



Department of Public Works

Jeffrey J. Mantes
Commissioner of Public Works

Preston D. Cole
Director of Operations

To: Mayor, Common Council Members

From: Preston Cole and Jeff Polenske

Date: 07/29/2010

Re: July 22, 2010 Storm Response

Attached is our most recent update related to the Storm of July 22, 2010. We will attempt to update you daily.

Back Water Requests as of
7/28/10 end of the day

Total Backwater Request Calls	8,800
Number Investigated	4,441
Percentage Investigated	50%

This reflects the number of Back Water Complaints received through the DPW Call Center, but vetted for duplicates.

7/26 Actions

55 Crews from Sewers, Streets, Bridges, and Operations (2 personnel for each crew) are investigating backwater complaints that were received over the call center computer. All crews are instructed to interview each citizen that had a backwater. Crews are checking the up stream and down stream manholes to make sure all water in the main sewer is flowing properly. They are interviewing residents gathering as much information as possible. Regularly assigned duties have been discontinued until backwaters are completed. These crews will be working extend 10 hour days until all backwater complaints are verified and documented.

Hand crews from Sewers (2 personnel each) have been dispatched to monitor pump locations, respond to cave-ins, any needed barricading, and assist in surface ponding complaints.

One Sewer Jet available for clogged sewers, surface ponding, and backwater complaints but assigned to backwater investigations until needed (counted with 66 backwater crews).

7 Jet -vacs are available for clogged sewers, surface ponding, and backwater complaints but assigned to backwater investigations until needed.

Additional staff has been assigned from Infrastructure to monitor, dispatching, and resolving complaints on the computer data base.

7/27 Actions

66 Crews from Sewers, Streets, Bridges, and Operations (2 personnel for each crew) are investigating backwater complaints.

4 Special investigator crews (included in the 66 above) lead by the most experienced personnel are responding to high priority backwaters, cave-ins, missing lids, and anything requiring a quick response.
Increased to 3 Sewer Jet crews (from 1).
Down to 3 Jet-vac crews (from 7).
Mobile pumps have been turned off.

7/28 Actions

66 Crews from Sewers, Streets, Bridges, and Operations (2 personnel for each crew) are investigating backwater complaints.

4 Special investigator crews (included in the 66 above) lead by the most experienced personnel are responding to high priority backwaters, cave-ins, missing lids, and anything requiring a quick response.
Regularly assigned duties have been discontinued until backwaters are complete.
3 Hand Crews (2 personnel each) instructed to monitor pump locations and assist in surface ponding.
Remained at 3 Sewer Jet Crews.
Increased to 7 Jet-vac crews (from 3).
Increased number of Flood Control Clerks to monitor, dispatching, and resolving complaints on the computer data base.

**Flood Debris Pick Request Calls as
of 10am 7/29/10**

Total Calls	5,449
Completed Requests	4,342
Requests in Progress	405

Tons of Flood Debris Collected (thru 7/28 end of day)	3,333
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This reflects total calls received through the DPW call center for Flood Debris. This does NOT reflect all instances of debris.

Sanitation staff has indicated that for every call for debris in the system, there are 3 to 4 homes that have debris.

Sanitation crews are responding to calls and picking up all debris on a block. Sanitation is going quarter section by quarter section to pick up all debris.

Sanitation had 11 Skid Loaders, 5 Prentice Loaders, and 15 Packers on for 9 hours on Saturday 7/24 and Sunday 7/25. These crews collected approximately 580 tons of flood debris.

7/27 Actions

85 pieces of special equipment
41 additional Packers moved to flood debris after normal collections
Regular garbage and recycling will remained on schedule.
11 City Laborers moved from Forestry to Sanitation to keep collection schedule.

7/28 Actions

93 pieces of special equipment
77 Packers (all routes) moved to flood debris after normal collections
Regular garbage and recycling will remained on schedule.
18 City Laborers moved from Forestry to Sanitation to keep collection schedule.

7/29 Action Plan

Flood Response Equipment	
skid loader (city)	11
skid loader (private)	18
packers	29
prentice loaders	5
roll offs	2
end loaders	5
end loaders w/grapple	2
end loaders w/grapple (private)	1
triaxles	16
triaxles (Water Dept.)	5
holder w/blade	1
packer w/ramp	1
Total	96

The special equipment will run 12 hour days until further notice. Additionally, some special equipment will run until Midnight until further notice. There may be noise complaints, but we will monitor the issue and adjust accordingly.

Regular garbage and recycling will remain on schedule.
27 City Laborers are being moved from Forestry to Sanitation to keep collection schedule.

Until further notice, all 77 Sanitation crews will complete their normal 8 hour shift and then proceed to the North and Central areas to do flood debris pick up until dusk.

Many non-essential DPW jobs were knocked off to move equipment and personnel to Flood Debris control.

DPW Storm Related Activities and Estimates Costs for 7/22/2010 Storm Event

updated 07-29-2010

	Activity	Salaries	Materials and Services	Equipment	Total
Administration					
	Additional Staff and Overtime for Call Center	11,873			\$ 11,873
Infrastructure					
	Road Shoulders and Washouts		200,000		\$ 200,000
	Sinkhole		1,000,000		\$ 1,000,000
	Miscellaneous Bridge Repair		100,000		\$ 100,000
	Street Lighting Repairs and Substation Flooding Street Light Substation Damage	7,136		15,919	\$ 23,055
	Traffic Lighting Control Box Repairs	1,000	7,500	400	\$ 8,900
	Police Administration Building Substation	4,300	27,950		\$ 32,250
	Custodial Clean-up City Hall Basement Flooding	523			\$ 523
	Conduit and Cable repair and temporary installation		33,200		\$ 33,200
	Long Island Recreation Facility(replenish wood chips in playground)		8,000		\$ 8,000
Operations					
	Barricade Placement	955			\$ 955
	Flood Debris Collection including 64 ODW working 9 hours of overtime each manning 11 skid loaders, 5 prentiss loaders, and 16 packer trucks. Flood Debris collection totals 720 tons to date, with an additional 3,000 tons anticipated through the next week.	37,757	28,450		\$ 66,207
	Self Help Locations	5,666	20,874		\$ 26,540
	Fleet Service cost for towing city vehicles including a sewer truck and police squad cars. Also costs related to repair and drying out of flooded vehicles.	54,192	-		\$ 54,192
	Forestry responded to tree damage requests, restoring trees to safe condition and removing debris. Also lost \$30,000 worth of mulch in uncovered storage.	6,286	30,000		\$ 36,286
	Boulevard repair due to flooding.	39,014			\$ 39,014
	On-going Flood Debris Pick Up				\$ 750,000
Parking					
	Elevator Repairs at MacArthur Square				\$ 10,500
Water Works					
	Flood related circuitry work, inspection, debris removal, and catch basin repair	7,241	3,000	2,544	\$ 12,785
Sewers					
	Backwater Investigation Crews	172,400		91,300	\$ 263,700
	Pumping, Barricads,	167,200	50,000	86,400	\$ 303,600
	Sewer Jets	17,580		8,325	\$ 25,905
	Jet Vacs	25,780		11,875	\$ 37,655
	Flood Control Clerks	7,911			\$ 7,911
TOTAL					\$ 3,053,051



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**Back Water Complaint Calls as
of 7/26/10**

<u>Aldermanic District</u>	<u>Back Water Complaints</u>
1	1,030
2	1,070
3	112
4	53
5	561
6	336
7	1,148
8	28
9	298
10	340
11	20
12	36
13	135
14	34
15	295
<i>Total</i>	5,496
<i>Percentage investigated</i>	44%

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N.B.