

Memorandum

To: Cambria Ung, P.E., Stormwater Program Manager, Cambridge DPW
Fr: Elizabeth Olson (SDE) and Jen Zoppo (Stantec)
Re: **Illicit Discharge Detection and Elimination Investigation Progress - Permit Year 5**
Dt: September 15th, 2023

This memo summarizes the progress made on the IDDE catchment investigations during the Year 5 reporting period of July 1, 2022, through June 30, 2023.

Catchment investigations continued during Permit Year 5 based on the City's priority ranking:

- Thirteen (13) catchment investigations continued from prior years, including 12 MS4 catchment areas and one combined/future separation area.
- Three (3) more catchments were identified for investigation including one MS4 area (D36 - Alewife Quadrangle), and two combined/future separation areas (D22 - Kirkland St and D30 - Willard St).

Below is the summary of the catchment investigations including dry weather junction manhole inspections, dye testing, CCTV, and wet weather screening conducted in each catchment area under investigation during Permit Year 5.

COMPLETE CATCHMENT INVESTIGATIONS:

The following catchment investigations were determined to be complete by the end of Permit Year 5: D17A - Western Ave, D12 - Talbot St, and D44 - Matignon Rd.

D12 - Talbot St

SDE completed wet weather screening for D12 on 1/13/2023 and 6/28/2023. The outfall and downstream pipe segments are submerged therefore screening took place at two upstream locations. Results did not meet likely sewer input indicators, therefore the catchment investigation is considered complete.

- Screening #1 was completed at D12DMH0705. Both inlets were flowing therefore a sample was collected at the outlet.
- Screening #2 was completed at drain structure ACCESS231. The southwest outlet was observed dry. A second smaller 15" southwest outlet appeared to be flowing and was sampled.
- See Appendix A for the details on the wet weather screening.

D17A - Western Ave

SDE completed wet weather sampling for D17A in January 2023 and the results did not meet the likely sewer input indicators. The sample was collected at manhole D17DMH0300 because the outfall is submerged and the drain line downstream of that manhole has standing water. This catchment area is a new drain and as-builts were submitted with the Year 3 annual report to document it. This area is now considered complete.

- See Appendix A for details on wet weather screening.

D44 - Matignon Rd Drainage Area

No dry weather manhole inspections were performed in this area by SDE between July 1, 2022, through June 30, 2023.

One address, 26-27 Alewife Brook Parkway, adjacent to standing water found during the Year 2 investigations, was dye tested and the result was legal. This was the last outstanding building identified for dye testing in this area.

After dye testing was completed, both dry weather and wet weather outfall screening were conducted for outfall D44OF0000. Wet weather sampling was completed at the outfall in January 2023. Dry weather sampling was completed in December 2022 at upstream manholes because the outfall was submerged. Manhole D44DMH0015 and the southwest inlet of D44DMH0100 were observed dry and a sample was collected from the flow at D44DMH0115. Since the results from both screenings were less than the thresholds for likely sewer indicators this area is now considered complete.

- See Appendix A for details on dry and wet weather screening.

ONGOING CATCHMENT INVESTIGATIONS:

D01 - Fainwood Circle Drainage Area

This area is a non-MS4 drainage area as it discharges to a combined sewer system. Investigations in this area were conducted as part of future sewer separation work. No dry weather manhole inspections and no building dye tests were performed in this area by SDE between July 1, 2022, through June 30, 2023.

Based on prior years dye test results, three (3) building sanitary laterals and two (2) drain laterals were televised during February and March 2023. Defects were observed and the sanitary laterals have been added to the City's lining contract to be lined during Permit Year 6.

D07 - Broad Canal Drainage Area

No dry weather manhole inspections and no building dye tests were performed in this area by SDE between July 1, 2022, through June 30, 2023.



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Three (3) buildings remain to be dye tested. Due to submerged drains in this area, the remaining dye tests must be completed during bypass pumping which is planned to occur during construction of a private development project (Volpe). Dye tests will proceed based on the construction schedule and are likely to occur during Permit Year 6.

D10 - Endicott St

No dry weather manhole inspections and no building dye tests were performed in this area by SDE between July 1, 2022, through June 30, 2023.

Under dry weather conditions and small storm events this catchment area discharges to the MWRA sewer via a 6" underflow at the intersection of Pacific St and Landsdowne St. SDE attempted to complete wet weather screening during January 2023 but identified that the drain was submerged on Pacific St upstream of the MWRA sewer underflow. As a result, the City completed cleaning of the MWRA sewer connection during Year 5. During Permit Year 6 SDE plans to make another attempt to complete wet weather sampling at the weir located downstream at D10DMH0005. This will require targeting specific storm events that are likely to trigger an overflow at the weir.

D19 - Flagg St Drainage Area

No dry weather manhole inspections and no building dye tests were performed in this area by SDE between July 1, 2022, through June 30, 2023.

SDE will continue to attempt to reinspect the standing water pipe segments in this area during a future extended period of dry weather. If the standing water is still present, the area will have to be cleared through dye testing.

D21 - DeWolfe St Drainage Area

No dry weather manhole inspections were performed in this area by SDE between July 1, 2022, through June 30, 2023.

Dye testing was conducted in this area during Permit Year 5 based on the remaining addresses identified from the Year 3 investigation. The results of all dye tests conducted were legal.

- See Appendix B for the list of buildings tested.

SDE conducted dye tests at 6 Marie Ave, 64 Highland Ave, 36 Dana St during Year 4 that indicated internal illicit connections. During Year 5 the City confirmed these illicit connections through CCTV and plans to pursue corrective action with the homeowners in Year 6.

D22 - Kirkland St Area

Dry weather manhole inspections were conducted in this area during Permit Year 5. Most of the catchment area was cleared by dry weather inspections but a few locations

had standing water or low levels of contamination. Standing water was found on Sumner Rd, Magnolia Ave, and Kirkland St. Contamination was found on Oxford St, Sumner Rd, and Lamont Ave.

- See Appendix C for details on the contamination findings.

Buildings were identified for dye testing based on their proximity to the contamination as well as the standing water on Sumner Rd that was upstream of the contamination. Building dye tests commenced in Year 5 and are planned to continue into Year 6. The results of all dye tests conducted during Year 5 were legal.

- See Appendix D for the list of buildings tested.

D27 - University Rd Drainage Area

No dry weather manhole inspections and no building dye tests were performed in this area by SDE between July 1, 2022, through June 30, 2023.

D30 - Willard St Area

Dry weather manhole inspections were started in this area towards the end of Permit Year 5. This is a sewer separation project with a new stormwater outfall scheduled to be activated during Year 6. Initial findings indicate no contamination in the upper catchment and some standing water on Willard St in the lower portions of the catchment, close to the outfall. Some follow-up dry weather manhole inspections are planned for Year 6. Based on those results, buildings adjacent to the standing water will be identified for dye testing.

D31 - Sparks St Drainage Area

No dry weather work was performed in this area by SDE between July 1, 2022, through June 30, 2023.

Building dye tests were conducted in this area during Permit Year 5 at two addresses. SDE originally dye tested 3 Gray Gardens West during Year 4 and the results indicated a potential illicit connection. During Year 5, CCTV crew monitored the storm drain and sewer while SDE performed the same tests from Year 4 again. While no direct connection to the storm drain was found, the CCTV crew was able to verify that dye from the sewer lateral was leaking into the drain. The City plans to line the sewer lateral of 3 Gray Gardens West in Year 6. SDE had also originally dye tested 91 Garden St in Year 4 and all results came back as legal. However, CCTV footage showed a possible connection to the storm drain. Additional testing was conducted in Year 5 while the CCTV crew was present, and all results were legal except one fixture. A sink in the garage of 91 Garden St tested no dye found in both the storm drain and sewer after 1 hour. The homeowner stated that this fixture had not been used in 30 years. The City will revisit 91 Garden Street during Year 6 if contamination is still present in the drain after the illicit at 3 Gray Gardens West is eliminated.



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Healy Street sewer infrastructure defects: During Year 6 the City intends to complete test pits along Healy St sewer main to determine the cause of bulges observed in the sewer that was re-laid with PVC in FY2015.

#2 Hemlock *potential* illicit connection: During Year 5 Rapid Flow attempted to televise the sanitary lateral for #2 Hemlock St during March 2023 but they were unable to complete it due to concrete in the mainline. During Year 6 the City intends to rehab the sewer main and line the sewer lateral for 2 Hemlock St if defects are identified.

D33 - Blanchard Rd Drainage Area

No dry weather manhole inspections were performed in this area by SDE between July 1, 2022, through June 30, 2023.

Building dye tests were conducted at one address in this area during Permit Year 5 based on the remaining addresses identified from the Year 4 investigation. Dye tests conducted at 61-63 St Sauveur St (also listed as 61-63 May St) were legal.

Rapid Flow televised the sanitary lateral for 18 Corcoran Ln on 3/1/2023, which connects directly to sewer manhole S60SMH0240 via a southwest inlet. This lateral was targeted based on dye tests completed during Year 4 that indicated this sewer lateral may be susceptible to exfiltration (dye was seen entering the MH thru the inlet and thru the manhole wall/bench). During CCTV some defects (cracks) were observed. Therefore, the lateral has been added to the City's lining contract to be lined during Permit Year 6.

D36 - Alewife Quadrangle Area

Most of this catchment area has been investigated under prior City contracts. The remaining area that has not previously been investigated is downstream of Drain Vault 5 located at Concord Ave and Alewife Brook Parkway. IDDE catchment investigations for this remaining area commenced during Permit Year 5.

Dry weather manhole inspections were conducted, and results were mixed with some drain being cleared but a fair amount of standing water and contamination was found. Standing water and contamination was found on Fawcett St, Smith Pl, Moulton St, and Concord Ave.

- See Appendix E for details on the contamination and standing water findings.

Buildings were identified for dye testing based on their proximity to the contamination and the standing water identified. Building dye tests were started in Year 5 and are planned to continue into Year 6. The results of all dye tests conducted have largely been legal, but some buildings have had one or more fixtures test no dye found. Buildings that had test results of no dye found in both the sewer and storm drain include, 45-47 Moulton St, 725 Concord Ave, 61 Moulton St, 679 Concord Ave. For all of these buildings there were also legal dye tests completed. Most of the no dye found fixtures

were located in lab areas and this result could be because of the presence of holding and/or treatment tanks. All of other building dye tests had legal results.

- See Appendix F for the list of buildings tested.

D38 - Jackson Place Drainage Area

No dry weather manhole inspections were performed in this area by SDE between July 1, 2022, through June 30, 2023.

Low levels of contamination were identified in an unmapped inlet to D38DMH0095 during the Permit Year 3 investigation. This inlet was televised during Year 5 to determine the origin. During March 2023 Rapid Flow confirmed the unmapped inlet is coming from two drain structures within the walkway to the north which appear to be new private water quality structures. As a result, further dye testing was conducted at buildings near the unmapped inlet to D38DMH0095. Additionally, more buildings in this area were identified for dye testing based on standing water observed during dry weather manhole inspections completed during Year 3. Legal building dye tests were conducted at 30 Cambridgepark Drive, 314 Rindge Ave and 100 Cambridgepark Drive. There was also one no dye found test conducted at 100 Cambridgepark Drive. This test was done on a pH treatment / holding tank which may be the cause of the result. SDE plans to continue conducting dye tests and attempt to gain access to the buildings identified in this area during Year 6.

D46 - Acorn Park Dr Drainage Area

No dry weather manhole inspections and no building dye tests were performed in this area by SDE between July 1, 2022, through June 30, 2023.

Based on observations of standing water in the drain during Permit Year 4, Rapid Flow mobilized to clean the drains during Permit Year 5 (March 2023) but the receiving water level was too high. The City is periodically checking the water level and will re-initiate cleaning during Year 6 when conditions allow.

Appendix A: Wet and Dry Weather Screening Results

Inspection Date	Weather	Drainage Area	Sampled Location (Outfall or MH ID)	Field Ammonia Value	Field Surfactants Value	Field Chlorine Value	E. Coli (MPN/100ml)	Total Phosphorus	Dissolved Oxygen	BOD5	TSS	Oil & Grease	Lab Ammonia Results	Lab Surfactants Results	Total Copper	Total Lead	Chloride
12/21/2022	Dry	D44 - Matignon Rd	D44DMH0115	0 mg/l	0 mg/l	0.32 mg/l	< 1	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken
1/13/2023	Wet	D12 - Talbot St	D12DMH0705	0 mg/l	0 mg/l	0 mg/l	416.02	0.071 mg/l	6.5 mg/l	0 mg/l	14 mg/l	0 mg/l	0.181 mg/l	0 mg/l	Not Taken	Not Taken	Not Taken
1/23/2023	Wet	D17A - Western Ave	D17DMH0300	0 mg/l	0 mg/l	0.05 mg/l	261.25	0.077 mg/l	10.82 mg/l	0 mg/l	44 mg/l	0 mg/l	0.116 mg/l	0 mg/l	Not Taken	Not Taken	Not Taken
1/23/2023	Wet	D44 - Matignon Rd	D44OF0000	0 mg/l	0.5 mg/l	0.1 mg/l	517.21	0.044 mg/l	Not Taken	0 mg/l	Not Taken	0 mg/l	0.146 mg/l	0 mg/l	0 mg/l	0 mg/l	250 mg/l
6/28/2023	Wet	D12 - Talbot St	ACCESS231	0.4 mg/l	0.5 mg/l	0.23 mg/l	20142	0.141 mg/l	5.06 mg/l	4.6 mg/l	66 mg/l	0 mg/l	Not Taken	Not Taken	Not Taken	Not Taken	Not Taken

Appendix B: D21 - DeWolfe St Buildings Dye Tested

Inspection Date	Drainage Area	Building ID	Address ID	StreetNo	StreetNoExt	Street	Drain MH	TestResults
9/28/2022	D21 - Dewolfe St	399-7	12167	43		Dana St	D21DMH2600	Legal
9/27/2022	D21 - Dewolfe St	414-6	8025	44		Dana St	D21DMH2600	Legal
9/1/2022	D21 - Dewolfe St	335-24	9681	67		Dana St	D21DMH2602	Legal
9/27/2022	D21 - Dewolfe St	335-19	9969	71		Dana St	D21DMH2602	Legal
7/7/2022	D21 - Dewolfe St	335-19	9969	71		Dana St	D21DMH2205	Legal
7/7/2022	D21 - Dewolfe St	335-13	10036	73		Dana St	D21DMH2205	Legal
8/23/2022	D21 - Dewolfe St	335-12	10035	73A		Dana St	D21DMH2602	Legal
9/27/2022	D21 - Dewolfe St	420-10	11494	2		Goodman Rd	D21DMH1735	Legal

Appendix C: D22 - Kirkland St Contamintaion Findings

Inspection Date	Drainage Area	MH ID	Pipe ID	Pipe Direction	Location	Field Ammonia Value	Field Surfactants Value	Field Chlorine Value	E. Coli (MPN/100ml)	Lab Ammonia Results	Lab Surfactants Results	Contamination Found By
1/10/2023	D22 - Kirkland	D22DMH2010	D22DMH4805_D 22DMH2010	NW	Oxford St	3 mg/l	0.75 mg/l	0 mg/l	4479	1.84 mg/l	0.12 mg/l	Positve Test Kit During Inspection
1/10/2023	D22 - Kirkland	D22DMH2505	D22DMH2510_D 22DMH2505	SW	Sumner Rd	0 mg/l	0.5 mg/l	0 mg/l	116.19	0 mg/l	0.05 mg/l	Positve Test Kit During Inspection
1/9/2023	D22 - Kirkland	D22DMH2490	D22DMH4100_D 22DMH2490	S	Lamont Ave	0 mg/l	0.5 mg/l	0.17 mg/l	2	0.127 mg/l	0 mg/l	Positve Test Kit During Inspection

Appendix D: D22 - Kirkland St Buildings Dye Tested

Inspection Date	Drainage Area	Building ID	Address ID	StreetNo	StreetNoExt	Street	Drain MH	TestResults
4/11/2023	D22 - Kirkland	241-61	763	17		Kirkland St	D22DMH2010	Legal
3/16/2023	D22 - Kirkland	299-3	776	38		Kirkland St	D22DMH2510	Legal
3/30/2023	D22 - Kirkland	296-16	777	40		Kirkland St	D22DMH2055	Legal
3/15/2023	D22 - Kirkland	302-16	11997	2		Lamont Ave	D22DMH4100	Legal
3/9/2023	D22 - Kirkland	302-15	7596	3		Lamont Ave	D22DMH4100	Legal
6/29/2023	D22 - Kirkland	302-5	11998	5		Lamont Ave	D22DMH2490	Legal
6/29/2023	D22 - Kirkland	302-10	11377	9		Magnolia Ave	D22DMG2490	Legal
3/9/2023	D22 - Kirkland	302-12	3575	17		Magnolia Ave	D22DMH2485	Legal
3/15/2023	D22 - Kirkland	302-13	4091	19		Magnolia Ave	D22DMH2485	Legal
6/29/2023	D22 - Kirkland	266-18	380/28702/32074	1	-7	Oxford St	D22DMH2010	Legal
6/15/2023	D22 - Kirkland	266-16	26151	9		Oxford St	D22DMH2010	Legal
6/15/2023	D22 - Kirkland	266-12	379	11		Oxford St	D22DMH2010	Legal
4/4/2023	D22 - Kirkland	299-10	23953	3		Sumner Rd	D22DMH2515	Legal
3/30/2023	D22 - Kirkland	299-9	773	7		Sumner Rd	D22DMH2515	Legal
4/4/2023	D22 - Kirkland	299-7	1680/32365	11	-13	Sumner Rd	D22DMH2505	Legal
3/30/2023	D22 - Kirkland	296-31	2653	14		Sumner Rd	D22DMH2515	Legal
3/21/2023	D22 - Kirkland	296-46	31576	16		Sumner Rd	D22DMH2505	Legal
4/4/2023	D22 - Kirkland	299-5	775	17		Sumner Rd	D22DMH2505	Legal
3/21/2023	D22 - Kirkland	296-46	31577	18		Sumner Rd	D22DMH2505	Legal
3/30/2023	D22 - Kirkland	296-24	26330	20		Sumner Rd	D22DMH2515	Legal

Appendix E: D36 - Alewife Quadrangle Contaminant and Standing Water Findings

Inspection Date	Drainage Area	MH ID	Pipe ID	Pipe Direction	Location	Field Ammonia Value	Field Surfactants Value	Field Chlorine Value	E. Coli (MPN/100ml)	Lab Ammonia Results	Lab Surfactants Results	Contamination Found By
10/10/2022	D36 - Alewife Quadrangle	D36DMH4715	D36DMH4720_D36DMH4715	SE	Smith Pl	0.25 mg/l	2 mg/l	1.81 mg/l	7936	1.12 mg/l	8.92 mg/l	Positive Test Kit During Inspection
10/19/2022	D36 - Alewife Quadrangle	D36DMH5001	D36DMH5001_D36DMH4510	SW	Moulton St	0.3 mg/l	0.25 mg/l	0.07 mg/l	152.86	0 mg/l	0 mg/l	Positive Test Kit During Inspection
10/11/2022	D36 - Alewife Quadrangle	D36DMH4115	D36DMH4120_D36DMH4115	NW	Fawcett St	0 mg/l	1 mg/l	0 mg/l	100	Not Taken	0.26 mg/l	Positive Test Kit During Inspection
10/11/2022	D36 - Alewife Quadrangle	D36DMH4120	D36DMH4125_D36DMH4120	NW	Fawcett St	0 mg/l	2 mg/l	2.44 mg/l	100	Not Taken	0.73 mg/l	Positive Test Kit During Inspection
10/19/2022	D36 - Alewife Quadrangle	D36DMH5007	D36DMH5010_D36DMH5007	SW	Moulton St	0.1 mg/l	0.25 mg/l	0 mg/l	73.28	0 mg/l	0 mg/l	Positive Test Kit During Inspection
12/19/2022	D36 - Alewife Quadrangle	D36DMH5510	D36DMH5512_D36DMH5510	NW	Concord Ave	0.25 mg/l	0.5 mg/l	1.28 mg/l	16.52	1.46 mg/l	0.88 mg/l	Positive Test Kit During Inspection
12/20/2022	D36 - Alewife Quadrangle	D36DMH4015	FIT0921_D36DMH4010	S	Fawcett St	0.1 mg/l	0.25 mg/l	0.46 mg/l	5.16	0.504 mg/l	0 mg/l	Positive Test Kit During Inspection
12/19/2022	D36 - Alewife Quadrangle	D36DMH6005	D36DMH6007_D36DMH6005	SE	Alewife Brook Pkwy	0.25 mg/l	0.25 mg/l	1.08 mg/l	4	1.72 mg/l	0 mg/l	Positive Test Kit During Inspection
10/19/2022	D36 - Alewife Quadrangle	D36DMH4515	D36DMH4605_D36DMH4515	NW	Moulton St	0.6 mg/l	0.25 mg/l	0 mg/l	2.02	0.7 mg/l	0 mg/l	Positive Test Kit During Inspection
12/20/2022	D36 - Alewife Quadrangle	D36DMH5315	D36DMH5320_D36DMH5315	S	Fawcett St	0.8 mg/l	0.25 mg/l	0.05 mg/l	1	1.06 mg/l	0 mg/l	Positive Test Kit During Inspection
12/19/2022	D36 - Alewife Quadrangle	D36DMH5310	D36DMH5315_D36DMH5310	S	Fawcett St	1 mg/l	0.25 mg/l	0.2 mg/l	1	1.01 mg/l	0 mg/l	Positive Test Kit During Inspection
12/20/2022	D36 - Alewife Quadrangle	D36DMH5318	D36DMH5319_D36DMH5318	NE	Fawcett St	1 mg/l	0.25 mg/l	0.1 mg/l	1	0.91 mg/l	0 mg/l	Positive Test Kit During Inspection
10/11/2022	D36 - Alewife Quadrangle	D36DMH4705	D36DMH4630_D36DMH4705	W	Smith Pl	0.8 mg/l	0.5 mg/l	0.09 mg/l	1	0.768 mg/l	0 mg/l	Positive Test Kit During Inspection
12/19/2022	D36 - Alewife Quadrangle	D36DMH6007	D36DMH0008_D36DMH6007	NE	Alewife Brook Pkwy							N/A - Standing Water
10/11/2022	D36 - Alewife Quadrangle	ACCESS240	D36DMH4113_FIT3646	SW	Fawcett St							N/A - Standing Water
10/11/2022	D36 - Alewife Quadrangle	D36DMH4113	D36DMH4115_D36DMH4113	W	Fawcett St							N/A - Standing Water
10/11/2022	D36 - Alewife Quadrangle	D36DMH4125	D36DMH4130_D36DMH4125	W	Fawcett St							N/A - Standing Water
10/10/2022	D36 - Alewife Quadrangle	D36DMH4715	D36DMH4900_D36DMH4715	SW	Smith Pl							N/A - Standing Water
10/10/2022	D36 - Alewife Quadrangle	D36DMH4900	D36DMH4905_D36DMH4900	NW	Smith Pl							N/A - Standing Water
10/10/2022	D36 - Alewife Quadrangle	D36DMH4907	D36DMH4910_D36DMH4907	SW	Smith Pl							N/A - Standing Water
10/19/2022	D36 - Alewife Quadrangle	D36DMH5008	D36DMH5009_D36DMH5008	SW	Moulton St							N/A - Standing Water
10/19/2022	D36 - Alewife Quadrangle	D36DMH5009	D36DMH5010_D36DMH5009	SW	Moulton St							N/A - Standing Water
10/19/2022	D36 - Alewife Quadrangle	D36DMH5105	FITT0203_D36DMH5105	SE	Concord Ave							N/A - Standing Water
12/20/2022	D36 - Alewife Quadrangle	D36DMH5623	D36DMH5325_D36DMH5623	S	Fawcett St							N/A - Standing Water
12/20/2022	D36 - Alewife Quadrangle	D36DMH5320	D36DMH5323_S64COM0915	S	Fawcett St							N/A - Standing Water
10/19/2022	D36 - Alewife Quadrangle	D36DMH2065	D36DMH2067_D36DMH2065	NE	Moulton St							N/A - Standing Water
8/29/2022	D36 - Alewife Quadrangle	D36DMH4515	D36DMH5001_FIT0220	S	Moulton St							N/A - Standing Water
10/11/2022	D36 - Alewife Quadrangle	D36DMH4705	D36DMH4710_D36DMH4705	SW	Smith Pl							N/A - Standing Water
10/19/2022	D36 - Alewife Quadrangle	D36DMH4515	D36DMH5001_FIT0220	S	Moulton St							N/A - Standing Water
12/19/2022	D36 - Alewife Quadrangle	D36DMH5505	D36DMH5510_D36DMH5505	NW	Concord Ave							N/A - Standing Water
12/19/2022	D36 - Alewife Quadrangle	ACCESS257	D36DMH6005_FIT2140	SW	Concord Ave							N/A - Standing Water
12/19/2022	D36 - Alewife Quadrangle	ACCESS257	FIT7639_FIT2141	NW	Concord Ave							N/A - Standing Water

Appendix F: D36 - Alewife Quadrangle Buildings Dye Tested

Inspection Date	Drainage Area	Building ID	Address ID	StreetNo	StreetNoExt	Street	Drain MH	TestResults
1/25/2023	D36 - Alewife Quadrangle	69-19	80	679		Concord Ave	D36DMH4715	Legal / No Dye Observed
1/25/2023	D36 - Alewife Quadrangle	46-47	9919	701		Concord Ave	D36DMH4715	Legal
2/8/2023	D36 - Alewife Quadrangle	46-46	9960	711		Concord Ave	D36DMH4715	Legal
2/21/2023	D36 - Alewife Quadrangle	46-42	9995	725		Concord Ave	D26DMH4905	Legal / No Dye Observed
2/15/2023	D36 - Alewife Quadrangle	76-26	9091	10		Fawcett St	D36DMH5500	Legal
1/25/2023	D36 - Alewife Quadrangle	69-3	2773	155		Fawcett St	D36DMH4120	Legal
1/23/2023	D36 - Alewife Quadrangle	48-21	3344	170		Fawcett St	D36DMH4120	Legal
1/23/2023	D36 - Alewife Quadrangle	48-20	31460	176		Fawcett St	N/A	No Fixtures
1/23/2023	D36 - Alewife Quadrangle	999-3774	31460	176		Fawcett St	D36DMH4120	Legal
1/23/2023	D36 - Alewife Quadrangle	48-17	27695	176R		Fawcett St	N/A	No Fixtures
3/7/2023, 3/20/2023, 3/29/2023	D36 - Alewife Quadrangle	69-14	8116/32118	45	47	Moulton St	D36DMH5001	Legal / No Dye Observed
2/7/2023	D36 - Alewife Quadrangle	69-10	9129	61		Moulton St	D36DMH4515	Legal / No Dye Observed
1/26/2023	D36 - Alewife Quadrangle	46-43		17		Smith Pl	D36DMH4710	Legal
2/21/2023, 3/15/2023	D36 - Alewife Quadrangle	46-31	5565	31		Smith Pl	D36DMH4705	Legal
2/21/2023	D36 - Alewife Quadrangle	46-30	8819	53		Smith Pl	D36DMH4640	Legal
1/26/2023	D36 - Alewife Quadrangle	69-2	950	100		Smith Pl	D36DMH4125	Legal
1/26/2023	D36 - Alewife Quadrangle	48-14	27299	146		Smith Pl	N/A	No Fixtures