

Library Reference 4.3.9

2009 record of sanitary sewer overflows (SSO), Onondaga Basin.

Date	Estimated Volume (gallons)	Receiving Water
01/01/2009	400	SSO was absorbed into ground
01/02/2009	125	Storm Sewer on Enterprise Drive
02/27/2009	525	Onondaga Creek
03/09/2009	114,900	Harbor Brook
04/11/2009	4,620,209	Onondaga Creek
04/28/2009	270	Mud Creek (drainage swale to)
05/27/2009	200	Ley Creek (drainage swale to)
06/05/2009	40	SSO was absorbed into ground
06/08/2009	10	SSO was absorbed into ground
06/12/2009	350,000	Onondaga Lake
08/05/2009	200	Onondaga Creek
08/09/2009	916,000	Onondaga Lake
08/29/2009	330,000	Onondaga Lake
08/30/2009	1	N/A SSO contained in basement
09/18/2009	102,000	Teall Brook (storm sewer to)
10/03/2009	900	Mud Creek
10/04/2009	0	N/A (minor back up around floor drain)
10/23/2009	1,800	Onondaga Lake (storm retention basin to)
10/29/2009	5	N/A (basement floor hse #105 Emerald Dr)
11/06/2009	720	Onondaga Creek
11/28/2009	55	Ley Creek (storm sewer to)
11/28/2009	50	Ley Creek (storm sewer to)
12/03/2009	200	SSO absorbed into soil around manhole
12/13/2009	100	5748 Bartel Rd (private residence)

Total SSO releases in 2009 (gal)	6,438,710
Harbor Brook	114,900
Ley Creek	305
Mud Creek	1,170
Onondaga Creek	4,621,654
Onondaga Lake	1,597,800
Teall Brook	102,000
Other	881

Other: Includes residential basement discharges and absorptions

Source: Onondaga County Department of Water Environment Protection Sanitary Sewer Overflow Reports for 2009.



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO Overflow ID: 105
Service Area: Town of Cicero
Facility: Town sewer on Bartel Road POTW: Brewerton

Date Overflow Began/Observed: 12/13/2009 Date Ended: 12/14/2009
Time Overflow Began/Observed: 8:30 PM Time Ended: 12:30 AM Duration: 4.00 (hrs)

Estimated Volume of Overflow: 100 (gallons)
Receiving Water: 5748 Bartel Rd (private residence)

Cause: Heavy grease, which backed up 8-inch main, causing overflow to basement at 5748 Bartel Road

Action Taken: Jet cleaned main, restoring service. Followed up with recleaning of mains. Also closed circuit televising of main.

Comments:

Coordinates: 46°N 76.16°W

Signatures and dates of Michael G. Mastenleo, Nicholas A. Capozza, and Patricia M. Pastella, P.E. Commissioner.

Distributed To:

- Mary Jane Peachey, P.E., NYSDEC Div. Water, Region 7
Saiban Mahamooth, NYSDEC Div. of Water, Region 7
Nicholas A. Capozza, OCDWEP Flow Control
Jeanne Powers, OCDWEP Process Control
Janaki Suryadevara, OCDWEP Engineering and Laboratory Services
Supervisor/Mayor, Town/Village CICERO



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO Overflow ID: 104
Service Area: Town of Clay
Facility: Gaskin Road Force Main Air Release Valve Manho POTW: Oak Orchard
Date Overflow Began/Observed: 12/03/2009 Date Ended: 12/03/2009
Time Overflow Began/Observed: 10:30 AM Time Ended: 11:30 AM Duration: 1.00 (hrs)
Estimated Volume of Overflow: 200 (gallons)
Receiving Water: SSO absorbed into soil around manhole.

Cause: Failure of an Air Release valve on the County owned Gaskin Road Force Main.

Action Taken: Vacuumed up residual from SSO on ground surface. Ceased and isolated SSO by diverting flow to the Wetzel Road Wastewater Treatment facility. Ordered and will install a new tap sleeve and valve as soon as it is delivered.

Comments:

Coordinates: 43.1653-76.2330

Signatures and dates: Michael G. Masterleo (12/8/09), Nicholas A. Capozza (12/8/09), Patricia M. Pastella, P.E. (12/10/09)

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Jeanne Powers, OCDWEP Process Control
Janaki Suryadevara, OCDWEP Engineering and Laboratory Services
Supervisor/Mayer, Town/Village CLAY



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO

Overflow ID: 103

Service Area: Town of Salina

Facility: Town Sewer on Route 11

POTW: Metro

Date Overflow Began/Observed: 11/28/2009 **Date Ended:** 11/28/2009

Time Overflow Began/Observed: 9:30 PM **Time Ended:** 11:45 PM **Duration:** 2.15 (hrs)

Estimated Volume of Overflow: 50 (gallons)


Receiving Water: Storm sewer to Ley Creek

Cause: Heavy grease build up in main sewer.


Action Taken: Cleared blockage in main line sewer and restored flow

Comments: Investigation underway regarding proper compliance with disposal of fats oil and grease from tributary restaurants.

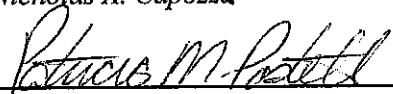
Coordinates: Lat- 43.09 Long.- 76.16



Michael G. Masterleo Date 12/1/09



Nicholas A. Capozza Date 12/2/09



Patricia M. Pastella, P.E. Date 12/3/09
Commissioner

Distributed To:

Mary Jane Peachey, P.E., NYSDEC Div. Water, Region 7

Saiban Mahamooth, NYSDEC Div. of Water, Region 7

Nicholas A. Capozza, OCDWEP Flow Control

Jeanne Powers, OCDWEP Process Control

Janaki Suryadevara, OCDWEP Engineering and Laboratory Services

Supervisor/Mayor, Town/Village



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy


Overflow Type: SSO	Overflow ID: 102	
Service Area: Town of Salina		
Facility: Town of Salina owned sewer@ 7th North St.	POTW: Metro	
Date Overflow Began/Observed: 11/28/2009	Date Ended: 11/28/2009	
Time Overflow Began/Observed: 9:30 AM	Time Ended: 10:45 AM	Duration: 1.15 (hrs)
Estimated Volume of Overflow: 55 (gallons)		
Receiving Water: Storm sewer to Ley Creek		

Cause: Heavy grease build up in main sewer.


Action Taken: Used combo cleaner to relieve blockage, relieve the sso, and restore flow.

Comments: Televising main sewer to determine source and cause of grease build up.


Coordinates: Lat.- 43.09 Long. 76.16



Michael G. Masterlao
Date 12/1/09



Nicholas A. Capozza
Date 12/2/09



Patricia M. Pastella, P.E.
Commissioner
Date 12/3/09

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Mary Jane Peachey, P.E., NYSDEC Div. Water, Region 7
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Jeanne Powers, OCDWEP Process Control
Janaki Suryadevara, OCDWEP Engineering and Laboratory Services
Supervisor/Mayor, Town/Village



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: CSO	Overflow ID: 101
Service Area: City of Syracuse	
Facility: MIS CSO#028 Walton Street	POTW: Metro

Date Overflow Began/Observed: 11/06/2009	Date Ended: 11/06/2009		
Time Overflow Began/Observed: 9:30 AM	Time Ended: 11:30 AM	Duration: 2.00 (hrs)	


Estimated Volume of Overflow: 720 (gallons)
Receiving Water: Onondaga Creek

Cause: Blockage in regulator pipe between interceptor chamber and siphon inlet manhole


Action Taken: Used sewer jet to remove blockage and restore flow

Comments: Cleaned both siphons under Onondaga Creek


Coordinates: 43 02' 53"N 76 09' 27"W



Michael G. Masterleo
11/10/09
Date



Stephen W. Martin
11/10/09
Date



Patricia M. Pastella, P.E.
Commissioner
11/10/09
Date

Distributed To:

- Mary Jane Peachey, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- Janaki Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO	Overflow ID: 100
Service Area: Town of Salina	
Facility: Hopkins Road Trunk Sewer	POTW: Metro

Date Overflow Began/Observed: 10/29/2009	Date Ended: 10/29/2009
Time Overflow Began/Observed: 7:00 AM	Time Ended: 8:00 AM
	Duration: 1.00 (hrs)

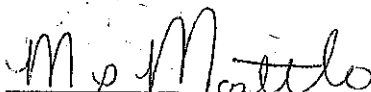
Estimated Volume of Overflow: 5 (gallons)
Receiving Water: Basement Floor Hse #105 Emerald Dr.

Cause: Restriction in the Hopkins Road Trunk Sewer.


Action Taken: Cleared restriction with high pressure sewer jet.

Comments: SSO was confined to a small back-up around the basement floor drain of Hse 105 Emerald Dr.

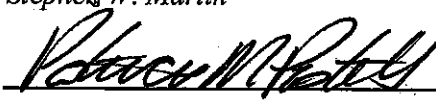
Coordinates: Lat 43.11 Long. 76.169



 Michael G. Masterlep Date 11/2/09



 Stephen W. Martin Date 11/03/09



 Patricia M. Pastella, P.E. Date 11/5/09
 Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
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Department of Water Environment Protection

Overflow Report - Signature Copy


Overflow Type: SSO	Overflow ID: 99	
Service Area: Village of Liverpool		
Facility: Village sewer @ Iroquois Lane.	POTW: Metro	
Date Overflow Began/Observed: 10/23/2009	Date Ended: 10/23/2009	
Time Overflow Began/Observed: 1:30 PM	Time Ended: 2:30 PM	Duration: 1.00 (hrs)
Estimated Volume of Overflow: 1800 (gallons)		
Receiving Water: Storm Retention Basin to Onondaga Lake		

Cause: Failure of an 8 inch. Sanitary main owned by the Village of Liverpool. The sanitary sewer overflow was evident at ground level and infiltrating into an adjacent storm sewer.


Action Taken: Cleared blockage at pipe defect and restored flow of sanitary main. Relieved sanitary sewer overflow and reported defect to the Village of Liverpool Public Works Superintendent for corrective action.

Comments:


Coordinates: 43.09 N 76.21 W



Michael G. Masterleo
10/27/09
Date



Stephen W. Martin
10/27/09
Date



Patricia M. Pastella, P.E.
10/28/09
Commissioner
Date

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
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- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- Janaki Suryadevara, OCDWEP Engineering and Laboratory Services
- Village of Liverpool

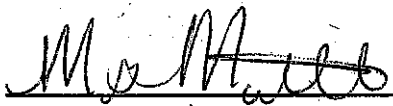

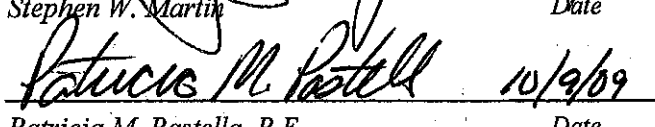


Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO	Overflow ID: 96
Service Area: Town of Clay	
Facility: Town sewer @ #16 Dew Line Dr.	POTW: Wetzel Road
Date Overflow Began/Observed: 10/04/2009	Date Ended: 10/04/2009
Time Overflow Began/Observed: 2:45 PM	Time Ended: 4:15 PM
	Duration: 1.50 (hrs)
Estimated Volume of Overflow: 0 (gallons)	
Receiving Water: N/A Minor Back up around floor drain	

Cause: Blockage in Town of Clay owned main sewer at 16 Dew Line Drive.
Action Taken: Used High Pressure Cleaner to relieve blockage, flush main sewer, and restore flow.
Comments: Back up occurred around floor drain in the basement.
Coordinates: 75.1 N 60.2 W


 Michael G. Masterleo Date 10/8/09

 Stephen W. Martin Date 10/8/09

 Patricia M. Pastella, P.E. Date 10/9/09
 Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
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Overflow Report - Signature Copy

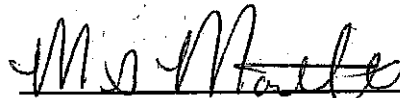
Overflow Type: SSO	Overflow ID: 95	
Service Area: Town of Clay		
Facility: Town sewer R.O.W. @ Davis Road Pump Station	POTW: Oak Orchard	
Date Overflow Began/Observed: 10/03/2009	Date Ended: 10/03/2009	
Time Overflow Began/Observed: 2:30 PM	Time Ended: 4:00 AM	Duration: 1.50 (hrs)
Estimated Volume of Overflow: 900 (gallons)		
Receiving Water: Mud Creek		

Cause: Grease blockage in 8 inch sanitary outfall sewer that serves the Windham apartment complex.


Action Taken: Used High Pressure Cleaner to relieve blockage and restore flow.

Comments:

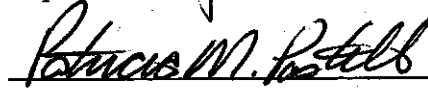
Coordinates: 43.13 N 76.14 W



Michael G. Masterlpo
10/8/09
Date



Stephen W. Martin
10/8/09
Date



Patricia M. Pastella, P.E.
10/9/09
Date
Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
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Onondaga County
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Overflow Report - Signature Copy

Overflow Type: SSO	Overflow ID: 98
Service Area: City of Syracuse	
Facility: James Rigi County Trunk Sewer	POTW: Metro

Date Overflow Began/Observed: 09/18/2009	Date Ended: 09/25/2009	
Time Overflow Began/Observed: 10:00 AM	Time Ended: 11:30 AM	Duration: 0.00 (hrs)


Estimated Volume of Overflow: 102000 (gallons)
Receiving Water: Storm sewer to Teall Brook


Cause: The County owned James Rigi Trunk Sewer is aligned parallel with a City of Syracuse owned storm sewer. Both pipes were structurally compromised at or near the same location. Sedimentation and debris collected downstream of the compromised sanitary pipe causing the sanitary sewer flow to back flow and exfiltrate outside the sanitary sewer pipe and infiltrate into the City owned storm water pipe. An emergency repair was executed by county forces.


Action Taken: It took county forces a number of days of dye testing and internal televising and cleaning to determine the source of the sanitary sewer overflow. Initiated an emergency repair.

Comments: Coordinated tarck down source location efforts with the NYSDEC.

Coordinates: 43.04' 37.201" N 76.06' 13.884" W


 _____ 10/21/09
 Michael G. Masterleo Date


 _____ 10/21/09
 Stephen W. Martin Date


 _____ 10/22/09
 Patricia M. Pastella, P.E. Date
 Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- Janaki-Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO	Overflow ID: 93
Service Area: Town of Camillus	
Facility: 130 Matterson Ave. T/Camillus	POTW: Metro

Date Overflow Began/Observed: 08/30/2009	Date Ended: 08/30/2009		
Time Overflow Began/Observed: 6:45 PM	Time Ended: 8:00 PM	Duration: 1.25 (hrs)	


Estimated Volume of Overflow: 1 (gallons)	
Receiving Water: N/A SSO contained in basement	

Cause: Grease blockage in main sewer caused back up into basement of 130 Matterson Ave. Very small amount around basement floor drain.

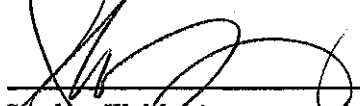
Action Taken: Used sewer jet to flush line remove blockage and restore flow.

Comments: SSO around floor drain returned to sanitary main once blockage was removed. No external sso reached the outside environment.


Coordinates: 76.27 W 43.06 N



Michael G. Masterleo Date 9/3/09



Stephen W. Martin Date 08/30/09



Patricia M. Pastella, P.E. Date 9/10/09
Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
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- Janaki Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO	Overflow ID: 94
Service Area: Town of Geddes	
Facility: Westside Pump Station	POTW: Metro

Date Overflow Began/Observed: 08/29/2009	Date Ended: 08/29/2009		
Time Overflow Began/Observed: 10:30 AM	Time Ended: 11:30 AM	Duration: 1.00 (hrs)	

Estimated Volume of Overflow: 330000 (gallons)
Receiving Water: Onondaga Lake

Cause: A redundant low wet well level float faulted resulting in no pumps running causing the wet well to fill and back up the influent chanel to the controlled diversion.

Action Taken: Bypassed low level alarm and ran all pumps to relieve surcharge and stop sso. Contacted Instrumentation and electrical personnel to trouble shoot circuitry and rectify. Replaced low wet well level float with a new one.

Comments:

Coordinates: N 43 0.4311', W 76 12.332'

Michael G. Masterteo 9/3/09

Date

Stephen W. Martin 09/03/09

Date

Patricia M. Pastella 9/10/09

Date
Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
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Department of Water Environment Protection**

Overflow Report - Signature Copy

Overflow Type: SSO		Overflow ID: 92
Service Area: Town of Geddes		
Facility: West Side Pump Station	POTW: Metro	

Date Overflow Began/Observed: 08/09/2009	Date Ended: 08/10/2009	
Time Overflow Began/Observed: 11:30 PM	Time Ended: 2:00 AM	Duration: 2.50 (hrs)

Estimated Volume of Overflow: 916000 (gallons)	
Receiving Water: Onondaga Lake	

Cause: A momentary power interruption amidst a severe, region wide, electrical storm, caused the sewage pump motor control center to trip out, but did not cause a complete electrical failure at the facility. So the standby generator was not called for. This is first such known occurrence since the facility was upgraded about 1990.

Action Taken: Restarted the pumps to lower wet well level and relieve the system surcharge and the diversion of sanitary flow.

Comments: The first emergency responder was notified that the facility was in alarm and responded to the facility within 60 minutes, restarting the pumps at approximately 11:30 p.m. However, the tributary system had surcharged, and began overflowing at the emergency diversion, due to very intense rainfall.

Coordinates: N43 0.4311 W76 12.332

_____ 9/9/09
 Michael G. Masterleo Date

_____ 09/09/09
 Stephen W. Martin Date

_____ 9/14/09
 Patricia M. Pastella, P.E. Date
 Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- Janaki Suryadevara, OCDWEP Eng. & Lab. Services
- Process Control Director, OCDWEP

09/09/2009



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: CSO	Overflow ID: 97
Service Area: City of Syracuse	
Facility: CSO #066 @ Maltbie Street	POTW: Metro

Date Overflow Began/Observed: 08/05/2009	Date Ended: 08/05/2009		
Time Overflow Began/Observed: 7:00 AM	Time Ended: 12:00 PM	Duration: 5.00 (hrs)	

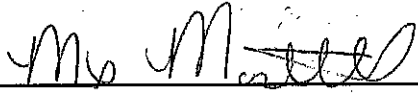
Estimated Volume of Overflow: 200 (gallons)	
Receiving Water: Onondaga Creek	

Cause: Stone and grit plugged interceptor chamber.


Action Taken: Cleaned and removed material from interceptor chamber with a combination cleaner.

Comments: The delayed reporting is due to human error. That same week the Midland Ave. RTF experienced two events where a substantial amount of grit needed to be removed in preparation for the next event. The individuals initially responsible for the draft submittal for the CSO report to me had forgot due to the priority at Midland.

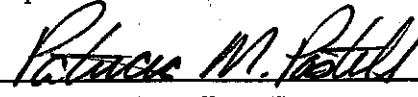
Coordinates: 43.03 N 76.09 W



Michael G. Masterleo
Date 10/20/09



Stephen W. Martin
Date 10/21/09



Patricia M. Pastella, P.E.
Commissioner
Date 10/22/09

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
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- Janaki Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO	Overflow ID: 90
Service Area: Town of Geddes	
Facility: Westside Pump Station	POTW: Metro

Date Overflow Began/Observed: 06/12/2009	Date Ended: 06/12/2009		
Time Overflow Began/Observed: 12:30 AM	Time Ended: 4:00 AM	Duration: 3.50 (hrs)	


Estimated Volume of Overflow: 350000 (gallons)
Receiving Water: Onondaga Lake

Cause: Heavy rainfall, there was 2.5 inches of rainfall reported at Hancock International Airport. The Westside service area appeared to have the greatest localized intensities.


Action Taken: Maintained maximum station performance.

Comments: The Westside Pump Station performed to capacity.

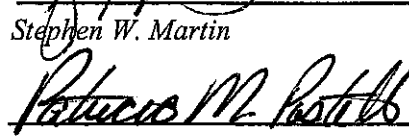
Coordinates:



Michael G. Masterleo
Date 6/16/09



Stephen W. Martin
Date 06/16/09



Patricia M. Pastella, P.E.
Commissioner
Date 6/18/09

Distributed To:

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- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- Janaki Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy


Overflow Type: SSO	Overflow ID: 89	
Service Area: Town of Van Buren		
Facility: Interstate Island Force Main	POTW: Baldwinsville-Seneca Knolls	
Date Overflow Began/Observed: 06/08/2009	Date Ended: 06/08/2009	
Time Overflow Began/Observed: 10:25 AM	Time Ended: 10:30 AM	Duration: 0.20 (hrs)
Estimated Volume of Overflow: 10 (gallons)		
Receiving Water: SSO absorbed into ground		

Cause: A .4 inch. hole developed in the 4-inch fiberglass force main owned by the Town of Vanburen.

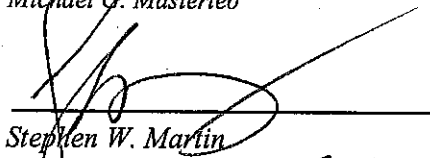
Action Taken: Took Interstate Island Pump Station out of service and dewatered force main back to the wet well so the Town emergency pipeline contractor could make repair.

Comments: Added Fluorescein dye to wet well and cycled pumps to confirm pipeline compromise at observed wet spot .


Coordinates:



Michael G. Masterleo
Date 6/10/09



Stephen W. Martin
Date 06/11/09



Patricia M. Pastella, P.E.
Date 6/12/09
Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- Janaki Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy


Overflow Type: SSO	Overflow ID: 88	
Service Area: Village of Manlius		
Facility: Pleasant Street Trunk Sewer	POTW: Meadowbrook-Limestone	
Date Overflow Began/Observed: 06/05/2009	Date Ended: 06/05/2009	
Time Overflow Began/Observed: 6:00 PM	Time Ended: 7:30 PM	Duration: 1.50 (hrs)
Estimated Volume of Overflow: 40 (gallons)		
Receiving Water: sso was absorbed into the ground		

Cause: Blockage in main sewer.


Action Taken: Removed debris from sewer main. Cleaned and flushed sewer main with high pressure Jet truck and restored flow .

Comments: Manhole cover was sealed with plastic between the frame and cover and the blockage was partial, minimizing the overflow.


Coordinates:



Michael G. Masterleo Date 6/9/09



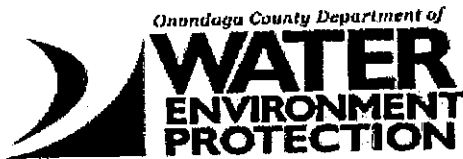
Stephen W. Martin Date 06/05/09



Patricia M. Pastella, P.E. Date 6/9/09
Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- ✓ Janaki Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy


Overflow Type: SSO	Overflow ID: 87	
Service Area: Town of Salina		
Facility: Town sewer @ 7th North St. and Douglas Ave.	POTW: Metro	
Date Overflow Began/Observed: 05/27/2009	Date Ended: 05/27/2009	
Time Overflow Began/Observed: 7:28 AM	Time Ended: 8:20 AM	Duration: 1.00 (hrs)
Estimated Volume of Overflow: 200 (gallons)		
Receiving Water: Drainage Swale to Ley Creek		

Cause: Blockage in sanitary main sewer from heavy grease build up. There is a concentration of restaurants and hotels/inns with commercial kitchens in the immediate vicinity.

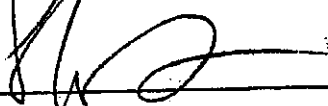
Action Taken: Cleared blockage and stopped the SSO. Restored flow to sanitary sewer. Plumbing Control division will conduct restaurant inspections relative to proper grease disposal and maintenance and servicing of grease interception devices.

Comments:


Coordinates:



Michael G. Masterleo
Date 6/1/09



Stephen W. Martin
Date 06/02/09



Patricia M. Pastella, P.E.
Commissioner
Date 6/2/09

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- Janaki Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

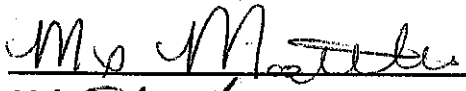
Overflow Type: SSO	Overflow ID: 86	
Service Area: Town of Cicero		
Facility: Manhole # 52 on the South Bay Trunk Sewer	POTW: Oak Orchard	
Date Overflow Began/Observed: 04/28/2009	Date Ended: 04/28/2009	
Time Overflow Began/Observed: 3:00 PM	Time Ended: 3:30 PM	Duration: 0.50 (hrs)
Estimated Volume of Overflow: 270 (gallons)		
Receiving Water: Drainage swale to Mud Creek		

Cause: A minor grade defect condition in the 12 inch sewer caused solids to settle out, creating a surcharge in the upstream sewer reach.


Action Taken: Cleared blockage and cleaned sewer reach with Jet-Vacuum machine which restored flow. Followed up with internal closed circuit televising which revealed a minor grade defect.

Comments: A new residential subdivision in the Village of North Syracuse was connected to the sanitary trunk sewer 500 feet upstream from where the back-up occurred. The connection was completed in early fall of 2008. Debris from the construction of said connection may have contributed to the back-up.


Coordinates:

 5/4/09

Michael G. Masterleo Date

 05/09/09

Stephen W. Martin Date

 5/5/09

Patricia M. Pastella, P.E. Date
Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Engineering & Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: CSO	Overflow ID: 85
Service Area: City of Syracuse	
Facility: Newell Street Regional Treatment Facility	POTW: Metro

Date Overflow Began/Observed: 04/11/2009	Date Ended: 04/20/2009
Time Overflow Began/Observed: 1:40 PM	Time Ended: 2:00 AM
	Duration: 204.00 (hrs)

Estimated Volume of Overflow: 4620209 (gallons)
Receiving Water: Onondaga Creek

Cause: Failure of the Midland Ave. Trunk sewer. Structural Failure of the pipe crown. One or more recent potable water breaks in the same block of Midland Ave. likely eroded mortar from the brick pipe material, causing structural failure of the pipe. The water pipes are above and parallel to the sewer line. In this instance, the failure was probably progressive, collapsing slowly over a period of time, finally blocking most of the flow volume and creating an overflow condition at CSO 067.


Action Taken: An emergency contractor was hired to remove the debris dam, construct a bypass pumping system, and temporarily stabilize the situation. The Syracuse Water Department repaired their water main. OCDWEP personnel determined that much of the remaining pipe in the 2200 block of Midland Ave. is structurally unstable and is preparing an emergency bid specification for its immediate replacement. The dry weather CSO has been abated

Comments: It was fortunate that there are two or three "highpoint" manholes interconnecting this part of the Midland sewershed with the Newell sewershed, or we would have flooded many basements. Two-way manholes and break points in sewersheds are uncommon, but there are a few. We were able to identify and locate the failure quickly because the Newell Street pumps began operating during dry weather

Coordinates: 43 00' 58" N / 76 09' 28" W

Distributed to:

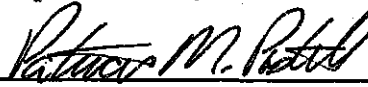
- James E. Burke, P.E., NYSDEC
- Saiban Mahamooth, P.E., NYSDEC
- Stephen W. Martin, OCDWEP
- Jeanne Powers, OCDWEP


 Michael G. Masterleb 4/30/09

 Date


 Stephen W. Martin 04/30/09

 Date


 Patricia M. Pastella, P.E. 5/5/09

 Commissioner Date



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy


Overflow Type: CSO	Overflow ID: 91	
Service Area: City of Syracuse		
Facility: Rowland Trunk CSO #018	POTW: Metro	
Date Overflow Began/Observed: 03/09/2009	Date Ended: 03/17/2009	
Time Overflow Began/Observed: 10:00 AM	Time Ended: 9:30 AM	Duration: 191.50 (hrs)
Estimated Volume of Overflow: 114900 (gallons)		
Receiving Water: Harbor Brook		

Cause: Spring rain and snow melt into the Rowland Trunk Sewer tributary to CSO # 018

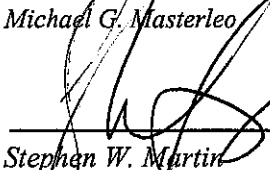
Action Taken: Regulator pipe at intercepting chamber open and free flowing.

Comments: Eight inch regulator pipe unable to convey I & I. This discharge was observed and reported in our weekly inspection report dated 3/13/09.

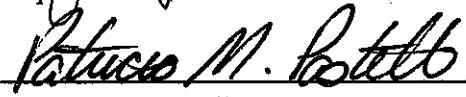
Coordinates:

 6/17/09

Michael G. Masterleo Date

 6/17/09

Stephen W. Martin Date

 6/18/09

Patricia M. Pastella, P.E. Date
Commissioner

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Process Control
- Janaki Suryadevara, OCDWEP Engineering and Laboratory Services



Onondaga County
Department of Water Environment Protection


Overflow Report - Signature Copy

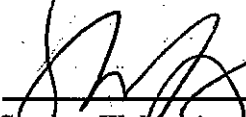
Overflow Type: CSO	Overflow ID: 84
Service Area: City of Syracuse	
Facility: MIS CSO#31 W. Jefferson St	POTW: Metro

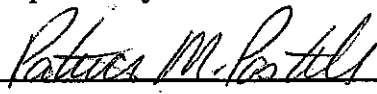
Date Overflow Began/Observed: 02/27/2009	Date Ended: 02/27/2009		
Time Overflow Began/Observed: 9:00 AM	Time Ended: 10:45 AM	Duration: 1.75 (hrs)	

Estimated Volume of Overflow: 525 (gallons)	
Receiving Water: Onondaga Creek	

Cause: Blockage in regulator pipe - grease and grit
Action Taken: Used combination sewer cleaner to remove blockage and restore flow
Comments: None
Coordinates: 43 03" 07" N / 76 10' 35" W


Michel G. Masterleo 3/3/09
Date


Stephen W. Martin 03/03/09
Date


Patricia M. Pastella, P.E. 3/5/09
Commissioner Date

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanné Powers, OCDWEP Engineering & Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO	Overflow ID: 82
Service Area: Town of Dewitt	
Facility: Towpath Commons Pump Station	POTW: Metro

Date Overflow Began/Observed: 01/02/2009	Date Ended: 01/02/2009		
Time Overflow Began/Observed: 7:15 AM	Time Ended: 8:15 AM	Duration: 1.00 (hrs)	


Estimated Volume of Overflow: 125 (gallons)
Receiving Water: Storm Sewer on Enterprise Dr.

Cause: An air leak developed in the bypass piping causing sewage to freeze and split the cap flange piping.

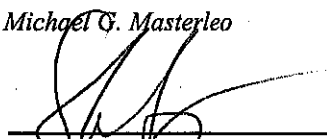
Action Taken: Removed broken cap and replaced with a new schedule 40 black iron cap.

Comments: Will coordinate with the Town of Dewitt Engineering consultant regarding a solution to prevent future occurrences.

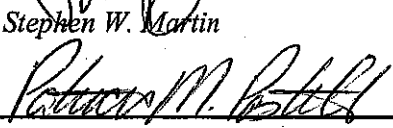
Coordinates:



Michael G. Masterleo
Date 1/8/09



Stephen W. Martin
Date 01/09/09



Patricia M. Pastella, P.E.
Commissioner
Date 01/09/09

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Engineering & Laboratory Services



Onondaga County
Department of Water Environment Protection

Overflow Report - Signature Copy

Overflow Type: SSO	Overflow ID: 81
Service Area: Town of Marcellus	
Facility: Platt Road Pump Station	POTW:

Date Overflow Began/Observed: 01/01/2009	Date Ended: 01/01/2009	
Time Overflow Began/Observed: 2:15 PM	Time Ended: 2:25 PM	Duration: 0.10 (hrs)


Estimated Volume of Overflow: 400 (gallons)
Receiving Water: SSO was absorbed into the ground

Cause: Frozen bypass pipe caused 4 inch schedule 40 pipe cap to split and crack.

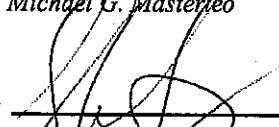
Action Taken: Removed broken cap and replaced with new Black iron cap.

Comments: Coordinate with Town of Marcellus on how to prevent future occurrences.

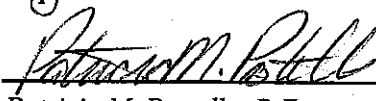
Coordinates:



Michael G. Masterjeo
Date 1/8/09



Stephen W. Martin
Date 01/09/09



Patricia M. Pastella, P.E.
Commissioner
Date 01/09/09

Distributed To:

- James E. Burke, P.E., NYSDEC Div. Water, Region 7
- Saiban Mahamooth, P.E., NYSDEC Div. of Water, Region 7
- Stephen Martin, OCDWEP Flow Control
- Jeanne Powers, OCDWEP Engineering & Laboratory Services