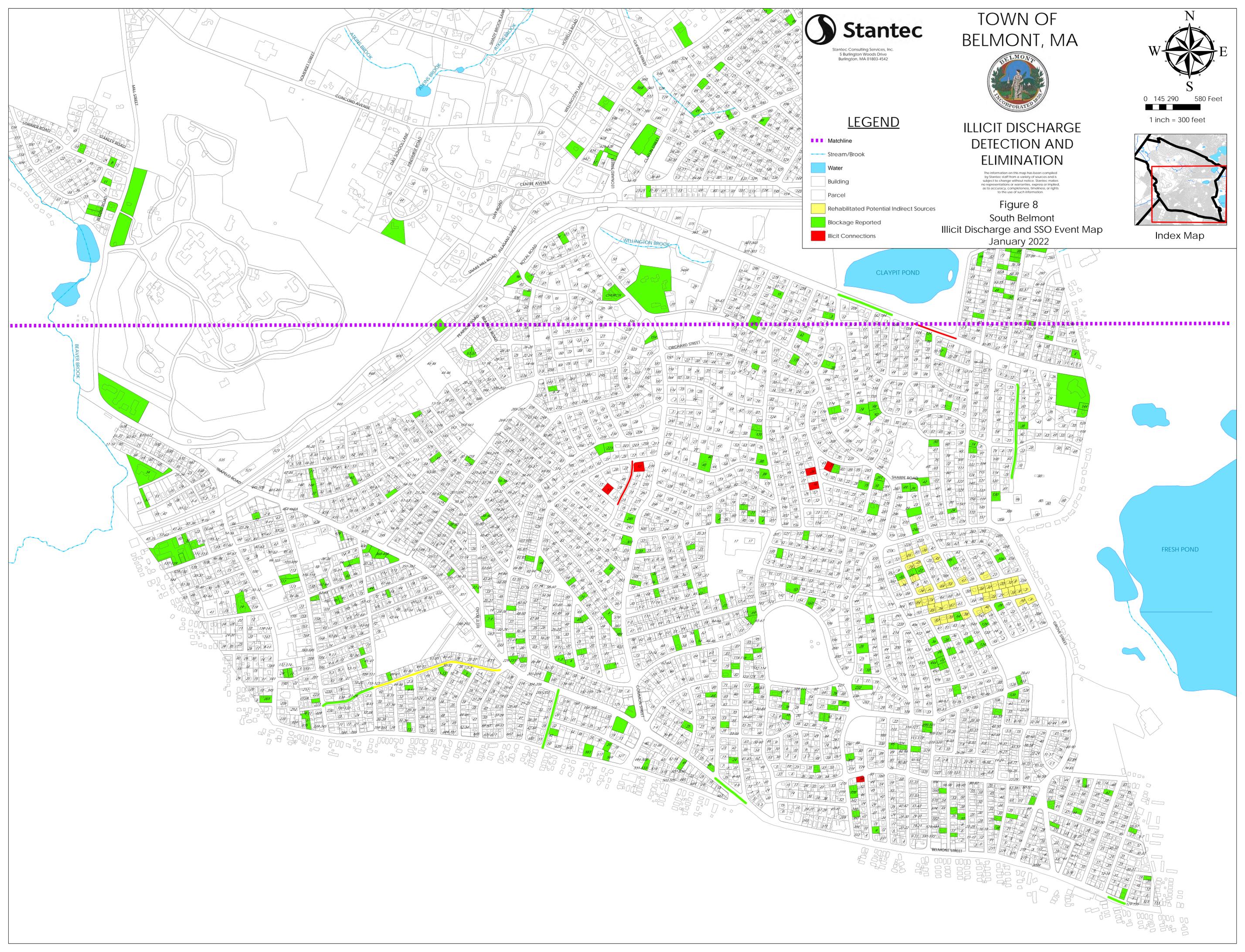
**ILLICIT DISCHARGE
 DETECTION AND
 ELIMINATION**

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Figure 8
 South Belmont
 Illicit Discharge and SSO Event Map
 January 2022



Index Map



Attachment 1

Private Sector Sump Pump Removal & Sanitary

Sewer Rehabilitation Contract Drawings



TOWN OF BELMONT, MASSACHUSETTS

PRIVATE SECTOR SUMP PUMP
REMOVAL & SEWER SYSTEM
REHABILITATION

MWRA PROJECT NO.
WRA-P11-04-3-1124 &
MWRA PROJECT NO.
WRA-P11-04-3-1160

MARCH 2021

Project Number: 195113362

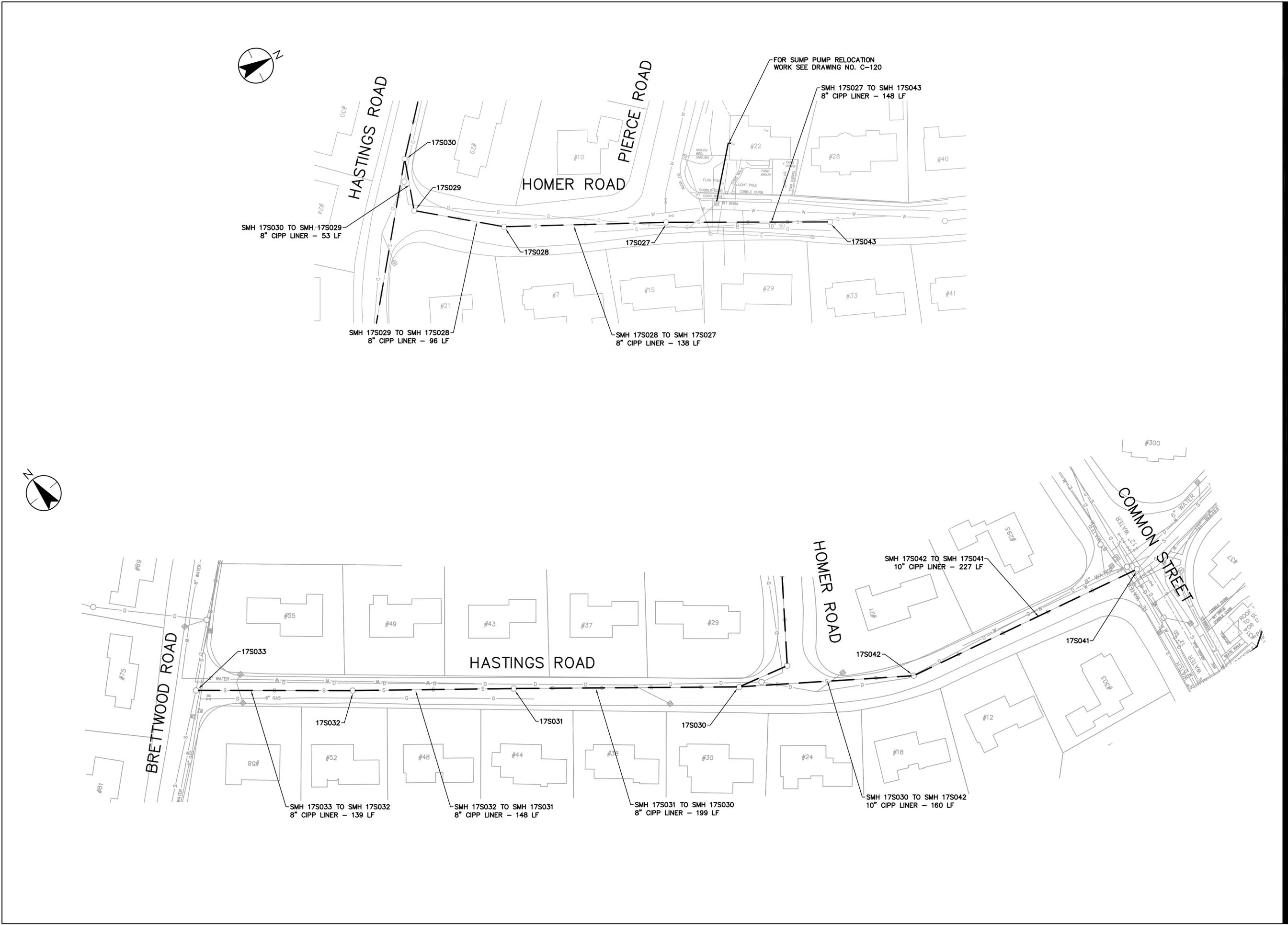
INDEX TO DRAWINGS

SHEET NO.	DRAWING NO.	TITLE
1	G-001	COVER
2	G-002	KEY PLAN NORTH
3	G-003	KEY PLAN SOUTH
4	C-001	LEGEND, ABBREVIATIONS AND GENERAL NOTS
5	C-101	KING STREET, BARTLETT AVENUE AND SUNNYSIDE PLACE
6	C-102	HOMER ROAD AND HASTINGS ROAD
7	C-103	PALFREY ROAD, GARDEN STREET AND VAN NESS ROAD
8	C-104	LEONARD STREET
9	C-105	MIDDLECOT STREET AND HURLEY STREET
10	C-106	SHERMAN STREET AND HAMMOND ROAD
11	C-107	RADCLIFFE ROAD
12	C-108	CROSS STREET AND LAKE STREET
13	C-109	PROSPECT STREET
14	C-110	ORCHARD STREET AND EDWARD STREET
15	C-111	CHARLES STREET
16	C-112	WINTHROP ROAD AND SLADE STREET
17	C-113	GLENDALE ROAD
18	C-114	FAIRMONT STREET AND HIGHLAND ROAD
19	C-115	HILLCREST ROAD
20	C-116	STULTS ROAD
21	C-117	TOWNSEND ROAD AND PAYSON ROAD
22	C-118	WOODS ROAD AND BACON ROAD
23	C-119	DALTON ROAD AND ANIS ROAD
24	C-120	SUMP PUMP - HOITT RD, SHERMAN ST, BRIGHTON ST AND COOLIDGE RD
25	C-121	SUMP PUMP - CROSS ST, LEXINGTON ST AND SLADE ST
26	C-122	SUMP PUMP - WAVERLEY ST, HOMER RD AND COMMON ST
27	C-123	SUMP PUMP - COTTAGE ST, SPINNEY TERR, GODEN ST AND SCHOOL ST
28	C-124	SUMP PUMP - GODEN ST, CONCORD AVE AND BAKER ST
29	C-125	SUMP PUMP - WASHINGTON ST, DALTON RD, LIVERMORE RD AND BETTS RD
30	C-126	SUMP PUMP - ANIS RD, CLAFLIN ST AND HARTLEY RD
31	C-501	SUMP PUMP RELOCATION DETAILS
32	C-502	MISCELLANEOUS DETAILS 1 OF 2
33	C-503	MISCELLANEOUS DETAILS 2 OF 2



Robert H. Deschenau, III
3-29-21

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 City, Prov/State Country Code/Zip
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Revision	By	Appd.	Y/M/D
			YY/MM/DD
			YY/MM/DD
			YY/MM/DD

TOWN OF BELMONT, MASSACHUSETTS
 PRIVATE SECTOR SUMP PUMP REMOVAL &
 SEWER SYSTEM REHABILITATION
 MWRA PROJECT NO. WRA-P11-04-3-1124 &
 MWRA PROJECT NO. WRA-P-11-04-3-1160
 BELMONT, MASSACHUSETTS
 HOMER ROAD AND HASTINGS ROAD

Permit Seal:

 3-29-2021

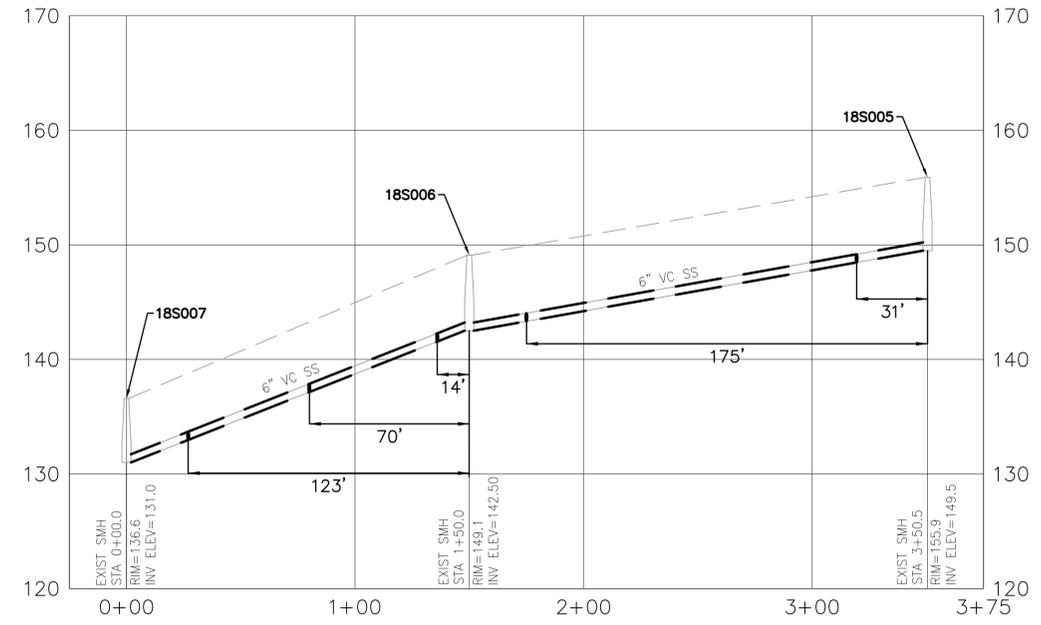
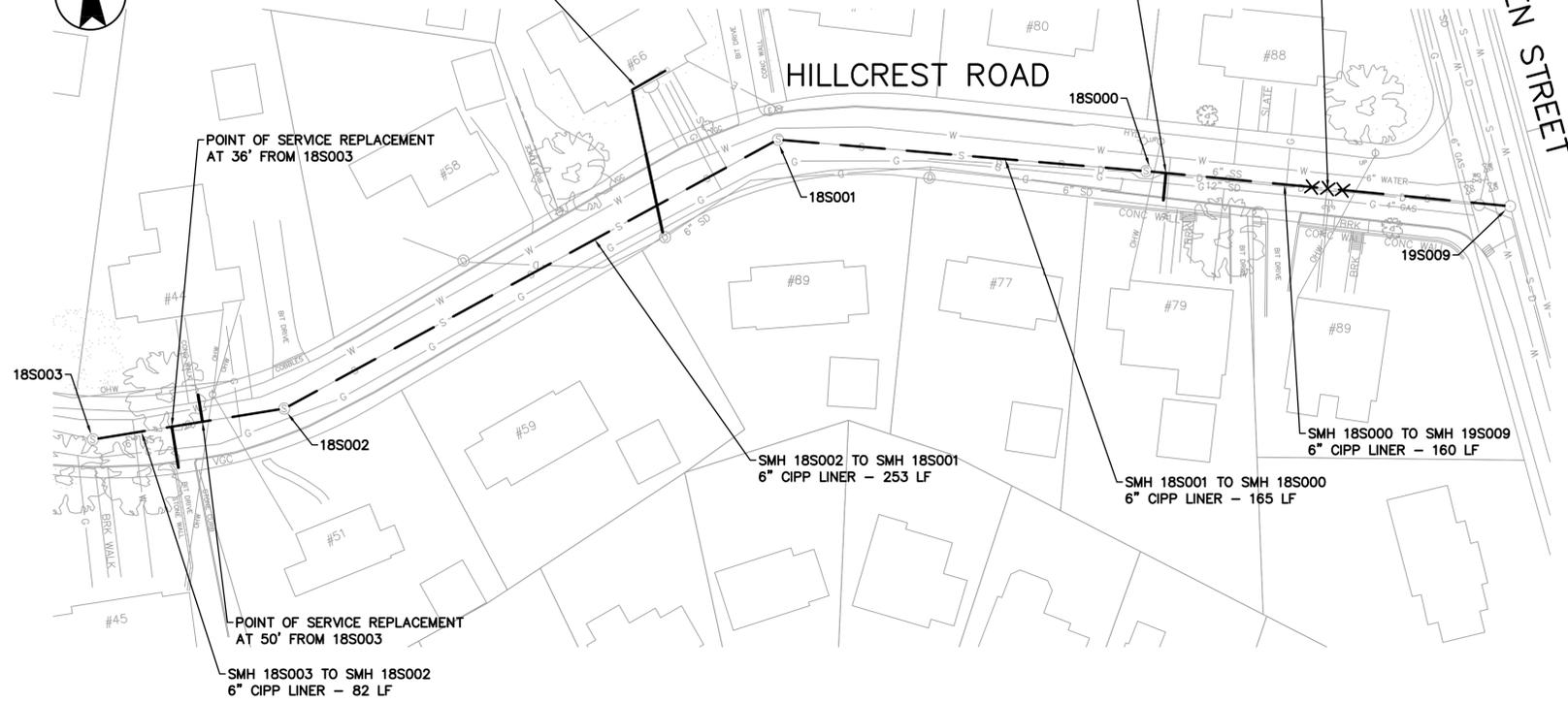
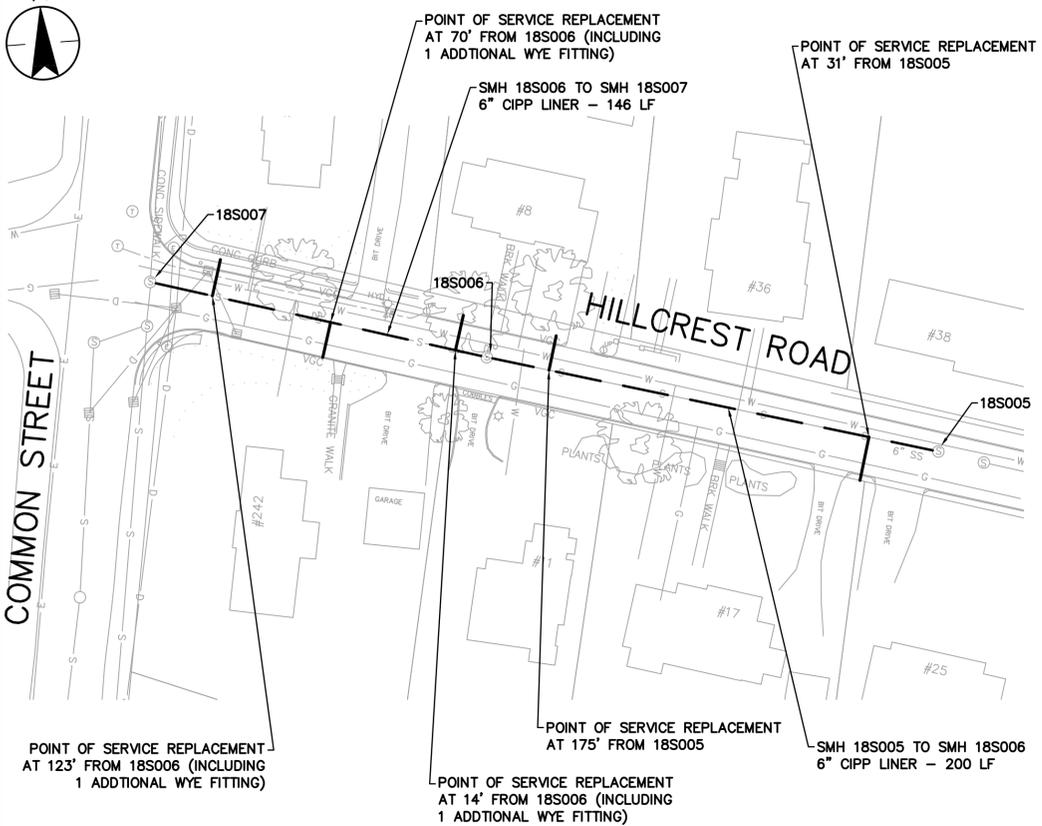
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 File Name:

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Dwn	Chkd.	Desgn.	YY/MM/DD

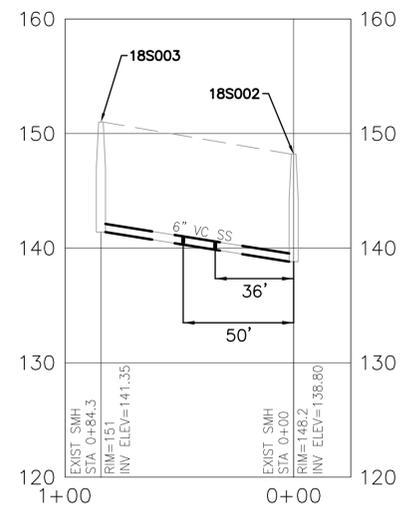
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 Revision Sheet
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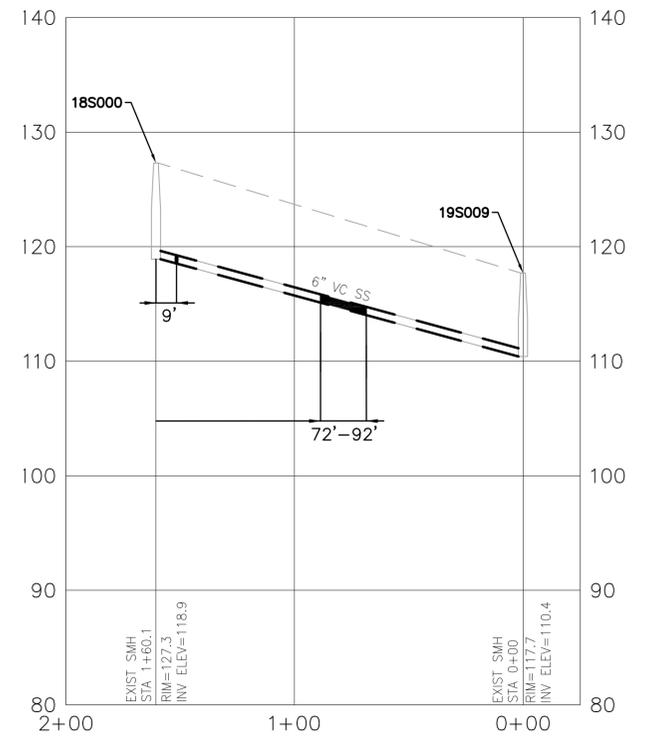
COMMON STREET



HILLCREST RD PROFILE (1/3)
SCALE: HOR. 1"=40'
VERT. 1"=4'



HILLCREST RD PROFILE (2/3)
SCALE: HOR. 1"=40'
VERT. 1"=4'



HILLCREST RD PROFILE (3/3)
SCALE: HOR. 1"=40'
VERT. 1"=4'



Street Address
City, Prov/State Country Code/Zip
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			YY/MM/DD
			YY/MM/DD

TOWN OF BELMONT, MASSACHUSETTS
PRIVATE SECTOR SUMP PUMP REMOVAL & SEWER SYSTEM REHABILITATION
MWRA PROJECT NO. WRA-P11-04-3-1124 & MWRA PROJECT NO. WRA-P11-04-3-1160
BELMONT, MASSACHUSETTS
HILLCREST ROAD

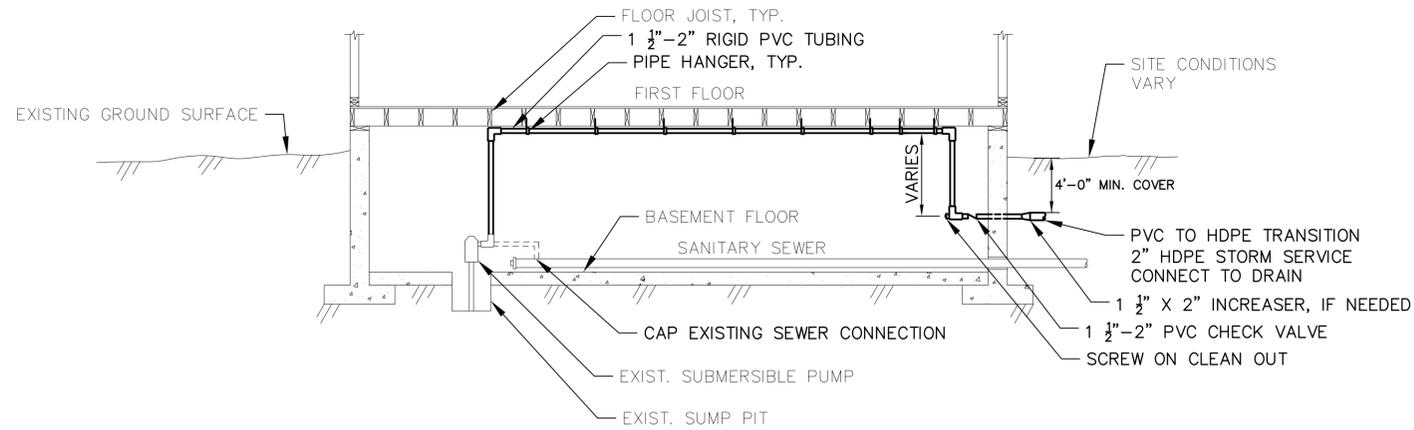


Project Number: 195113362
File Name:

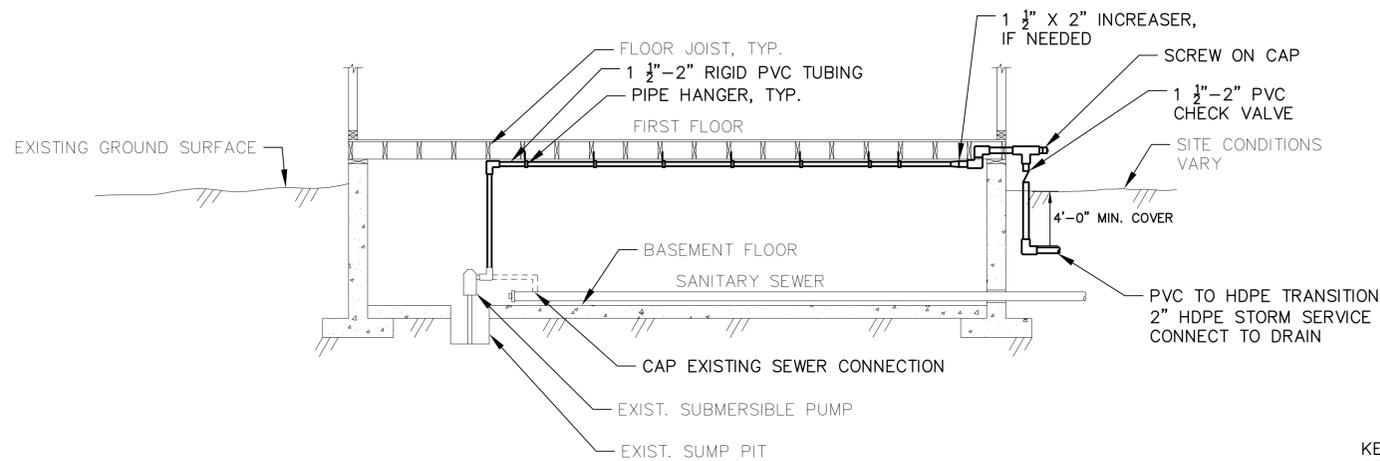
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Drawing No. C-115
Revision Sheet

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 2023/03/29 11:23 AM BY: SDC/SSC/AMM



ILLUSTRATIVE SUMP PUMP CONNECTION ALTERNATIVE 1
NOT TO SCALE



ILLUSTRATIVE SUMP PUMP CONNECTION ALTERNATIVE 2
NOT TO SCALE

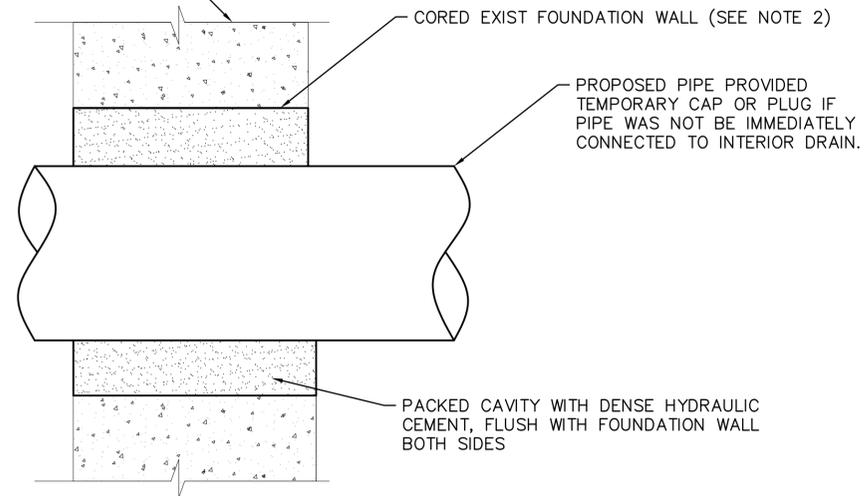
SUMP PUMP RELOCATION & CONNECTION NOTES:

1. PRIOR TO STARTING ANY WORK, THE CONTRACTOR SHALL CONDUCT AN INTERNAL/EXTERNAL INSPECTION OF THE PLUMBING AND SITE CONDITIONS AT ALL LOCATIONS TO CONFIRM PIPING PLACEMENT, ALIGNMENT, SIZES, ETC. COORDINATE INSPECTIONS WITH THE HOMEOWNER, TOWN AND ENGINEER.
2. THE CONTRACTOR SHALL PROVIDE A LICENSED PLUMBER TO PERFORM BUILDING INFLOW REMOVAL WORK GOVERNED BY 248 CMR 10.00: UNIFORM STATE PLUMBING CODE. THE CONTRACTOR SHALL PROVIDE ALL COUPLINGS, FITTINGS, VALVES AND CLEANOUTS AS REQUIRED BY 248 CMR 10.00.
3. DRAIN TO EXIT THROUGH FOUNDATION WALL AS SHOWN OR AS DIRECTED BY ENGINEER.
4. 2" HDPE TO 6" PVC TRANSITION TO BE MADE AT EDGE OF ROADWAY.
5. ALL WALL/BRICK MANHOLE/CONCRETE CULVERT PENETRATIONS, PIPE FITTINGS AND JOINTS TO BE SEALED WATERTIGHT.
6. ALL VALVES AND SPECIAL FITTINGS SHALL BE AS APPROVED BY ENGINEER.
7. MINIMUM COVER FOR 2" HDPE PIPE SHALL BE 4'. SLOPE TO DRAIN IF POSSIBLE.

FOUNDATION WALL PENETRATION NOTES:

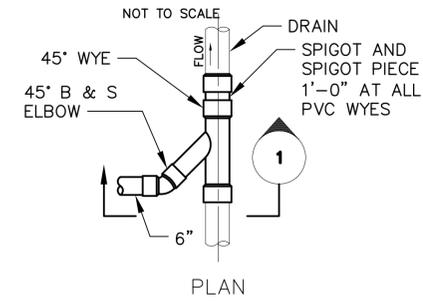
1. KEEP EDGE OF CORE AT LEAST 12" FROM TOP, BOTTOM, OR SIDE EDGES OF WALL, AND AT LEAST 12" FROM DOORS, WINDOWS, OR OTHER EXISTING PENETRATIONS.
2. FOR MOST TYPES OF CONSTRUCTION, PROVIDE CORE AND DENSE HYDRAULIC CEMENT AS DESCRIBED ABOVE. FOR FIELDSTONE WALL, PROVIDE MORTAR OR PLASTER LEVELING SURFACE IF REQUIRED TO FACILITATE CORING.

KEPT AWAY FROM EDGES OF WALL AND EXISTING PENETRATIONS (SEE NOTE 1).

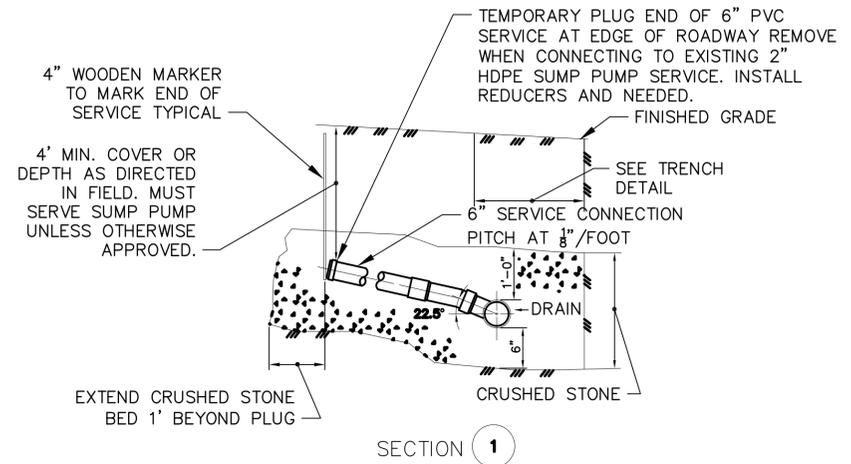


FOUNDATION WALL PENETRATION

NOT TO SCALE



PLAN



DETAIL OF DRAIN AT NORMAL DEPTH

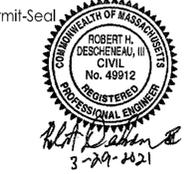
NOT TO SCALE

Revision	By	Appd.	Y/M/D	Issued
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2021/03/27 11:28 AM BY: SDC/SSC/ABZ

ORIGINAL SHEET - ANSI D

TOWN OF BELMONT, MASSACHUSETTS
PRIVATE SECTOR SUMP PUMP REMOVAL & SEWER SYSTEM REHABILITATION
MWRA PROJECT NO. WRA-P11-04-3-1124 & MWRA PROJECT NO. WRA-P11-04-3-1160
BELMONT, MASSACHUSETTS
SUMP PUMP RELOCATION DETAILS



Project Number: 195113362
File Name: C-501-C-503 DETAILS.DWG

AMD	RHD	RPB	21.03.31
Dwn.	Chkcd.	Dsgn.	YY/MM/DD

Drawing No. C-501

Revision Sheet

Attachment 2

MassDEP Correspondence with Town of Belmont

Notice of Non-Compliance



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Northeast Regional Office • 205B Lowell Street, Wilmington MA 01887 • 978-694-3200

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Kathleen A. Theoharides
Secretary

Martin Suuberg
Commissioner

December 2, 2021

Mr. Jason Marcotte, MPA
Director of Public Works
Town of Belmont
19 Moore Street, 1st Floor
Belmont, MA 02478

Re: **NOTICE OF NONCOMPLIANCE**
Enforcement Document Number: 00012454
Noncompliance with 314 CMR 12.03(8)

At: 148-150 Oakley Road
Belmont, MA 02748

Issuing Bureau: BWR
Issuing Region/Office: NERO
Issuing Program: WPC

Dear Mr. Marcotte:

The Massachusetts Department of Environmental Protection Northeast Regional Office (MassDEP) was made aware of an unanticipated sanitary sewer overflow (SSO) that occurred on May 1, 2021 in the Town of Belmont's sewer system at 148-150 Oakley Road. The notification procedure following the event is in noncompliance with one or more laws, regulations, orders, licenses, permits, or approvals enforced by MassDEP.

Enclosed please find a Notice of Noncompliance, an important legal document describing the activities that are in noncompliance. The document includes a written description of (1) the requirements violated, (2) the actions MassDEP now wants you to take, and (3) the deadline for taking such actions.

If you have any questions regarding this matter, please contact James Barsanti of my staff at (978) 694-3253 or via email at james.barsanti@mass.gov.

Sincerely,



Rachel Freed
Deputy Regional Director
Bureau of Water Resources

Cc: Kevin Brander, MassDEP
James Barsanti, MassDEP
Doug Koopman, EPA
Glenn Clancy, Town of Belmont

NOTICE OF NONCOMPLIANCE

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THIS NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

Based on the Massachusetts Department of Environmental Protection (MassDEP) records, noncompliance occurred at the Town of Belmont's sewer system on May 1, 2021, in violation of one or more laws, regulations, orders, licenses, permits or approvals enforced by MassDEP.

This Notice of Noncompliance describes (1) the requirement violated, (2) the date and place on which MassDEP asserts the requirement was violated, (3) either the specific actions which must be taken in order to return to compliance or direction to submit a written proposal describing how and when you plan to return to compliance, and (4) the deadline for taking such actions or submitting such a proposal.

If the required actions are not completed by the deadlines specified below, an administrative penalty may be assessed for every day after the date of receipt of this Notice that the noncompliance occurs or continues. MassDEP reserves its rights to exercise the full extent of its legal authority in order to obtain full compliance with all applicable requirements, including, but not limited to, criminal prosecution, civil action including court-imposed civil penalties, or administrative action, including administrative penalties imposed by MassDEP.

NAME OF ENTITY(S) IN NONCOMPLIANCE:

Town of Belmont, (hereinafter referred to as the "Municipality")

LOCATION(S) WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

148-150 Oakley Road
Sanitary Sewer Overflow
Belmont, MA 02428

DATE(S) WHEN NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

May 1, 2021

DESCRIPTION OF NONCOMPLIANCE:

The MassDEP Wastewater Management Program records indicate that your Municipality is in violation of 314 CMR 12.03 (8) which states:

This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.

TTY# MassRelay Service 1-800-439-2370

MassDEP Website: www.mass.gov/dep

Printed on Recycled Paper

(8) Persons owning or operating a sewer system shall report bypasses and/or overflows as follows:

a) In the event of an anticipated bypass or sanitary sewer overflow, the owner or operator shall provide notification to the Department on a form approved by the Department, at least ten days prior to the event, if possible.

b) In the event of an unanticipated bypass or sanitary sewer overflow, as soon as the owner or operator has knowledge of the bypass or sanitary sewer overflow but in no event later than 24 hours after its first occurrence, the owner or operator shall provide notification to the Department, on a form approved by the Department, of such an event.

c) Within five days of either 314 CMR 12.03(8)(a) or (b), the owner or operator shall provide the following information to the Department, on a form approved by the Department: All the activities that led up to the event; steps taken to minimize the impact of the event on public health, safety and the environmental; and, steps taken to prevent such an event from happening in the future.

No notice was provided to MassDEP within 24 hours after the unanticipated SSO event and an SSO form was not provided within five days of the event.

CORRECTIVE ACTIONS TO TAKE AND THE DEADLINE FOR TAKING SUCH ACTIONS:

On or before date January 7, 2022, Respondent shall take the following actions:

1. Submit a Sanitary Sewer Overflow Response Plan to MassDEP for review and approval which includes standard operating procedures for proper notification for any anticipated/unanticipated Sanitary Sewer Overflow (SSO). This procedure should be included in the Town of Belmont's sewer system operation and maintenance manual, and must include provisions, per 314 CMR 12.03(8) for timely notification to MassDEP. The Notification procedures should also extend to any affected resource managers (e.g., public water suppliers) where such resources are potentially affected. Include with the submittal the current Department of Public Works' organizational chart with position titles, contact phone numbers and email addresses, and SSO reporting duties.

Responses required for the above action items shall be sent to:

James Barsanti, P.E.
Environmental Engineer III
Department of Environmental Protection
205B Lowell Street, Wilmington, MA 01887
james.barsanti@mass.gov

IMPORTANT INFORMATION

A civil administrative penalty may be assessed for every day that you are in noncompliance with the requirements referred to in this notice as provided in G.L. c. 21A, § 16.

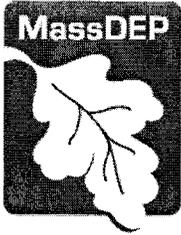
Notwithstanding this Notice of Noncompliance, the Department reserves the right to exercise the full extent of its legal authority in order to achieve full compliance with all applicable requirements including, but not limited to, criminal prosecution, court-imposed civil penalties, or civil administrative penalties.

Issuance/date mailed: December 2, 2021



Rachel Freed
Deputy Regional Director
Bureau of Water Resources

Certified Mail No. 7020 1290 0002 2671 8568



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Northeast Regional Office • 205B Lowell Street, Wilmington MA 01887 • 978-694-3200

Charles D. Baker
Governor

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Secretary

Martin Suuberg
Commissioner

Mr. Jason Marcotte, MPA
Director of Public Works
Town of Belmont
19 Moore Street, 1st Floor
Belmont, MA 02478

January 4, 2022

Re: **NOTICE OF NONCOMPLIANCE**
Enforcement Document Number: 00012454
Noncompliance with 314 CMR 12.03(8)
Review of Sanitary Sewer Overflow Response Plan and SSO Flow Chart

Dear Mr. Marcotte:

Pursuant to the above referenced Notice of Noncompliance (NON), the Northeast Regional Office of the Massachusetts Department of Environmental Protection (MassDEP) has received and reviewed your submission of the Town of Belmont's Sanitary Sewer Overflow (SSO) Response Instructions and SSO Flow Chart on December 7, 2021 via electronic mail. MassDEP has reviewed these documents and offers the following comments:

1. The SSO Response Instructions and Flow Chart should include the current date of the document and to allow for future revising and updating with a new date as necessary. Provide page numbers for the SSO Response Plan.
2. As noted in the NON, the SSO Response Plan must include the current Department of Public Works' organizational chart with position titles, contact phone numbers, and email addresses.
3. The SSO Response Plan should include a table with important emergency contact names, phone numbers and email addresses for the Board of Health, Community Development, Police/Fire, neighboring communities (if applicable), specialty or on-call contractors, pump and equipment supply and service providers, pumper/vactor truck services, utilities

This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.
TTY# MassRelay Service 1-800-439-2370
MassDEP Website: www.mass.gov/dep

Printed on Recycled Paper

contacts such as power, communications, Dig-Safe, etc., and any other contact information deemed relevant by the DPW.

4. Provide the public notification procedures and contacts that the DPW or Town utilizes for SSO events.
5. Provide a summary of the MassDEP reporting procedures, i.e., notification of MassDEP within 24 hours of the SSO event and submission of the DEP notification form within five days of the event. Insert the hyperlink to the DEP's Sanitary Sewer Overflow/Bypass Notification webpage:

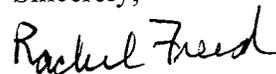
<https://www.mass.gov/how-to/sanitary-sewer-overflowbypassbackup-notification>

and include hard copies of the instructions and notification form as an Appendix in the SSO Response Plan.

6. The Standard Operating Procedures should include the specific procedures and materials that will be utilized to clean and disinfect areas impacted by an SSO. This includes the procedures and methods to address SSO effluent that reaches a catch basin and/or a wetlands or surface water resource area. Where backups into properties occur, it may be useful to consider MassDEP's Guidance on Flooding and Sewage Backups, and to make this available to property owners.
7. MassDEP notes that the Act Promoting Awareness of Sewage in Public Waters was enacted on January 12, 2021. Pursuant to that law, MassDEP will be promulgating regulations on January 7, 2022 with further requirements for reporting of some Sanitary Sewer Overflows which will impact the Town's SSO Response Plan. Those regulations will require the Town to submit an SSO Notification Plan on or before July 6, 2022. The Town's SSO Response Plan must be amended at that time to incorporate the requirements of the Act and subsequent regulations.

Please incorporate these review comments and resubmit the SSO Response Plan to MassDEP by January 31, 2022. If you have any questions regarding this matter, please contact James Barsanti of my staff at (978) 694-3253 or via email at james.barsanti@mass.gov.

Sincerely,



Rachel Freed
Deputy Regional Director
Bureau of Water Resources - NERO

cc: Kevin Brander & James Barsanti, MassDEP
Douglas Koopman, EPA
Glenn Clancy, Town of Belmont

Attachment 3
Sanitary Sewer Response Instructions
January 31, 2022

January 31, 2022

TOWN OF BELMONT

SANITARY SEWER OVERFLOW RESPONSE INSTRUCTIONS

STANDARD OPERATING PROCEDURES

Service Request Response Procedures

The enclosed flow chart depicts an overview of the process taken when crews are notified and actions are to be taken. The actual steps in the procedures are described in detail below:

The Belmont Department of Public Works Sewer Maintenance Crew provides 24-hour emergency services to investigate complaints from citizens. For emergencies during business hours, 8 am to 4 pm Monday thru Friday, the number is 1-617-993-2680. During all other hours the number to call is 911. Personnel are available each day of the year to receive and act on any calls related to problems in the sewer system including overflows. During business hours, emergency calls are received by the Department of Public Works' Operator. The Operator will dispatch the nearest Sewer Maintenance crew to the problem site. For after-hour emergencies, the Belmont E-911 Communications Center will call the Sewer Maintenance on-call employee. The employee who receives the emergency call will investigate the complaint and take appropriate action, including immediate dispatch of a standby crew with necessary equipment to take care of the problem or refer the call to other agencies if the problem is found not to be in our jurisdiction.

Sanitary Sewer Overflow Procedures

The following information provides the order of operations for crew response procedures relating to Sanitary Sewer Overflows (SSO):

1. Verify that the facility is one that the Department of Public Works has the responsibility to maintain. Notify the responsible maintenance agency if it is not our facility.
2. Assume that the overflow contains hazardous materials, particularly if it occurs in an industrial area. Crews shall stay upwind of any potential air contamination or fumes until it is determined to be safe to approach the origin of the SSO. If hazardous materials are suspected, crews are to notify the Belmont Fire Department so that a Hazmat investigation can be made immediately.
3. The crew responding to an overflow is required to set up containment, stop the overflow, and ensure that the facility or area is cleaned up and returned to normal operation. The crew shall also document the overflow with photographs of the point of overflow, property damage, traffic control, containment method, and point of entry to storm drain system. At this time, crews identify the probable cause of the overflow (i.e. grease, roots, rocks, etc.) and then remedial actions are taken to ensure the mainline is down and running normal. The complainant of the overflow is informed of the cause of the problem. Clean-up procedures and protocols are exercised in accordance to the MassDEP's Guidance on Flooding and Sewage Backups and will be made available to the public.

4. The crew must estimate the amount and duration of the SSO.
5. For overflows entering the storm water system the crew is required to trace and capture as much of the spill before it reaches waters of the United States.
6. All sanitary sewer overflows must be reported using Massachusetts Department of Environmental Protection no later than 24 hours after discovery. Contact for Belmont is the Northeast Region Number 978 694-3215.

<https://www.mass.gov/how-to/sanitary-sewer-overflowbypassbackup-notification>

7. Within 5 calendar days, a written and complete Sanitary Sewer Overflow (SSO)/Bypass Notification Form needs to be submitted. (copy attached)
8. Notify the Office of Community Development and the Health Department when an SSO enters the stormwater system.

**Department of Public Works
Organizational Chart – Highway / Sewer Administration**

Jay Marcotte, MPA
Director
617-993-2685 – office
617-821-7934 – cell
jmarcotte@belmont-ma.gov

Michael Santoro
Assistant Director
617-993-2686 – office
617-908-7399 – cell
msantoro@belmont-ma.gov

Richard Bemis
Operations Manager
617-993-2697 – office
617-908-2168 – cell
rbemis@belmont-ma.gov

Scott Troup
Fleet Maintenance Supervisor
617-993-2694 – office
617-308-3846 – cell
stroup@belmont-ma.gov

SSO Response Plan – Additional Emergency Contacts

- 1) Health Department – Wes Chin – Director
617-993-2720
wchin@belmont-ma.gov
- 2) Community Development – Glenn Clancy PE. – Director
617-993-2650
gclancy@belmont-ma.gov
- 3) Belmont Police Department – James MacIsaac – Chief
617-993-2525
jmacisaac@belmont-ma.gov
- 4) Belmont Fire Department – David DeStephano – Chief
617-993-2200
ddstephano@belmont-ma.gov
- 5) Belmont Light Department – Craig Spinelli – General Manager
617-993-2800
cspinelli@belmont-ma.gov
- 6) Dig Safe – Dial 811 for all digs

Following a reportable SSO event, the Town of Belmont will follow the Notification Procedures set forth in:

314 CMR 16.00 Notification Requirements to Promote Public Awareness of Sewage Pollution

Note to Reviewers on Notification for Blending Events and Standards for Public Health Warnings

Notification for Blending Events:

Blending is a practice utilized by permittees receiving flows from combined sewer systems, in which during some wet weather events, a portion of the flow to the wastewater treatment facility is diverted around biological or tertiary treatment, and then recombined with flows from the biological or tertiary treatment units and disinfected prior to discharge, as a measure to reduce discharges from combined sewer overflows (CSOs).

The Act requires permittees to issue public advisories when there is a discharge of untreated or partially treated wastewater. Recognizing that blending reduces discharges from CSOs and that discharges of blended wastewater from many permittees meet numeric permit effluent limits, MassDEP's draft regulations propose to require different and less detailed notifications for releases of blended wastewater, provided that specific conditions, listed below, are met. Permittees would not be required to issue full public advisory notifications, as defined by the regulations, for releases of blended wastewater that satisfy these conditions, but instead would post blended wastewater notifications on their websites when blending occurs.

MassDEP has proposed that notification of a release of blended wastewater is satisfied if a permittee does the following:

1. Includes information in its CSO Public Notification Plan that demonstrates blending events only occur under certain conditions and are predicted to meet NPDES and surface water discharge permit effluent limits based on historic effluent data collected during blending events, and receives MassDEP approval of the Plan (314 CMR 16.06(1)(e)); and
2. Posts notifications on its website of when a blending event has occurred (314 CMR 16.05(1)(f)), when the blending event ends, and a statement that the permittee's blended wastewater is predicted to meet NPDES and Surface Water Discharge permit effluent limits, which are established to protect public health.

MassDEP is interested in public comment and feedback on the provisions in the regulations described above, as well as other potential requirements for information about blending. This could include the following information on the permittee's website:

- a. An explanation of what blending events are and why permittees with combined sewer systems practice blending.
- b. An explanation that NPDES and Surface Water Discharge permits require permittees with combined sewer systems to implement EPA's Nine Minimum Controls for CSOs, which include maximization of flow to the POTW (Publicly

- Owned Treatment Works) for treatment.
- c. An explanation that EPA's 1994 CSO Control Policy acknowledges that maximizing the delivery of flows to the wastewater treatment facility during wet weather events (which can be accomplished through blending) is an effective strategy to reduce pollution from CSO discharges.

Standards for Public Health Warnings

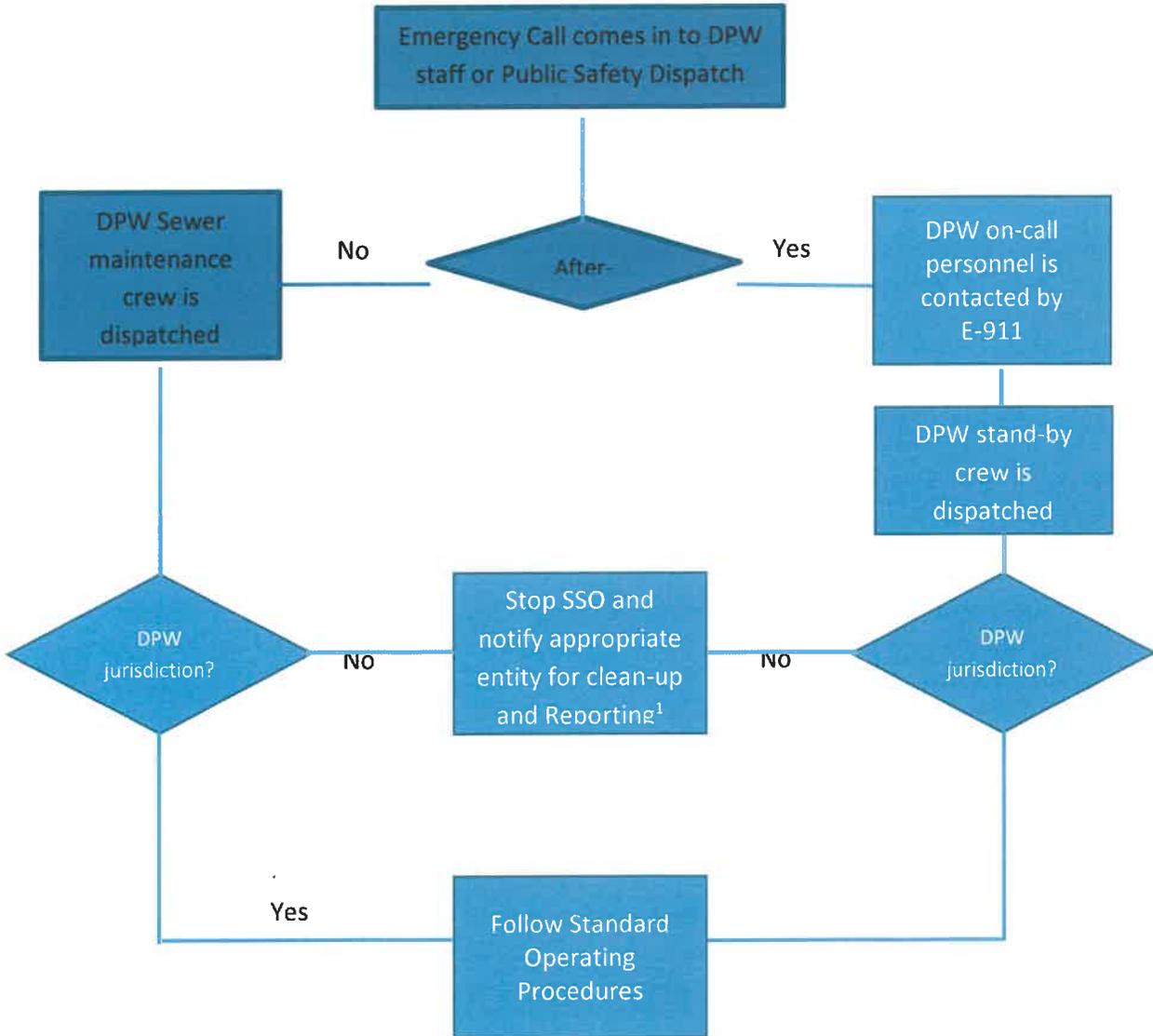
The Act requires MassDEP to consult with the Massachusetts Department of Public Health to establish standards for when municipal boards of health or health departments shall issue public health warnings about discharges to protect public health. MassDEP must determine when these warnings shall be issued. MassDEP has proposed in 314 CMR 16.09(1) to require boards of health or health departments in municipalities directly affected by the discharge to issue a public health warning when a public advisory notification is issued.

In addition to requiring the use of the municipality's existing emergency notification system when warnings are necessary, the regulations require boards of health or health departments to post temporary signage at locations affording access to the waterbody in municipalities directly affected by the discharge. The sign shall read: "WARNING! AVOID CONTACT WITH WATER – MAY CAUSE ILLNESS" and display an infographic showing no fishing, boating, or swimming.

MassDEP is interested in public comment and feedback specifically on the provisions related to Public Health Warnings in 314 CMR 16.09. More specifically, feedback is requested on the provisions concerning:

- a. which events require issuance of a public health warning;
- b. temporary signage during active events;
- c. the content of warning for CSO discharges, and other discharges (such as pump station failure);
- d. methods for effectively conveying the warning for people most at risk; and
- e. the practical ability of Boards of Health to effectuate the public health warning and temporary signage requirements.

Town of Belmont
SSO Reporting Procedures Flow Chart



¹ An SSO can cause significant environmental damage. DPW should make every effort to contain and stop the overflow before notifying the appropriate jurisdiction

Sanitary Sewer Overflow (SSO)/Bypass Procedures & Notification Form

Who must notify DEP about an overflow or bypass, and when?

Any owner or operator of the following facilities:

- Municipal, state, federal, regional, industrial or other private wastewater collection system;
- Wastewater utility;
- Wastewater treatment works;
- Facility with a groundwater discharge permit;
- Facility with a surface water discharge permit.

This requirement includes any owner or operator of a satellite municipal collection system or other collection system that is part of a larger POTW not under the same ownership and control.

The following situations require notification to DEP and submittal of the SSO Report Form:

- An un-permitted overflow or bypass;
- Backup of wastewater into public or private property when the event is caused by a condition of the system owned and operated by the sewer authority
- In a combined sewer system, an overflow or bypass during dry weather conditions or at a location not covered by a NPDES permit, or from a portion of the system that has a separate sanitary sewer.

Backups of wastewater into a property which are not caused by conditions in the system owned and operated by the sewer system are not required to be reported. These incidents normally occur due to blockages in service connections to a property or blockages in the internal plumbing system.

What are the procedures for reporting?

Step One:

Immediate Telephone and/or email notification to MassDEP, EPA, and other parties:

Notification to MassDEP and other regulatory authorities is a critical element of the SSO response plan. Notification must be made as soon as possible, and no later than 24 hours after discovery of the event. The agency notifications should include all responsible officials whose duties include management of resources which may be affected by the SSO discharge. A list of agencies, contact staff, phone numbers, and emails should be kept by the Sewer Authority and posted for easy access to responsible staff. A list of some relevant agencies follows:

Agency:	Contact	Requirements

<p>MassDEP</p>	<p>During business hours:</p> <p>Northeast Region: (978) 694-3215</p> <p>Central Region: (508) 792-7650</p> <p>Southeast Region: (508) 946-2750</p> <p>Western Region: (413) 784-1100</p> <p>24-hour Emergency Line: 1-888-304-1133</p> <p>If you are not sure which Massachusetts DEP Regional Office oversees your facility, go to https://www.mass.gov/service-details/massdep-regional-offices-by-community.</p>	<p>Report all SSO events to relevant regional office</p> <p>Report SSO's to emergency line during non-business hours</p>
<p>EPA</p>	<p>EPA New England: (617) 918-1510</p> <p>OR</p> <p>Southeast Region: David Turin, (617) 918-1598</p>	<p>Report all SSO events</p>

	Northeast, Central and Western Regions: Douglas Koopman, (617) 918-1747	
Local Board of Health	List of local BOH contact information available at https://mhoa.com/municipal-links/	Report all SSO events to local BOH(s) where impacts may occur
Department of Conservation and Recreation	State House Ranger Base 617-722-1188	Where DCR beaches or parks affected
MA Division of Marine Fisheries	Boston/Northeast: 617-727-3336 x 165 Southeast: 508-563-1779 x 122	Where shellfish resources may be affected
Drinking Water Resource Managers	List of Drinking Water Supply contacts available at https://www.mass.gov/media/831461/download	Where Drinking Water Resources may be affected

Hazardous Material Releases: If you believe an overflow, bypass, or any other discharge may have resulted in an oil or hazardous material release, report it to DEP at any time, 24 hours a day, at this toll free number: 1-888-304-1133.

MassDEP may require, on a case-by-case basis, more extensive reporting of the SSO event where determined necessary to protect users of resources affected by SSO discharges.

Step Two:

Submit a written report to DEP within five (5) calendar days of the time you become aware of the overflow, bypass or backup. DEP requires the use of the MassDEP Sanitary Sewer Overflow (SSO)/Bypass notification form, unless an alternative reporting form is authorized by MassDEP in writing.

The Notification form should be fully completed, and shall include a clear description of the overflow, or bypass and its causes, including the best approximation of the dates and times, and if the situation has not been corrected, the amount of time the overflow/bypass is expected to continue, and a description of the measures to be implemented to stop the discharge. The Form or attachments must also include steps taken or planned to reduce, eliminate, and prevent recurrence.

If you have a discharge permit, check the Monitoring and Reporting Section of your permit to determine if your *Notification Form* should be sent to the attention of DEP's regional Bureau of Waste Prevention (industrial facilities) or the regional Bureau of Water Resources (nonindustrial facilities). All municipal facilities shall submit their reports to the Bureau of Water Resources.

Fax the *Notification Form* to the attention of the Bureau of Water Resources in your DEP regional office and to the appropriate EPA personnel depending on your DEP region:

- Massachusetts Department of Environmental Protection, Northeast Regional Office, 205B Lowell Street, Wilmington, MA 01887. Fax: 978-694-3499.
- Massachusetts Department of Environmental Protection, Central Regional Office, 8 New Bond Street, Worcester, MA 01606. Fax: 508-792-7621.
- Massachusetts Department of Environmental Protection, Southeast Regional Office, 20 Riverside Drive, Lakeville, MA 02347. Fax: 508-947-6557.
- Massachusetts Department of Environmental Protection, Western Regional Office, 436 Dwight Street, Springfield, MA 01103. Fax: 413-784-1149.
- U.S. Environmental Protection Agency, Water Technical Unit (OES 04-4), 5 Post Office Square – Suite 100, Boston, MA 02109-3912
 - Southeast Region: David Turin, Fax 617-918-0598
 - Northeast, Central and Western Regions: Douglas Koopman, Fax (617) 918-0747

What should I do if I'm not sure of the information I am providing?

For required items such as time of occurrence, causes of incident, volume of overflow, etc., PROVIDE YOUR BEST ESTIMATE OR ASSESSMENT AT THE TIME OF THIS REPORT. You can submit any additions or corrections later.

What is the best way to report the exact location of the overflow, or bypass?

Include with your *Notification Form* a copy of a map indicating its location. Please use 8 ½ " by 11" paper at an appropriate scale between 1:5000 to 1:25000. Specifying the geographic location will help DEP determine the public health and water quality impacts associated with overflows and bypasses.

Why do I need to report backups into buildings?

DEP wants to ensure that sewage backups into buildings as a result of problems in the sewer system are properly repaired and measures are put in place to reduce the likelihood of recurrence. Owner/operators of sewer systems that caused a backup may need to repair, rehabilitate, or upgrade the hydraulic

capacity of their system, or change their operations and maintenance procedures.

Are there some overflows or Bypass that are not subject to these reporting requirements?

DO NOT use the *Sanitary Sewer Overflow (SSO)/Bypass Notification* Form in the following situations:

- The overflow is from a properly permitted Combined Sewer Overflow structure. Follow the reporting requirements in your NPDES Permit.
- You are reporting an overflow or bypass of sewage for a collection system or treatment works that is not under your ownership and control. However, please assist DEP by immediately reporting to the appropriate DEP Regional Office by phone or fax any overflows or bypass incidences for facilities other than your own which involve a discharge of wastewater to the environment.

What are the state regulations that apply to this notification? Where can I get copies?

These regulations include, but are not limited to:

- Surface Water Discharge Regulations, 314 CMR 3.00
- Groundwater Discharge Regulations, 314 CMR 5.00
- Sewer Connection Regulations, 314 CMR 7.00
- Operation and Maintenance Regulations, 314 CMR 12.00

Official copies of the regulations may be purchased at:

State Bookstore
State House, Room 116
Boston, MA 02133
617-727-2834

State Bookstore
436 Dwight Street
Springfield, MA 01103
413-784-1376



Massachusetts Department of Environmental Protection
 Bureau of Water Protection – Wastewater Management Program
Sanitary Sewer Overflow (SSO)/Bypass
Notification Form

FOR DEP USE ONLY

Tax Identification Number _____

A. Reporting Facility

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



See DEP Regional Office telephone and fax numbers at the end of this form.

1. Facility Information

Reporting Sewer Authority _____

Permit # _____

2. Authorized Representative Transmitting Form:

First Name _____

Last Name _____

Telephone No. _____

Title _____

E-mail Address _____

B. Phone Notifications:

1. **MassDEP staff** contacted:

first name _____

last name _____

Date/Time contacted:

Date _____

Time _____

am

pm

2. **EPA staff** contacted:

first name _____

last name _____

Date/Time EPA contacted:

Date _____

Time _____

am

pm

3. Board of Health contacted:

First Name _____

Last Name _____

Date/Time contacted:

Date _____

Time _____

am

pm

4. Others notified (select all that apply);

Conservation Commission

Harbormaster

Shellfish Warden

Division of Marine Fisheries

Downstream Drinking Water Supplier

Watershed Association

Beach Resource Manager Other: _____

(specify)

C. SSO Information

1. SSO Discovered:

Date _____

Time _____

am

pm

By: _____

2. SSO Stopped:

Date _____

Time _____

am

pm

3. SSO Discharge from:

Sanitary Sewer Manhole

Pump Station

Backup into Property

Other: _____

(specify)

4. SSO Discharge to: Ground Surface (no release to surface water)

Direct to Receiving Water

(surface water)

Catch basin to Receiving Water

(surface water)

Backup into Property Basement



Massachusetts Department of Environmental Protection
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Sanitary Sewer Overflow (SSO)/Bypass
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Tax Identification Number _____

C. SSO Information (cont.)

Location: _____
 (Description of discharge site or closest address)

5. Estimated SSO Volume at time of this Report: _____

Method of Estimating Volume: _____

6. Cause of SSO Event:

Rain Event Pump Station Failure Insufficient Capacity in System

Treatment Unit failure

Sewer System Blockage: Pipe Collapse Root Intrusion Grease Blockage

Other: _____
 (Specify)

7. Corrective Actions Taken:

Impact Area cleaned and/or disinfected: Yes No

Corrective Actions Completed: Yes No

D. Comments/Attachments/Follow-up

I wish to provide (select all that apply):

Attachment Additional comments below: No additional comments or attachments

Additional comments and planned actions:



Massachusetts Department of Environmental Protection
Bureau of Water Protection – Wastewater Management Program
Sanitary Sewer Overflow (SSO)/Bypass
Notification Form

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Tax Identification Number

E. Certification Statement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative

Date Signed

Please keep a copy of this report for your records. When submitting additional information, include the MassDEP Incident Number from this report.

MassDEP Regional Office and EPA Telephone and Fax Numbers:

Northeast Region	Phone: 978-694-3215	Fax: 978-694-3499
Southeast Region	Phone: 508-946-2750	Fax: 508-947-6557
Central Region	Phone: 508-792-7650	Fax: 508-792-7621
Western Region	Phone: 413-784-1100	Fax: 413-784-1149
EPA	Phone: 617-918-1510	
EPA for Southeast Region, David Turin	Phone: 617-918-1598	Fax: 617-918-0598
EPA for Northeast, Central and Western Regions, Douglas Koopman	Phone: 617-918-1747	Fax: 617-918-0747
DEP 24-hour emergency	Phone: 888-304-1133	