

Town of Highland
Summary of Sanitary Sewer Overflows Reported in 2020

Date / Time	Drainage Basin Location	Location Description	Type of Overflow Event	Estimated Quantity of Overflow	Cause	Rainfall Event Classification	Comments	Receiving Waters
1-10-2020 11:30 PM to 1-11-2020 11:59 PM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	2,357,418 gal	Rainfall, Excessive I/I, Under Capacity Sewer	12-hr, 1.4 yr. (2.27 inches Rainfall)	Untreated Release	Little Calumet River
1-11-2020 1:55 AM to 1-11-2020 5:29 PM	5 th Street Basin	MH 1345 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	879,781 gal	Rainfall, Excessive I/I, Under Capacity Sewer	12-hr, 1.4 yr. (2.27 inches Rainfall)	Untreated Release	Little Calumet River
1-11-2020 2:50 AM to 1-11-2020 7:35 AM	5 th Street Basin	MH 1039, Duluth Street and Grace Place	Bypass Pumping to Storm Sewer	137,325 gal	Rainfall, Excessive I/I, Under Capacity Sewer	12-hr, 1.4 yr. (2.27 inches Rainfall)	Untreated Release	Little Calumet River
1-11-2020 4:45 AM to 1-11-2020 10:15 AM	5 th Street Basin	MH 1001 on 5th St Interceptor	Bypass Pumping to Storm Sewer	1,255,308 gal	Rainfall, Excessive I/I, Under Capacity Sewer	12-hr, 1.4 yr. (2.27 inches Rainfall)	Untreated Release	Little Calumet River
4-1-2020 3:30 PM to 4-1-2020 5:15 PM	5 th Street Basin	3134 44th Street	Basement Backup	<100 gal	Blocked Sanitary Sewer Line		Removed blockage and sewage drained to sewer	None
4-7-2020 2:39 AM to 4-7-2020 5:48 AM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	72,315 gal	Rainfall, Excessive I/I, Under Capacity Sewer	3-hr, 1.2 yr. (1.62 inches Rainfall)	Untreated Release	Little Calumet River
4-25-2020 11:38 PM to 4-26-2020 12:11 AM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	224 gal	Rainfall, Excessive I/I, Under Capacity Sewer	18-hr, 2.3 mo. (1.30 inches Rainfall)	Untreated Release	Little Calumet River
4-29-2020 4:00 PM to 4-30-2020 1:00 PM	5 th Street Basin	MH 1345 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	1,204,358 gal	Rainfall, Excessive I/I, Under Capacity Sewer	5-day, 2.8 yr. (4.08 inches Rainfall)	Untreated Release	Little Calumet River
4-29-2020 9:31 PM to 4-30-2020 8:45 PM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	4,469,256 gal	Rainfall, Excessive I/I, Under Capacity Sewer	5-day, 2.8 yr. (4.08 inches Rainfall)	Untreated Release	Little Calumet River
4-29-2020 10:05 PM to 4-30-2020 3:55 AM	5 th Street Basin	MH 1039, Duluth Street and Grace Place	Bypass Pumping to Storm Sewer	127,750 gal	Rainfall, Excessive I/I, Under Capacity Sewer	5-day, 2.8 yr. (4.08 inches Rainfall)	Untreated Release	Little Calumet River
5-15-2020 1:05 AM to 5-15-2020 5:50 PM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	2,003,730 gal	Rainfall, Excessive I/I, Under Capacity Sewer	24-hr, 1.3 yr. (2.54 inches Rainfall)	Untreated Release	Little Calumet River
5-15-2020 2:42 AM to 5-15-2020 11:51 AM	5 th Street Basin	MH 1345 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	15,961 gal	Rainfall, Excessive I/I, Under Capacity Sewer	24-hr, 1.3 yr. (2.54 inches Rainfall)	Untreated Release	Little Calumet River
5-15-2020 3:20 AM to 5-15-2020 6:30 AM	5 th Street Basin	MH 1039, Duluth Street and Grace Place	Bypass Pumping to Storm Sewer	102,600 gal	Rainfall, Excessive I/I, Under Capacity Sewer	24-hr, 1.3 yr. (2.54 inches Rainfall)	Untreated Release	Little Calumet River
5-17-2020 3:50 PM to 5-18-2020 11:30 PM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	3,615,657 gal	Rainfall, Excessive I/I, Under Capacity Sewer	4-day, 16.3 yr. (5.75 inches Rainfall)	Untreated Release	Little Calumet River
5-17-2020 7:53 PM to 5-18-2020 5:31 PM	5 th Street Basin	MH 1345 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	3,043,045 gal	Rainfall, Excessive I/I, Under Capacity Sewer	4-day, 16.3 yr. (5.75 inches Rainfall)	Untreated Release	Little Calumet River
5-17-2020 8:53 PM to 5-18-2020 11:50 AM	5 th Street Basin	MH 1001 on 5th St Interceptor	Bypass Pumping to Storm Sewer	3,162,637 gal	Rainfall, Excessive I/I, Under Capacity Sewer	4-day, 16.3 yr. (5.75 inches Rainfall)	Untreated Release	Little Calumet River
5-17-2020 9:30 PM to 5-18-2020 10:30 AM	5 th Street Basin	MH 4001 (41st Street Lift Station)	Bypass Pumping to Storm Sewer	785,081 gal	Rainfall, Excessive I/I, Under Capacity Sewer	4-day, 16.3 yr. (5.75 inches Rainfall)	Untreated Release	Cady Marsh Ditch
5-17-2020 9:45 PM to 5-18-2020 9:10 AM	5 th Street Basin	MH 1039, Duluth Street and Grace Place	Bypass Pumping to Storm Sewer	326,745 gal	Rainfall, Excessive I/I, Under Capacity Sewer	4-day, 16.3 yr. (5.75 inches Rainfall)	Untreated Release	Little Calumet River

Date / Time	Drainage Basin Location	Location Description	Type of Overflow Event	Estimated Quantity of Overflow	Cause	Rainfall Event Classification	Comments	Receiving Waters
5-17-2020 9:00 PM (estimated start) 5-17-2020 and 5-18-2020 (reports made to Town)	5 th Street Basin	2814, 2819, 2918, 3235 & 3315 Strong Street 3133 Glenwood Avenue 3108 Maple Drive 2839 Condit Street 2828 & 3217 Duluth Street 3509 Duluth Place 3036 Grand Boulevard	Basement Backups (12 Locations) (via. Basement Floor Drain, Shower Stall, Toilet, Uncapped Former Sump Pump Pipe, Cracked Laundry Tub Pipe, and/or Sink)	Ea. <100 gal	Rainfall, Excessive I/I, Under Capacity Sewer. Also, Check Valves at MH 1230 Overflow and MH 1345 Overflow Closed 8:20 PM – 9:15 PM and 8:39 PM – 8:44 PM, Respectively, Due to Storm Sewer Surcharge Level Higher Than Sanitary Sewer Surcharge Level	4-day, 16.3 yr. (5.75 inches Rainfall)	Sewage cleaned up or drained to sewer	None
5-23-2020 5:10 PM to 5-24-2020 7:20 AM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	1,876,978 gal	Rainfall, Excessive I/I, Under Capacity Sewer	45-min, 61.9 yr. (2.66 inches Rainfall) or, 10-day, 12.4 yr. (6.89 inches Rainfall)	Untreated Release	Little Calumet River
5-23-2020 5:30 PM to 5-23-2020 10:10 PM	5 th Street Basin	MH 1001 on 5th St Interceptor	Bypass Pumping to Storm Sewer	1,108,556 gal	Rainfall, Excessive I/I, Under Capacity Sewer	45-min, 61.9 yr. (2.66 inches Rainfall) or, 10-day, 12.4 yr. (6.89 inches Rainfall)	Untreated Release	Little Calumet River
5-23-2020 5:58 PM to 5-23-2020 9:33 PM	5 th Street Basin	MH 1345 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	15,882 gal	Rainfall, Excessive I/I, Under Capacity Sewer	45-min, 61.9 yr. (2.66 inches Rainfall) or, 10-day, 12.4 yr. (6.89 inches Rainfall)	Untreated Release	Little Calumet River
5-23-2020 7:00 PM to 5-23-2020 11:15 PM	5 th Street Basin	MH 1039, Duluth Street and Grace Place	Bypass Pumping to Storm Sewer	93,075 gal	Rainfall, Excessive I/I, Under Capacity Sewer	45-min, 61.9 yr. (2.66 inches Rainfall) or, 10-day, 12.4 yr. (6.89 inches Rainfall)	Untreated Release	Little Calumet River
5-23-2020 6:00 PM (estimated start) 5-26-2020 and 5-27-2020 (reports made to Town)	5 th Street Basin	3337 Duluth Street 9320 4th Place	Basement Backups (2 Locations) (via. Basement Shower Stall or Fixture)	Ea. <100 gal	Rainfall, Excessive I/I, Under Capacity Sewer	45-min, 61.9 yr. (2.66 inches Rainfall) or, 10-day, 12.4 yr. (6.89 inches Rainfall)	Sewage cleaned up or drained to sewer	None
6-10-2020 10:10 AM to 6-10-2020 11:50 AM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	77,349 gal	Rainfall, Excessive I/I, Under Capacity Sewer	45-min, 3.2 yr. (1.34 inches Rainfall)	Untreated Release	Little Calumet River
6-26-2020 9:50 PM to 6-27-2020 12:40 AM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	175,761 gal	Rainfall, Excessive I/I, Under Capacity Sewer	2-hr, 1.5 yr. (1.53 inches Rainfall)	Untreated Release	Little Calumet River
6-28-2020 12:50 PM to 6-28-2020 8:05 PM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	842,095 gal	Rainfall, Excessive I/I, Under Capacity Sewer	1-hr, 5.9 yr. (1.75 inches Rainfall)	Untreated Release	Little Calumet River
6-28-2020 1:07 PM to 6-28-2020 5:12 PM	5 th Street Basin	MH 1345 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	189,261 gal	Rainfall, Excessive I/I, Under Capacity Sewer	1-hr, 5.9 yr. (1.75 inches Rainfall)	Untreated Release	Little Calumet River
6-28-2020 1:40 PM to 6-28-2020 6:10 PM	5 th Street Basin	MH 1039, Duluth Street and Grace Place	Bypass Pumping to Storm Sewer	98,550 gal	Rainfall, Excessive I/I, Under Capacity Sewer	1-hr, 5.9 yr. (1.75 inches Rainfall)	Untreated Release	Little Calumet River
7-19-2020 9:05 AM to 7-19-2020 11:32 AM	5 th Street Basin	MH 1345 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	71 gal	Rainfall, Excessive I/I, Under Capacity Sewer	1-hr, 4.8 yr. (1.68 inches Rainfall)	Untreated Release	Little Calumet River
7-19-2020 9:20 AM to 7-19-2020 4:10 PM	5 th Street Basin	MH 1230 on 5th St Interceptor	At 1 Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	881,167 gal	Rainfall, Excessive I/I, Under Capacity Sewer	1-hr, 4.8 yr. (1.68 inches Rainfall)	Untreated Release	Little Calumet River
7-19-2020 10:00 AM to 7-19-2020 2:30 PM	5 th Street Basin	MH 1039, Duluth Street and Grace Place	Bypass Pumping to Storm Sewer	98,550 gal	Rainfall, Excessive I/I, Under Capacity Sewer	1-hr, 4.8 yr. (1.68 inches Rainfall)	Untreated Release	Little Calumet River