

City of Newton
MS4 Annual Report #4
July 1, 2021 – June 30, 2022

Attachment A

Outfall Screening and Sampling Data

City of Newton, Massachusetts - Wet Weather Outfall Screening Results
July 1, 2021 - June 30, 2022

Outfall ID	Pipe Material	Pipe Shape	Pipe Size (in)	Inspecting Company	Inspection Date	Weather	Quantity Rain	Sampling Location	Manhole ID	Velocity	Sample Collected	If no, Why?	Surfactants (ppm)	Ammonia (ppm)	Chlorine (ppm)	E. Coli (MPN/100ml)
Lake Outfall 1	Concrete	-	12 x 18	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		ND (<0.125)	ND (<0.05)	0.32	10,000
Lake Outfall 1	Concrete	-	12 x 18	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.5	0.2	ND (<0.01)	45,000
Lake Outfall 2	Concrete	-	10	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.25	1	0.5	> 80,000
Lake Outfall 2	Concrete	-	10	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Outfall		Fast	Yes		ND (<0.125)	ND (<0.05)	ND (<0.01)	20,000
Lake Outfall 3	PVC	-	12	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.25	3.0	0.39	11,000
Lake Outfall 3	Vitrified Clay	-	12	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		ND (<0.125)	0.3	ND (<0.01)	29,000
Lake Outfall 5	PVC	-	15	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.25	3	0.18	26,000
Lake Outfall 5	PVC	-	15	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Outfall		Fast	Yes		ND (<0.125)	0.3	ND (<0.01)	14,000
Lake Outfall 6	Vitrified Clay	-	8	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.25	5	0.94	23,000
Lake Outfall 6	Vitrified Clay	-	12	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.25	0.1	ND (<0.01)	31,000
Lake Outfall 7	Vitrified Clay	-	8	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.25	ND (<0.05)	0.68	48,000
Lake Outfall 7	Vitrified Clay	-	8	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		ND (<0.125)	ND (<0.05)	ND (<0.01)	10,000
Lake Outfall 8	Concrete	-	15	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Manhole	MH-0107	Medium	Yes		0.25	2	0.41	41,000
Lake Outfall 8	Concrete	-	15	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Manhole	DMH-0107	Fast	Yes		0.25	0.2	ND (<0.01)	28,000
NEW-100	Concrete	-	48	SDE, Inc.	10/26/2021	Cloudy	>0.1 Inch	Manhole	NEW-100-0001	Medium	Yes		ND (<0.125)	0.2	0.28	3,300
NEW-101	Concrete	-	36	SDE, Inc.	10/26/2021	Raining	>0.1 Inch	Outfall		Fast	Yes		ND (<0.125)	0.4	ND (<0.01)	6,200
NEW-11	Culvert	-	60x72	SDE, Inc.	10/26/2021	Cloudy	>0.1 Inch	Outfall		Fast	Yes		ND (<0.125)	0.3	0.39	22,000
NEW-14	Concrete	-	12	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Manhole	NEW-14-0002	Slow	Yes		ND (<0.125)	ND (<0.05)	0.09	72,000
NEW-42	Concrete	-	12	SDE, Inc.	8/5/2021	Raining	>0.1 Inch	Manhole	NEW-42-0002	Slow	Yes		ND (<0.125)	ND (<0.05)	0.01	18,000
NEW-52	Vitrified Clay	-	20	SDE, Inc.	10/26/2021	Raining	>0.1 Inch	Manhole	NEW-52-003	Fast	Yes		ND (<0.125)	1	0.96	6,900
NEW-54	Concrete	-	12	SDE, Inc.	10/26/2021	Raining	>0.1 Inch	Manhole	NEW-54-CB-A	Fast	Yes		ND (<0.125)	2	0.54	15,000
NEW-56	Concrete	-	12	SDE, Inc.	10/26/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		ND (<0.125)	0.6	0.21	23,000
NEW-57	Concrete	-	12	SDE, Inc.	10/4/2021	Raining	>0.1 Inch	Outfall		Slow	Yes		ND (<0.125)	0.6	ND (<0.01)	12,000
NEW-63	Concrete	-	12	SDE, Inc.	10/4/2021	Raining	>0.1 Inch	Outfall		Slow	Yes		ND (<0.125)	0.1	ND (<0.01)	370
NEW-65	Corrugated Metal	-	60	SDE, Inc.	10/4/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.25	3	ND (<0.01)	6,500
NEW-65A	Ductile Iron	-	18	SDE, Inc.	10/4/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.5	0.8	ND (<0.01)	25,000
NEW-65B	Vitrified Clay	-	10	SDE, Inc.	8/19/2021	Raining	>0.1 Inch	Manhole	NEW-65B-0001	Fast	Yes		0.25	0.3	0.14	10,000
NEW-65C	Concrete	-	10	SDE, Inc.	8/19/2021	Raining	>0.1 Inch	Manhole	NEW-65C-0001	Fast	Yes		0.5	0.6	0.11	10,000
NEW-65D	Vitrified Clay	-	8	SDE, Inc.	10/4/2021	Raining	>0.1 Inch	Manhole	NEW-65D-0001	None	No	Standing Water	NT	NT	NT	NT
NEW-65E	Vitrified Clay	-	12	SDE, Inc.	8/19/2021	Raining	>0.1 Inch	Manhole	NEW-65E-0001	Fast	Yes		0.25	0.2	0.16	15,000
NEW-66	Unknown	-	60	SDE, Inc.	10/26/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		0.5	0.4	0.16	6,100
NEW-67	Ductile Iron	-	15	SDE, Inc.	10/26/2021	Raining	>0.1 Inch	Manhole	NEW-67-0002	Slow	Yes		0.75	0.2	0.48	4,700
NEW-68	Brick	-	4ft x 8ft	SDE, Inc.	10/26/2021	Cloudy	>0.1 Inch	Outfall		Fast	Yes		0.5	0.3	0.33	22,000
NEW-71	Concrete	-	12	SDE, Inc.	8/19/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		ND (<0.125)	0.40	ND (<0.01)	33,000
NEW-72	Concrete	-	15	SDE, Inc.	8/19/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		ND (<0.125)	0.2	ND (<0.01)	9,000
NEW-74	Vitrified Clay	-	20	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Manhole	NEW-74-0001	Slow	Yes		0.5	3	0.58	5,000
NEW-74A	Concrete/Corrugated Metal	-	15	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		ND (<0.125)	0.2	0.07	20
NEW-74B	Concrete/Corrugated Metal	-	12	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Outfall		Slow	Yes		ND (<0.125)	0.3	0.24	80
NEW-75	Ductile Iron	-	12	SDE, Inc.	8/19/2021	Raining	>0.1 Inch	Outfall		Medium	Yes		ND (<0.125)	ND (<0.05)	ND (<0.01)	12,000
NEW-75A	Unknown	-	Unknown	SDE, Inc.	8/19/2021	Raining	>0.1 Inch	Manhole	NEW-75A-003	Medium	Yes		ND (<0.125)	0.1	ND (<0.01)	3,500
NEW-79	Concrete	-	12	SDE, Inc.	10/25/2021	Raining	>0.1 Inch	Manhole	NEW-79-0001	Slow	Yes		0.25	2	0.38	5,700
NEW-80	Unknown	-	Unknown	SDE, Inc.	10/26/2021	Raining	>0.1 Inch	Manhole	NEW-80-0001	Medium	Yes		0.25	0.2	0.1	3,100
NEW-81	Culvert	-	72	SDE, Inc.	10/26/2021	Cloudy	>0.1 Inch	Outfall		Fast	Yes		0.25	0.1	0.19	6,700
NEW-86	Corrugated Metal	-	12	SDE, Inc.	10/26/2021	Cloudy	>0.1 Inch	Outfall		Medium	Yes		0.5	0.2	0.37	2,700
NEW-87	Concrete/Corrugated Metal	-	48	SDE, Inc.	10/26/2021	Cloudy	>0.1 Inch	Outfall		Fast	Yes		0.25	0.3	ND (<0.01)	11,000
NEW-88	Vitrified Clay	-	12	SDE, Inc.	9/28/2021	Raining	>0.1 Inch	Manhole	NEW-88-0001	Medium	Yes		1.5	2.0	0.23	33,000
NEW-91	Vitrified Clay	-	14	SDE, Inc.	9/28/2021	Raining	>0.1 Inch	Manhole	NEW-91-0002	Fast	Yes		0.5	0.6	ND (<0.01)	51,000
NEW-94	Vitrified Clay	-	12	SDE, Inc.	10/26/2021	Cloudy	>0.1 Inch	Manhole	NEW-94-0002	Medium	Yes		ND (<0.125)	0.2	ND (<0.01)	2,200
NEW-95	Concrete	-	15	SDE, Inc.	10/26/2021	Cloudy	>0.1 Inch	Manhole	NEW-95-0005	Fast	Yes		0.5	0.6	0.29	21,000

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NEW-96	Concrete	-	24	SDE, Inc.	9/28/2021	Raining	>0.1 Inch	Manhole	NEW 96-0005	Fast	Yes		1	0.4	ND (<0.01)	30,000
NEW-98A	Vitrified Clay	-	12	SDE, Inc.	10/4/2021	Raining	>0.1 Inch	Manhole	NEW-98A-0001	Medium	Yes		ND (<0.125)	0.1	ND (<0.01)	13,000
NEW-98D	Vitrified Clay	-	12	SDE, Inc.	10/26/2021	Raining	>0.1 Inch	Manhole	NEW-98D-CB-A	Medium	Yes		ND (<0.125)	0.4	0.24	60,000

**City of Newton
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Attachment B

Illicit Discharge Detection and Removal Report

- Current reporting period
- Master summary

**City of Newton, Massachusetts - Illicit Discharge Removals
July 1, 2021 - June 30, 2022**

Location of Discharge	Date of Discovery	Method of Discovery	Source of Discharge	Description of Discharge	Planned Corrective Measures	Estimated Date of Removal Completion	Date of Elimination/Mitigation/Enforcement Action	Estimated Volume of Flow Removed (GPD)
19 Ripley Street	9/10/2021	Opportunistic Inspection	Sewer Main Exfiltration	Pipe was damaged during gas construction and pipe was insufficiently repaired	Completed	9/10/2021	Eliminated in September 2021	550
80 Crescent Avenue	9/21/2021	Dye Test	Direct Connection from School Bathroom	Partial building plumbing directly connected to storm drain.	Completed	11/22/2021	Eliminated in late November 2021	930
185 Franklin Street	11/8/2021	Dye Test	Direct Connection from Residence	Residential Sewer Connected to City Underdrain	Completed	5/23/2022	Eliminated in late May 2022	550
773 Washington Street	12/9/2021	Dye Test	Direct Connection from Car Dealership	Floor drain connection at car dealership	Completed	3/25/2022	Eliminated in late March 2022	300
							Total	2330

Verified Direct Illicit Connections

Illicit Discharge Unique ID	Code	Illicit Discharge Status	Type of Discharge	Direct or Indirect?	Street Name	Street No.	Catchment ID	Watershed	Estimated Flow (gpd)	Verification Date	Verification Method	Description of Discharge	30-d from DoV (deadline for City to send notice if not complete)	60-d from DoV (deadline for City's legal dept. to send notice if abatement is not complete)	90-d from DoV (deadline for City's legal dept. to send notice if abatement is not complete)	210-d from DoV	270-d from DoV	1st Notice Date	1st Notice Deadline	2nd Notice Date	Removal Date	# Days from Verification to Removal	Deadline for Confirmatory Sampling	Date Confirmatory Sampling Completed	Comments	Abatement Notice Date
1	AC	Abatement Complete	Neighborhood (~16 Residences)	Indirect	Jaslet Street	Multiple	76		880	2004	NR	Sewer Effluent to Underdrain	--	--	--	--	--	--	--	--	NR	--	--	--	Estimated 16 houses with 1/8 of the flow leaking into the drains during heavy rainfall events only	NR
2	AC	Abatement Complete	Single Family Residence	Direct	Gray Cliff Road	10	77-13	Edmans Brook	440	10/2005	NR	Residential Sewer Connected to Storm Drain	--	--	--	--	--	--	--	--	NR	--	--	--	440 GPD removed was an estimated based on 4 bedroom house @ 110 gal/bedroom/day	NR
3	AC	Abatement Complete	Sewer Manhole Leak	Indirect	Brookside Avenue	NR	68-9	Cheesecake Brook	1440	2006	NR	Sealed Sewer MH Leaking into Underdrain	--	--	--	--	--	--	--	--	NR	--	--	--	Estimated 2 gallons/min leaking 50% of the time	NR
4	AC	Abatement Complete	Single Family Residence	Direct	Hillside Road	93	77-11	Edmans Brook	440	2/2006	NR	Residential Sewer Connected to Storm Drain	--	--	--	--	--	--	--	--	NR	--	--	--	440 GPD removed was an estimated based on 4 bedroom house @ 110 gal/bedroom/day	NR
5	AC	Abatement Complete	Two-Family Condo Residence	Indirect	Nonantum Street	4	89		165	2007	NR	Leak Detected at House Connection to Sewer Main	--	--	--	--	--	--	--	--	NR	--	--	--	Estimated half of the sewer flow from a 3 bedroom house; leak @ connection to sewer main, open joints in storm drain on this street. Previously listed as two entries, but there was actually only one illicit connection.	NR
6	AC	Abatement Complete	Single Family Residence	Direct	Solon Street	44	11-3	Crystal Lake	440	3/2010	NR	Residential Sewer Connected to Storm Drain	--	--	--	--	--	--	--	--	NR	--	--	--	440 GPD removed was an estimated based on 4 bedroom house @ 110 gal/bedroom/day	NR
7	AC	Abatement Complete	Neighborhood (~12 Residences)	Indirect	Boyd Street @ Watertown Line	Multiple	78		1320	2010-2011	NR	Sewer Main Cut Open Leaking into Storm Drain	--	--	--	--	--	--	--	--	NR	--	--	--	Estimated 12 houses with 1/4 of the flow leaking into the drains during heavy rainfall events only	NR
8	AC	Abatement Complete	Three-Family Residence	Partial Direct	Linwood Avenue	340	68-9	Cheesecake Brook	220	2/8/2019	Dye Test	Residential Washing Machines Connected to Storm Drain	3/10/2019	4/9/2019	5/9/2019	9/6/2019	11/5/2019	--	--	--	6/20/2019	132	8/19/2019	5/26/2020	The washing machines that were connected to a roof drainage system at this location was fixed in late June. Confirmatory sampling to be completed. Sewer service @ 377 Lexington St. was broken at storm drain crossing and was infiltrating into the Stormwater main. We replaced 10' of the 5" VCP sewer service with 5" SDR 35 pipe that was notched into the top of the stormwater main and repaired the brickwork. Confirmatory sampling to be completed under Phase 2	8/26/2019
9	AC	Abatement Complete	Two-Family Residence	Indirect	Lexington Street	377	68-5	Cheesecake Brook	660	3/18/2019	Dye Test	Residential Sewer leaking into Storm Drain	4/17/2019	5/17/2019	6/16/2019	10/14/2019	12/13/2019	--	--	--	5/31/2019	74	7/30/2019	11/6/2020	Private sanitary manhole located on the property, connected to SMH-8487, is in very poor condition. The outlet pipe separated from the channel. The dye was then seen in a private drain manhole (with catch basin cover) 15 minutes later. This manhole has a raised outlet so under normal conditions the sewage (and dye) is not likely to get out to the street. However, the crew did sound test this manhole to SWOF-105. City will send a letter to the Housing Authority. Titan Excavating CCTV'd the lines to assess the issues and made spot repairs, including filling holes with hydraulic cement.	6/12/2019
10	AC	Abatement Complete	Newton Housing Authority - Sewer Manhole Exfiltration	Indirect	Watertown Street	674-690	68-9	Cheesecake Brook	1440	4/23/2020	Dye Test & CCTV	Private sewer manhole exfiltration	5/23/2020								10/10/2020	170	12/9/2020	12/1/2020	A hole in a DMH at the "Approx. location of intruding lateral" on your map allowed sewerage to leak in from the sewer lateral. Another hole in the sewer lateral / SMH was also found. Titan Excavating CCTV'd the lines to assess the issues and made spot repairs, including filling holes with hydraulic cement.	11/4/2020
11	AC	Abatement Complete	Housing Authority; 72 one-bedroom apartments	Indirect	Watertown Street	674-690	68-9	Cheesecake Brook	990	4/23/2020	Dye Test & CCTV	Sewer lateral leaking into storm drain on the Housing Authority property. 72 apartments									10/10/2020	170	12/9/2020	12/1/2020	The house is a tear down and rebuilt, currently under construction. The City's engineering construction inspector caught that the original sewer lateral was correctly piped to the sewer main. However, the gas company made a repair at this location and broke the old sewer pipe at the exact location it crossed our drain. The fix was a big concrete block that allowed the sewer lateral to drop waste into our main drain. The new sewer service now goes under the main drain and a proper fix was made to the main drain.	11/4/2020
12	AC	Abatement Complete	Two-Family Residence	Indirect	Ripley Street	19	77-13	Edmans Brook	550	9/10/2021	Opportunistic Inspection	Insufficient sewer lateral repair	10/10/2021								9/10/2021	0	11/9/2021	11/7/2021	On 11/15/21 Joe Jolly informed us that the work remediate the illicit connections on the east wing was complete. According to the building dye testing, one fixture in the west wing of the building was connected to the City's MS4. This final illicit connection is in the process of being removed. The final illicit connection was removed before Thanksgiving 2021. SDE performed post correction sampling at the manholes at Crescent and Centre St and they came back cleared.	9/10/2021
13	AC	Abatement Complete	School (5 fixtures)	Partial Direct	Crescent Avenue	80	11-5	Crystal Lake	930	9/21/2021	Dye Test	Partial building plumbing directly connected to storm drain.	10/21/2021					10/22/2021			11/22/2021	62	1/21/2022	1/14/2022	On 11/8/2021 SDE performed a dye test at 185 Franklin Street which resulted in a Not Legal Inspection. There is a direct connection to the City's MS4. The house is under sale agreement to the City granted an alternate schedule for the illicit connection to be removed by 4/30/2022. The illicit connection was removed by the owner in May 2022. A contractor completed repair of the sewer lateral. On June 15, 2022 a post correction test was completed, confirming the illicit connection has been removed.	1/6/2022
14	AC	Abatement Complete	Single Family Residence	Direct	Franklin Street	185	81-2	Charles River	550	11/8/2021	Dye Test	Residential Sewer Connected to City Underdrain	12/8/2021	1/7/2022				11/12/2021	12/12/2021	12/16/2021	5/23/2022	196	7/2/2022	6/15/2022	On 11/8/2021 SDE performed a dye test at 108 Newtonville Avenue which resulted in a Not Legal Inspection. There is a direct connection to the City's MS4. The notification letter was mailed on 12/8/2021. As of 3/9/2022, the owner procured engineering services to develop a plan. That plan is not yet finished.	5/23/2022
15	P	Responsible Party Notified, Abatement Pending	Single Family Residence	Direct	Newtonville Avenue	108	81-1	Charles River	330	11/8/2021	Dye Test	Residential Sewer Connected to Storm Drain	12/8/2021	1/7/2022				11/12/2021	12/12/2021						On 12/6/2021 SDE performed a dye test at 146 Intervale Road which resulted in a Dye in Both status. There is likely a leaking lateral at the property. The illicit connection notification letter was mailed on 12/15/2021. The City performed CCTV which showed a few offset joints on the sewer service. The owner is planning to repair these.	
16	P	Responsible Party Notified, Abatement Pending	Single Family Residence	Indirect	Intervale Road	146	77-13	Hammond Brook	132	12/6/2021	Dye Test	Leaking Lateral	1/5/2022	2/4/2022				12/15/2021	1/15/2022						On 12/8/2021 SDE performed a dye test at 773 Washington Street which resulted in a Partial Illegal status. The floor drain at the property is connected to the City's MS4. The illicit connection notification letter was mailed on 12/15/2021. The City visited this property and the owner is in the process of repairing the illicit connection. The floor drain tested by SDE connects to another floor drain and that floor drain has a cavern that connects to City drains on Court Street. The upper metal pipe in this photo connects to an oil water separator in their parking lot. The nasty wash water does not flow into the OWS due to the higher elevation unless there's a lot of water entering the floor drain all at once. The solution is to dig up part of their facility to cut and seal off the illegal connection and turn it into the OWS as it should have always been.	4/4/2022
17	AC	Abatement Complete	Car Dealership	Partial Direct	Washington Street	773	77-1	Charles River	300	12/9/2021	Dye Test	Floor Drain Connection	1/8/2022	2/7/2022				12/15/2021	1/15/2022	3/25/2022	283	5/24/2022	6/16/2022	City investigated and this is likely a leaking lateral. 121 Intervale has both a sewer and drain connection. It's possible that the drain connection is in poor condition given it's 90 years old and some sewer is leaking out and into this drain connection.		
18	P	Responsible Party Notified, Abatement Pending	Single Family Residence	Indirect	Intervale Road	121	77-13	Hammond Brook	132	1/13/2022	Dye Test	Leaking Lateral	2/12/2022	3/14/2022				3/15/2022	4/14/2022						The basement sink tested dye in both the sewer and the drain at 51 and 53 Ripley. 51 and 53 Ripley St are attached however it appears that they have separate basements. Another crew tested 51 Ripley at an earlier date, and it was legal. On 5/12/2022 the City completed a dye test in a private manhole where the sewer services for 51, 53, and 57-59 enter and combine into a shared sewer service from the manhole located in the shared driveway to the sewer main in Ripley Street. This shared sewer service is leaking into the wrong pipe in the street. This illicit sewer service connection was confirmed via dye flushing from the manhole in the driveway and visual observation of the dye within the storm drain pipe. Owners at 51, 53, and 57-59 Ripley have been notified and are working on lining the shared sewer lateral.	
19	P	Responsible Party Notified, Abatement Pending	Private sewer in shared driveway	Indirect	Ripley Street	51, 53, 57-59	77-13	Hammond Brook	88	5/12/2022	Dye Test	Shared Leaking Lateral	6/11/2022	7/11/2022				5/24/2022	6/24/2022						On May 16, 2022, SDE performed a dye test at 162 Waverly Avenue. The dye test came showed dye in both the sewer and the drain. The dye was observed in the sewer first (about 5 minutes after it was flushed) and then in the drain about 5 minutes after that. The dye was equal intensity in both the sewer and the drain. On August 10, 2022, the homeowner had their sewer lateral lined. Confirmatory sampling is pending.	8/14/2022
20	AC-SP	Abatement Complete, Confirmatory Sampling Pending	Single Family Residence	Indirect	Waverly Avenue	162	81-2	Charles River	440	5/16/2022	Dye Test	Leaking Lateral	6/15/2022	7/15/2022							8/10/2022	86	10/9/2022			

Notes:
 1) DoV = Date of Verification
 2) For residential properties, flow is estimated based on 310 CMR 15.203 "System Sewage Flow Design Criteria" of 110 gallons per day per bedroom
 3) NR = Not Recorded
 4) #1-8 are historic illicit discharge removals provided by the Town of Newton
 Codes:
 V = Illicit Connection Verified, Responsible Party to be Notified
 P = Responsible Party Notified, Abatement Pending
 R-DO = Due to More Abatement Deadlines is Overdue
 AC-SP = Abatement Complete, Confirmatory Sampling Pending
 AC = Abatement Complete, Confirmatory Sampling Complete or Not Required

**City of Newton
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Attachment C

Link to Stormwater Management and Erosion Control Ordinance
<https://www.newtonma.gov/home/showpublisheddocument/29821/637922916617970000>