

City of Fitchburg, Massachusetts
Massachusetts Small MS4 General Permit
Year 7 Annual Report
Reporting Period: July 1, 2024 – June 30, 2025

Appendix C – Sanitary Sewer Overflow Events

| Year | Location | Location of Discharge | Did SSO Enter Surface Water or MS4 | Date Discovered | Time Discovered | Date Stopped | Time Stopped | Estimated Volume (gal) | Description of event with known or suspected causes | Mitigation and Corrective measures |
|------|------------------------------------|--|------------------------------------|-----------------|-----------------|--------------|-------------------|------------------------|--|---|
| 2025 | 97 Appleton Circle | Sewer manhole to catch basin to receiving water | North Nashua River | 5/12/2025 | 9:45 AM | 5/12/2025 | 1:24 PM | 837 | Faulty installation | Made repairs to pipe joint and connection. |
| | 59 High Street | Sewer manhole to catch basin to receiving water | Punch Brook | 5/5/2025 | 7:30 AM | 5/5/2025 | 10:30 AM | 54000 | Blockage from possible collapse due to construction work | On-call contractor by-passed main, excavated and made point repair. |
| | 875-877 Water Street | Backup into property basement | No release to surface water | 4/20/2025 | 12:30 PM | 4/20/2025 | 1:00 PM | 45 | Obstruction in downstream sewer main and manhole | Jetted main line and cleared blockage of rags and grease. |
| | 215 Bemis Road | Backup into property basement | No release to surface water | 3/6/2025 | 12:00 PM | 3/6/2025 | 1:40 PM | 60 | Obstruction in downstream sewer main | Jetted main line and cleared blockage. |
| | John Fitch Highway at North Street | Sewer manhole to catch basin to receiving water | North Nashua River | 1/2/2025 | 11:00 AM | 1/2/2025 | 12:30 PM | 2000 | Obstruction in downstream sewer main | Jetted main line and cleared blockage. |
| | 67 Rindge Road | Sewer manhole direct to receiving water | Falulah Brook | 1/2/2025 | 7:50 AM | 1/2/2025 | 9:50 AM | 6000 | Root blockage | Jetted main line, removed roots, added to root treatment list. |
| | | | | | | | | | | |
| 2024 | 85 Henry Street | Backup into property basement | No release to surface water | 12/17/2024 | 9:05 AM | 12/17/2024 | 9:30 AM | 50 | Heavy grease in sewer main | Main line cleared and grease treatment added |
| | Depot Street at Burna Road | Sewer manhole to catch basin to receiving water | North Nashua River | 12/1/2024 | 11:00 AM | 12/1/2024 | 7:00 PM | 14400 | Obstruction in downstream sewer main | On-call contractor by-passed main, excavated and made point repair. |
| | 28 Garnet St. | Sewer manhole to ground surface | No release to surface water | 11/19/2024 | 8:30 AM | 11/19/2024 | 11:45 AM | 250 | Obstruction in downstream sewer main | Main line cleared and rag blockage removed. |
| | 231 Plymouth St. | Sewer manhole to ground surface | No release to surface water | 9/24/2024 | 5:40 PM | 9/24/2024 | 6:30 PM | 5 | Obstruction in downstream sewer main | Main line cleared and blockage removed. |
| | 94 Summer St. | Sewer manhole to ground surface | No release to surface water | 1/31/2024 | 9:00 AM | 1/31/2024 | 9:30 AM | 200 | Blockage/grease | Jetted main to clear blockage of grease and debris. Cleaned manhole of grease. |
| 2023 | 200 Heywood St. | Sewer manhole to Birch Brook | Birch Brook | 10/30/2023 | 8:30 AM | 11/2/2023 | 1:00 PM | 4590000 | Broken manhole wall. | Replaced manhole and made a spot repair to main line. |
| | 101 Fitchburg Rd., Westminster, MA | Broken force main to ground surface | No release to surface water | 7/27/2023 | 9:00 AM | 7/27/2023 | 11:00 AM | 40000 | Poor repair | Repaired force main with proper construction methods. |
| | 120 Edilee St. | Backup into property to property basement | No release to surface water | 7/20/2023 | 11:30 AM | 7/20/2023 | 12:00 AM | 303 | Blockage/roots | Jetted main and cleared roots |
| | 400 Summer St. | Backup into property to property basement | No release to surface water | 7/16/2023 | 12:00 AM | 7/16/2023 | 1:00 PM | 7000 | Rain event | Flows returned to normal after rain event. |
| | 881 Main St. | Sewer manhole to catch basin | Punch Brook | 7/16/2023 | 9:30 AM | 7/16/2023 | 9:35 AM | 5000 | Rain event | Flows returned to normal after rain event. |
| | 100 Pearl Hill Road | Sanitary sewer manhole to ground surface | Putman Pond | 6/11/2023 | 4:03 PM | 6/11/2023 | 5:30 PM | 6000 | Sewer system blockage due to root intrusion | Jetted and cut roots. Cleared main line. Root treatment to be added periodically. |
| | 329 Pearl Hill Road | Sanitary sewer manhole to ground surface | Putman Pond | 6/10/2023 | 5:52 PM | 6/10/2023 | 6:30 PM | 30000 | Sewer system blockage due to root intrusion | Jetted and cut roots. Cleared main line. Root treatment to be added routinely. |
| | 391 Elm Street | Drain culver catch basin | No release to surface water | 3/13/2023 | 1:00 PM | 3/13/2023 | 2:30 PM | 4500 | Sewer system blockage | Jetted upstream sewer main line to alleviate sewer main blockage. |
| 2022 | 164 Elm Street | Backup into property basement | No release to surface water | 8/9/2022 | 3:35 PM | 8/9/2022 | 2:00 PM - 3:35 PM | 1222 | Rain Event caused surcharge of combine sanitary sewer system | Cleaning Service cleaned up impacted area. Area to be separated with ongoing CSO separation project |
| | 23 Columbia Avenue | Sanitary sewer manhole to ground surface | No release to surface water | 8/9/2022 | 9:00 AM | 8/9/2022 | 9:00 AM | 20 | Sewer system backup due to grease and rags | Main Line was jetted and cleared of grease and rags |
| | 207 Summer Street | Backup into property basement | No release to surface water | 7/27/2022 | 12:15 PM | 7/27/2022 | 12:35 PM | 80 | Sewer system backup due to debris | Main Line was jetted and cleared of debris |
| | 115 Swan Avenue | Backup into property basement | No release to surface water | 7/8/2022 | 11:00 AM | 7/8/2022 | 11:00 AM | 15 | Sewer system backup due to roots. | Main Line was jetted and cleared of roots |
| | 370 Summer Street | Backup into property basement | No release to surface water | 4/28/2022 | 5:00 PM | 4/28/2022 | 6:00 PM | 100 | Sewer system backup due to roots. | Main Line was jetted and cleared of roots |
| | 135 Intervale Road | Sanitary sewer manhole to catch basin to receiving water | North Nashua River | 3/6/2022 | 6:00 PM | 3/7/2022 | 2:00 PM | 60,000 | Contractor work for site development, construction debris entered Sewer Manhole causing blockage | On-call contractor by-passed main, jetted main and clearer blockage. |
| | 605 Franklin Road | Sanitary sewer manhole to ground surface | No release to surface water | 7/22/2021 | 1:00 PM | 7/22/2021 | 1:30 PM | 150 | Sewer system backup due to roots | Main line was jetted and cleared of roots |
| 2021 | Railroad Street at First Street | Sanitary sewer manhole to receiving water | North Nashua River | 7/19/2021 | 8:30 AM | 7/17/2021 | 6:00 PM | -- | Discovered dislodge cover | Replaced dislodge cover and tightened the tabs to prevent another incident. New cover with bolt on frame was installed at location. |
| | 569 Main Street | Backup into property basement | No release to surface water | 7/19/2021 | 10:30 AM | 7/17/2021 | 8:00 PM | 5,000 | Sewer system backup due to rain event and insufficient capacity of system | Cleaning Service cleaned up impacted area |
| | 317 Kimbal Street | Catch basin to catch basin to receiving water | North Nashua River | 6/26/2021 | 6:14 PM | 6/26/2021 | 9:00 PM | 5,000 | Sewer system backup due to roots | Catch basin and main line was jetted and cleared of roots |
| | 8 George Street | Backup into property basement | No release to surface water | 3/1/2021 | 1:11 PM | 3/1/2021 | 2:05 PM | 150 | Sewer system backup due to obstruction | Main line was jetted and cleared of obstruction |
| | 147 Water Street | Sanitary sewer manhole to catch basin to receiving water | North Nashua River | 2/18/2021 | 11:00 AM | 2/11/2021 | 2:00 PM | 4,500 | Sewer system backup due to pipe collapse | Main Line was jetted and main line was CCTV, Point repair conducted to replace collapsed pipe. |
| | 34 Ash Street | Sanitary sewer manhole to ground surface | No release to surface water | 2/11/2021 | 8:00 AM | 2/11/2021 | 10:30 AM | 15 | Sewer system backup due to roots | Manhole and main line was jetted and cleared of roots |
| | 9 Harrison Avenue | Backup into property basement | No release to surface water | 2/3/2021 | 2:00 PM | 2/3/2021 | 3:00 PM | 3 | Sewer system backup due to roots and rags | Main Line was jetted and cleared of roots and rags |
| 2020 | 43 Patton Street | Backup into property basement | No release to surface water | 6/8/2020 | 10:00 AM | 6/8/2020 | 10:30 AM | 25 | Pipe collapse/hole in pipe where the Water Department installed a fire hydrant several years ago. | Jetted line and removed blockage. Repaired pipe on 6/23/20. |
| | 28 Phillips Ave. | Backup into property basement | No release to surface water | 5/15/2020 | 11:00 AM | 5/15/2020 | 12:00 PM | 20 | Sewer system backup due to rags and accumulated grease. | Jetted line and removed blockage. Rags were removed from the pipe. |
| | 31 Gillis Court | Backup into property basement | No release to surface water | 4/14/2020 | 1:15 PM | 4/14/2020 | 2:00 PM | 150 | Sewer system blockage due to rags and poorly pitched sanitary sewer lateral connection. | Jetted line and removed blockage. Rags were removed from the pipe along with black grease. |
| | 228 Plymouth Street | Sanitary sewer manhole to catch basin to receiving water | North Nashua River | 3/11/2020 | 3:10 PM | 3/11/2020 | 3:30 PM | 30 | Sewer system blockage due to rags. | Jetted line and removed blockage. Rags were removed from the pipe along with black water indicating blockage has been forming for quite some time. |
| | 133 Bel Air Drive | Backup into property basement | No release to surface water | 3/2/2020 | 1:00 PM | 3/2/2020 | 2:00 PM | 3 | Sewer system blockage due to debris in a poorly pitched sanitary sewer lateral connection. | Jetted line three times and removed blockage, grease, and rags. Added manhole to the problem area checklist. |
| 2019 | 136 Upham Street | Sanitary sewer manhole to ground surface | No release to surface water | 12/12/2019 | 8:41 AM | 12/12/2019 | 9:00 AM | 20 | Sewer system blockage due to rags hung up on debris from a paving project. | Sucked down liquid in manhole, jetted line, and cleaned entire line 1,000 feet to trunk sewer. Conducted two follow up inspections following the incident to ensure no issues. |
| | 1164 John Fitch Highway | Sanitary sewer manhole to ground surface | Putts Pond | 11/14/2019 | 10:00 AM | 11/14/2019 | 10:30 AM | 10,000 | Sewer system blockage due to rags and roots in manhole. | Sucked down liquid in manhole, jetted line, and cleared out roots. Added heavy amount of root killer. |
| | 168 Lunenburg Street | Sanitary sewer manhole to ground surface | No release to surface water | 10/15/2019 | 11:00 AM | 10/15/2019 | 11:30 AM | 5 | Sewer system blockage due to rags and roots in manhole. | Sucked down liquid in manhole, jetted line, and cleared out roots. Root killer will be added until the manhole is replaced next construction season. |
| | 133 Water Street | Catch basin (MS4) to receiving water | North Nashua River | 7/12/2019 | 1:30 PM | 7/12/2019 | 2:15 PM | 60-80 | Sewer system blockage due to a brick upstream. | Jetted line and cleared blockage. |
| | Hasset Street at Albee Street | Catch basin (MS4) to receiving water | North Nashua River | 6/24/2019 | 10:00 AM | 6/24/2019 | 10:30 AM | 60 | Sewer system blockage due to a brick, likely from a lining project upstream a few years prior. | Jetted line and cleared blockage. |
| | 1000 John Fitch Highway | Ground surface | No release to surface water | 4/13/2019 | 11:10 AM | 4/13/2019 | 12:00 PM | 2,500 | Sewer system blockage due to asphalt chunks from upstream manhole that appeared to have been dislodged, likely by plows during the winter. | Jetted line and cleared blockage. |
| | 88 Miami Street | Backup into property basement | No release to surface water | 4/10/2019 | 7:20 AM | 4/10/2019 | 9:30 AM | 5 | Sewer system blockage due to piece of brick and rock with mortar attached to it and rags. | Jetted line and cleared blockage. |
| | 33 Darlene Drive | Backup into property basement | No release to surface water | 4/8/2019 | 9:40 AM | 4/8/2019 | 10:00 AM | 4 | Sewer system blockage due to flat pitch, sags, rags, and solids. | Line was jetted and cleaned out. City then followed up with a CCTV inspection and noted flat pitch and sags. |
| | 881 Main Street | Direct to receiving water | North Nashua River | 3/18/2019 | 8:44 AM | 3/18/2019 | 8:44 AM | 502,320 | Rain event, blockage in overflow regulator CSO-032 due to road sand and debris. | Jetted and cleared sand and debris from regulator manhole CSO-032 |
| | Water Street at Nashua River | Direct to receiving water | North Nashua River | 3/18/2019 | 7:00 AM | 3/18/2019 | 7:20 AM | 470,000 | Rain event, blockage in overflow regulator CSO-039 due to road sand and debris. | Jetted and cleared sand and debris from regulator manhole CSO-039 |
| | 71 Rodman Avenue | Backup into property basement | No release to surface water | 3/16/2019 | 5:15 PM | 3/16/2019 | 5:15 PM | 1 | Sewer system blockage due to flat pitch. | Line was jetted and cleaned out. City then followed up with a CCTV inspection and noted no defects in pipe, just flat pitch. Homeowner said it has been years but in the past he would back up often. |
| | 56 Elm Street | Backup into property basement | No release to surface water | 3/4/2019 | 12:30 PM | 3/4/2019 | 1:00 PM | 40 | Sewer system blockage due to rocks, asphalt, and other debris. | Downstream manhole was cleaned of rocks and brick debris, and branch sewer was jetted that was surcharging to relieve blockage. |
| | 12 Jerry Street | Backup into property basement | No release to surface water | 2/17/2019 | 9:00 AM | 2/17/2019 | 10:00 AM | 315 | Sewer system blockage due to grease. | Jetted line and cleared blockage, area on list of problem areas. |
| | 491 Pearl Street | Backup into property basement | No release to surface water | 1/28/2019 | 11:10 AM | 1/28/2019 | 12:00 PM | 5 | Sewer system blockage due to grease. | Jetted line and cleared blockage. |
| | 400 Rollstone Road | Direct to receiving water | Sand Brook | 1/18/2019 | 10:30 AM | 1/18/2019 | 10:30 AM | 100,000 | Sewer system blockage due to brick falling into system from upstream manhole chimney. | Cleaned out junction manhole, removed one brick and other debris. |
| | 715 | | | | | | | | | |

| Year | Location | Location of Discharge | Did SSO Enter Surface Water or MS4 | Date Discovered | Time Discovered | Date Stopped | Time Stopped | Estimated Volume (gal) | Description of event with known or suspected causes | Mitigation and Corrective measures |
|------|--|--|------------------------------------|-----------------|-----------------|--------------|--------------|------------------------|---|---|
| | 33 Shelly Avenue | Backup into property basement | No release to surface water | 10/24/2016 | 9:30 AM | 10/21/2016 | 7:00 PM | 3,000 | Rain event, insufficient capacity in system Sewer system blockage due to size transition in pipe (10 inch diameter to 6 inch). Sewage ran down street 10 feet and infiltrated into grass. | City installed backflow preventer in this location sometime in following weeks to prevent future SSO's. |
| | 29 Goodwin Street | Ground surface | No release to surface water | 9/29/2016 | 11:00 AM | 9/29/2016 | 1:00 PM | 20 | | Blockage was cleared with jetter, debris was removed, and roots were cut out of pipe. |
| | 132 Green Street | Backup into property basement | No release to surface water | 9/27/2016 | 5:00 PM | 9/27/2016 | 5:30 PM | 10 | Sewer system blockage, root intrusion. Resident claims lateral was clear but sewage was still entering basement. Sewer collections team jetted mainline and pulled back debris. Baby wipe build up appears to have cause blockage. | Blockage was cleared with jetter. Considerations for putting extra manhole to provide access to both ends of main line were made. |
| | Water Street at Walnut (CSO-039) | Direct to receiving water | North Nashua River | 6/21/2016 | 1:00 PM | 6/21/2016 | 2:00 PM | 577,000 | After a rain event the SSO was discovered during routine checks and was caused by sand/grit and rags blocking the base flow outlet pipe of the CSO regulator. | The blockage was cleared and the structure was cleaned with a jetter/vacuum truck. All catch basin sumps upstream were cleaned. |
| | 1 Delisle Street (Park Hill Park) | Ground surface | No release to surface water | 3/1/2016 | 2:00 PM | 3/1/2016 | 3:00 PM | 150 | Sewer system blockage; 6 to 12 inch sized rip-rap stones were found in sewer manhole causing blockage. Sewage from SSO percolated into ground around surcharged manhole. | The rip-rap was removed via a catch basin clamshell cleaner truck, vector truck, and manual labor. Sewer main up and downstream of the block was cleaned and inspected with camera. City will install a locking frame on manhole to prevent unauthorized access and debris. |
| | 10 Jerry Street | Ground surface | No release to surface water | 2/11/2016 | 10:00 AM | 2/11/2016 | 11:00 AM | 1,000 | Sewer system blockage due to bricks, rocks, and a tire-chock block. | Blockage relieved by jetting main line and cleaning out SMH. Crew vacated up sewage that had pooled on road, remaining sewage percolated into ground. |
| | 65 Fredette Street | Ground surface; Backup into basement | No release to surface water | 2/10/2016 | 10:30 PM | 2/10/2016 | 11:30 PM | 2,000 | Sewer system blockage due to bricks. Homeowner pumped sewage into backyard where it percolated into ground. | Main line was jetted. 25 bricks were removed from sewer. Repairs were made to failing manhole where the bricks originated. |
| 2015 | 130 South Street | Catch basin (MS4) to receiving water | North Nashua River | 12/15/2015 | Unknown | 12/15/2015 | Unknown | Unknown | Resident discharging gray water from basement via pipe protruding from foundation wall. | Notified Board of Health for enforcement action, worked with homeowner to correct. |
| | 444 Franklin Street | Backup into property basement | No release to surface water | 11/10/2015 | 6:45 AM | 11/10/2015 | 6:45 AM | Unknown | Sewer system blockage in main line due to protruding tap. | Line was jetted and blockage was cleared. |
| | 300' West of 50 Stoneybrook Road | Catch basin (MS4) to receiving water | Unnamed brook | 10/14/2015 | 10:00 | 10/15/2015 | 2:00 PM | 2,000 | Leaking steel sewer force main. The line was jetted which led to short relief period. Leak continued so the pump station was shut down. | Replaced 8 feet of sewer force main. Condition assessment was conducted on the sewer force main to determine if any other repairs or replacements needed to be made. |
| | 149 High Street | Backup into property basement | No release to surface water | 10/5/2015 | Unknown | 10/5/2015 | Unknown | Unknown | Sewer system blockage and pipe collapse. | Rooter team snaked line but only up to 80 ft. where they could not go any further. Suspected pipe had been crushed or broken. Excavation of area and repair of pipe was done. |
| | 40 Ray Avenue | Backup into property basement | No release to surface water | 9/30/2015 | Unknown | 9/30/2015 | Unknown | Unknown | Rain event caused sewer surcharging. | Surcharging subsided with rain event. |
| | 35 Proctor Avenue | Backup into property basement | No release to surface water | 9/30/2015 | 10:45 AM | 9/30/2015 | 11:45 AM | 16,000 | Rain event; Heavy inflow to sewer system due to torrential rains surcharged sewer in street. Blockage caused by debris in sewer main that originated from newly installed sewer. | Surcharging subsided with rain event. Investigation of storm drains to see if a blockage was the reason for transfer from storm sewer to sanitary sewer. |
| | 667 Westminster Street | CB and 1000' of pipe (MS4) to receiving water | North Nashua River | 6/20/2015 | 9:00 AM | 6/24/2015 | 9:00 AM | 205,000 | Multiple sewer system collapses in same area over 4 day period. 8-inch VC pipe constructed on ledge was shaken apart by vibratory compactor during paving project 2 weeks prior. Sewage was released onto ground surface and into catch basin. | Located collapse with camera truck and called in on-call services contractor. Multiple collapses in area over 4 day period required multiple temporary fixes leading to permanent fix. |
| | 54 Fredette Street | Backup into property basement | No release to surface water | 2/10/2015 | 10:00 AM | 2/10/2015 | 3:00 PM | 200 | Sewer system blockage of 8 inch VC pipe. | Vac truck cleared blockage, pipe was cleaned. Attempt to CCTV was made however protruding lateral in way. Plans for lateral to be cut out after weather improved were made. |
| | 55 Fredette Street | Backup into property basement | No release to surface water | 2/10/2015 | 10:00 AM | 2/10/2015 | 3:00 PM | 50 | Sewer system blockage of 8 inch VC pipe. | Vac truck cleared blockage, pipe was cleaned. Attempt to CCTV was made however protruding lateral in way. Plans for lateral to be cut out after weather improved were made. |
| 2014 | John Fitch Highway at Woodbury Ave | Ground; Catch basin (MS4) to detention basin | No release to surface water | 11/19/2014 | 10:15 PM | 11/19/2014 | 10:40 PM | 2,000 | Caused by a failed bypass pumping system. The bypass system was being transferred from pump 1 to pump 2 and with the valve not being closed properly and the pump being brought online not primed properly the SSO occurred. | An employee of the company that had installed the pump figured out the problem and closed the valve. The site of the SSO was cleaned. |
| | 285 Main Street | Backup into property basement | No release to surface water | 7/27/2014 | Unknown | 7/27/2014 | Unknown | 2,000 | Sewer system blockage. Contractor didn't get proper information from engineering firm during project leading to blockage in sewer lateral. | City assisted the contractor in clearing the blockage. Rooterman vacuumed the SSO into their vector truck and decanted into a sewer manhole on Day St. |
| | 95 Goodrich Street | Backup into basement; Ground surface | No release to surface water | 7/7/2014 | 5:00 PM | 7/7/2014 | 5:00 PM | 200 | Rain event; insufficient capacity. 1.1 inches of rain in 20 minutes too much capacity for system under construction. Homeowner bailed the sewage onto the back lawn where it infiltrated the ground. | Contractor made temporary modifications to system to utilize more capacity in storm drain. |
| | 96 St Bernard St | Backup into basement; Ground surface | No release to surface water | 7/7/2014 | 5:00 PM | 7/7/2014 | 5:00 PM | 1,000 | Rain event; insufficient capacity. 1.1 inches of rain in 20 minutes too much capacity for system under construction. Homeowner bailed the sewage onto the back lawn where it infiltrated the ground. | Contractor made temporary modifications to system to utilize more capacity in storm drain. |
| | 254/256 Boutelle Street | Backup into basement; Ground surface | No release to surface water | 7/7/2014 | 5:00 PM | 7/7/2014 | 5:00 PM | 400 | Rain event; insufficient capacity. 1.1 inches of rain in 20 minutes too much capacity for system under construction. Homeowner bailed the sewage onto the back lawn where it infiltrated the ground. | Contractor made temporary modifications to system to utilize more capacity in storm drain. |
| | 264 Boutelle Street | Backup into basement; Ground surface | No release to surface water | 7/7/2014 | 5:00 PM | 7/7/2014 | 5:00 PM | 200 | Rain event; insufficient capacity. 1.1 inches of rain in 20 minutes too much capacity for system under construction. Homeowner bailed the sewage onto the back lawn where it infiltrated the ground. | Contractor made temporary modifications to system to utilize more capacity in storm drain. |
| | 276 Boutelle Street | Backup into basement; Ground surface | No release to surface water | 7/7/2014 | 5:00 PM | 7/7/2014 | 5:00 PM | 500 | Rain event; insufficient capacity. 1.1 inches of rain in 20 minutes too much capacity for system under construction. Homeowner bailed the sewage onto the back lawn where it infiltrated the ground. | Contractor made temporary modifications to system to utilize more capacity in storm drain. |
| | 300 Boutelle Street | Backup into basement; Ground surface | No release to surface water | 7/7/2014 | 5:00 PM | 7/7/2014 | 5:00 PM | 200 | Rain event; insufficient capacity, sewer system blockage. Temporary connection due to construction was insufficient for combined sewer. Sewage emptied into first floor and drained into basement. | Contractor made temporary modifications to system to utilize more capacity in storm drain. |
| | 4 Maverick Street | Backup into property first floor and basement | No release to surface water | 6/26/2014 | 3:00 AM | 6/26/2014 | 3:00 AM | 200 | Rain event; Revoli Construction installed a temporary connection that was undersized and restricted flow causing SSO to exit manhole and run down the street before infiltrating the ground. Sewage also entered a few basements of surrounding properties. | Contractor made a permanent connection to existing combined sewer. |
| | Boutelle Street at St Bernard Street | Ground surface | No release to surface water | 5/17/2014 | 5:45 AM | 5/17/2014 | 5:45 AM | 1,000,000 | Sewer system blockage of 8 inch VC pipe in street lead to backup in property basement which was pumped into driveway and eventually entered a catch basin which brought it to the Oak Hill Road bridge outfall. | Surcharging subsided with rain event. City met to discuss measures to be taken. Included better plans for temporary connections to be provided by Revoli Construction. |
| | 65 Fredette Street | Ground; CB and 5,230' (MS4) to receiving water | Nashua River | 2/12/2014 | 5:00 PM | 2/12/2014 | 5:00 PM | 5,000 | Sewer system collapse; Large block of ice knocked manhole off its base in river. Private lateral assumed to come loose concurrently. | Vac truck cleared blockage. Collections crew cleaned pipe and checked it the following day. |
| | 75 Walnut Street | Direct to receiving water | North Nashua River | 1/11/2014 | Unknown | 1/29/2014 | Unknown | 1,800 | | Blue Diamond Construction hired to fix manhole. Lateral reconnected on 1/29/2014 |
| 2013 | 66 Thordike Street | Backup into basement; Ground surface | No release to surface water | 12/16/2013 | 10:30 AM | 12/16/2013 | 10:30 AM | 500 | Sewer system blockage in street due to 8 inch VC pipe collapse. Plumber bailed 500 gallons into backyard where it percolated into ground underneath snow. | Vac truck cleared blockage. Excavation planned to repair pipe in following days. |
| | Regulator 036 at 98 Laurel Street | CB and 1000' of pipe (MS4) to receiving water | Nashua River | 9/22/2013 | 5:15 AM | 9/22/2013 | 5:15 AM | 50,000 | Rain event; insufficient capacity. During combined sewer separation regulator was closed too soon; not enough capacity in downstream pipe. Sewer manhole cover popped off, crew arrived after event was over. | Short term fix included opening regulator and installing meter. Long term fix included more catch basin separation. |
| | 905 Merriam Ave, Pizzeria Uno, Twin City Plaza | Ground surface; wetland area | Wetland area | 6/11/2013 | 7:45 AM | 6/11/2013 | 11:30 AM | 81,000 | Sewer system blockage of 12 inch discharge pipe due to rocks, grease, and rags. | Two 3 inch trash pumps setup to stop SSO. 6 inch pump installed to bypass problem manhole. Surcharging in system relieved. Problem manhole is isolated and blockage is cleared. |
| | 58 St Andrew Street | Backup into property basement | No release to surface water | 5/22/2013 | 7:00 AM | 5/22/2013 | 7:00 AM | 200 | Rain event; Sewer system blockage due to grease and a root intrusion. | Blockage cleared with jetter and roots were cut out. Line CCTV'd following incident. |
| | Pole 55, Oak Hill Road | Ground surface | No release to surface water | 4/29/2013 | 9:15 AM | 4/29/2013 | 9:15 AM | 125 | Sewer system blockage due to grease from Oak Hill Country Club. SSO flowed for 75 ft. along side of road eventually percolating into ground at low point. | Blockage was cleared. City scheduled to visit pipe to clean, jet and CCTV in the following months. Notified OHCC to be diligent about semi-annual pump outs. |