

**CITY OF DANBURY**  
**DEPARTMENT OF PUBLIC WORKS**



**155 DEER HILL AVENUE**  
**DANBURY, CONNECTICUT 06810**  
**(203) 797-4537 FAX (203) 796-1586**

**MAYOR**  
**Honorable Mark D. Boughton**

**PUBLIC WORKS DIRECTOR**  
**Antonio Iadarola, P.E.**

October 26, 2006

Honorable Mayor Mark D. Boughton  
Honorable Members of the Danbury Common Council  
155 Deer Hill Avenue  
Danbury, CT 06810

RE: Monthly report for the month of September 2006

Dear Mayor Boughton and Members of the Common Council:

I am pleased to present to you the Public Works Department monthly report for the month of September. I hope that you found the report format that was used last month to be easy to read and comprehensive.

Some of the key discussions at the Director's meetings this month included developing a plan for the plowing of the schools. This year the PWD will plow all the school parking lots. This task will be shared between Public Buildings and Park Maintenance with the Highway Department sanding and helping out where necessary.

There were also good discussions regarding cross use of equipment and manpower as allowed by union contracts. The focus is not to look at how each division will accomplish its work load, but how we can have two or three divisions work together to not only complete their routine work, but reduce their backlog. It is very important that the divisions' key operating priorities and the functions they provided are always respected. The supervisors discussed inspection of snow plowing equipment and preparing for leaf pick-up.

In the month of September discussions at these meetings also focused on filling of current and future vacancies in order to control overtime. The Director has been working with the Human Resources Department in addressing these vacancies. The Director is also focusing on compiling and categorizing all of our drainage issues so that we can complete some in-house designs and have our highway department perform the construction.

Should you have any questions regarding this report or any of the separately submitted division's reports, please call me at 797-4537.

**Engineering Report submitted by the Farid Khouri, City Engineer:**

Attached you will find the monthly report for the month of September 2006 for the Engineering Department of the City of Danbury. Before this month's Common Council meeting, I will email you the current City Projects list with a short status report on each of the projects.

Assessment projects: residents in the Jackson Drive/Woodbury Drive area sanitary sewer project area have started connecting to the new sewer line. The Nancy Drive/Carolyn Avenue area sanitary sewer assessment project continues to move forward, with anticipated completion in spring 2007. The Department is working on various other assessment projects, and we continue to perform our daily sanitary sewer and water inspections.

Engine 26 is on schedule, with footings underway and the sanitary sewer extension design has been completed.

With respect to the Library Place Parking Garage, the contractor has poured some footing sections of the garage, and we are currently coordinating utility relocation with various property owners.

As far as the Kaplanis Memorial Field project, construction is progressing rapidly with contractor H.I. Stone & Son on site. Site clearing has started and the contractor has finished the blasting. Grading of the field is underway.

The Rogers Park Middle School renovations are well underway. The Media Center is almost finished; the Gym has been completed and is open; the five new classrooms are occupied; and the majority of the work will be done by the end of this year. Completion of the Auditorium is anticipated in spring 2007.

The Roberts Avenue Replacement School Phase I site clearing and demolition has been completed. We are awaiting comments from the State Facility Unit for approval of Phase II before going out to bid.

The Police Department Headquarters preliminary design is complete. Environmental evaluation of the site is also complete. The demolition of the buildings is expected to start this fall.

Should you have any questions regarding this report or any of its contents, or for that matter any other issues related to your Engineering Department, please do not hesitate to contact me at 797-4641

**Highway Department report submitted by Duke Hart, Superintendent of Highway:**

The Highway Department, in the month of September, installed new drainage at Long Ridge Rd., Delta Ave, Connecticut Ave., Edgewood St., and twelve other various locations. We also installed new street signs and posts at twelve various locations along with repairing numerous other signs. Sweeping of city streets continues. The Highway Department continues to repair potholes throughout the city's roadway system along with repairing damaged curbing and driveway aprons. Our Permit Department issued 29 new road opening permits this month.

Should you have any questions regarding this report, please feel free to contact me at 797-4605.

**Parks and Recreation Maintenance report submitted by Joseph Pacific, General Foreman:**

The Parks Department continues mowing all of the City of Danbury's buildings, including all of the schools. In addition to that, we were trimming shrubs and maintaining flowerbeds at various locations. We maintain all of the athletic fields including weekly painting of lines for the fall sports.

This division also spread over 650 yards of playground safety fiber at the City's schools and parks in the month of September.

Should you have any questions regarding this report, please feel free to contact me at 796-1558.

**Forestry Department report submitted by Mark Miller, Foreman Forestry Department:**

Tree calls in September: Fir Drive, South King Street, Rose Hill Avenue, 10 Spruce Mountain, Newtown Road, East Starrs Plain, 19 Stevens Street, Franklin Street, Prospect Street

Trees removed in September: One split Ash at 21 Glen Rd. with S & B Tree Removal, one Maple at 13 Farview Avenue, one Sugar Maple at 8 Farview Avenue, a Silver Maple on Shore Road, one large Sugar Maple on Prospect Street, 8 dead Ash and Maple trees at King Street School, one split Ash at Hayestown School

The Tree Department cut back Fir Drive for snowplowing. On Farview Avenue we also raised all the trees over the sidewalk. We trimmed and raised the trees on the Green and at the ice rink. On Ohehyahtah Place we pruned three large Oaks. The Tree Department installed a large banner for the United Way. We installed a new flag at Broadview

Middle School and two new flags on the Green. We are removing old fencing and the old back stops at the softball fields in Rogers Park.

Should you have any questions regarding this report, please feel free to contact me at 797-4609.

**Public Buildings report submitted by Rick Palanzo, Superintendent of Public Buildings:**

In Appendix "A" please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of September. In the month of September we received 82 new work requests and completed 101 work requests. In reviewing this report, you will find the repair time that was expended in major work categories (current month versus previous month). Also listed is the total number of work order hours completed (current month versus the previous month).

Our department was heavily engaged in mechanical repairs of the City's buildings and schools with a total of 220.50 man-hours dedicated to this service. The next largest area of concentration was in electrical repairs, utilizing 165.00 man-hours of labor. Plumbing repairs were the third highest category with 144.00 man-hours.

Should you have any questions regarding this report, please do not hesitate to contact me at 797-4584. I am happy to discuss any portion of this report with you.

See appendix "A" for attachments

**Public Utilities report submitted by David Day, Superintendent of Public Utilities:**

The Public Utilities Department continues to service fire hydrants throughout the city, repair water main leaks and breaks, and performed maintenance to our Sanitary Sewer Collection System.

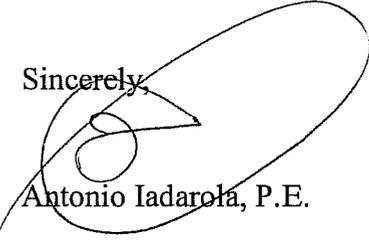
As of this month there are 92 hydrants out of service.

Attached you will find reports from the Water Department, Equipment Maintenance Department and Water Pollution Control Plant.

Should you have any questions regarding this report, please do not hesitate to contact me at 797-4539

See appendix "B" for attachments

Sincerely,



Antonio Iadarola, P.E.

Public Works Director

AI/cbp

Cc: Farid Khouri – Engineering

Rick Palanzo – Public Buildings

David Day – Public Utilities

Joe Pacific – Parks & Rec. Maintenance

Mark Miller – Forestry Dept.

**Appendix “A”**  
**Public Buildings Attachments**

	Labor Hours	Total Hours This Month	tal Hours Last Month	Difference	Percent Change
Administration		127.50	120.00	.75	0.00
City Bldgs	63.75				
Schools	63.75				
Carpentry		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Electrical		165.00	134.50	30.50	18.48
City Bldgs	81.50				
Schools	83.50				
Alarms		0.00	2.50	-2.50	0.00
City Bldgs	0.00				
Schools	0.00				
HVAC		80.00	53.00	27.00	33.75
City Bldgs	24.00				
Schools	56.00				
Locksmith		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Maintenance		2.00	17.00	-15.00	-750.00
City Bldgs	2.00				
Schools	0.00				
Mechanical		220.50	238.50	-18.00	-8.16
City Bldgs	130.00				
Schools	90.50				
Plowing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		144.00	27.00	117.00	81.25
City Bldgs	23.50				
Schools	120.50				
Roofing		0.00	11.00	-11.00	0.00
City Bldgs	0.00				
Schools	0.00				
Total work hours	739.00				

September06

10/13/2006 9:05 am

2

New Work Requests received this month 82

Work Requests Completed this month 101

**Appendix “B”**  
**Public Utilities Attachments**



**CITY OF DANBURY**  
**DEPARTMENT OF PUBLIC UTILITIES**  
**155 DEER HILL AVENUE**  
**DANBURY, CT 06810**

(203) 797-4637  
 FAX (203) 796-1590

TO : Common Council - City of Danbury  
 FROM : David Day, Superintendent of Public Utilities  
 DATE : October 23, 2006

RE : WATER DEPARTMENT REPORT : SEPTEMBER 2006

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I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>96.4</u>	<u>MG.</u>	
B) West Lake Water Treatment Facility :	<u>120.4</u>	<u>MG.</u>	
C) Kenosia Well Field :	<u>0</u>	<u>MG.</u>	
D) Osborne Street Well Field :	<u>0</u>	<u>MG.</u>	
E) Other :	<u>0</u>	<u>MG.</u>	
	( MG. = Million Gallons )		

II. RAINFALL :

A) Month :	<u>3.2</u>	<u>inches</u>
B) Past Year (12 mos.) :	<u>72.3</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>46.4</u>	<u>inches</u>

III. WATER STORAGE :

A) Margerie Reservoir :	<u>97.1</u>	<u>%</u>
B) West Lake Reservoir :	<u>87.7</u>	<u>%</u>
C) East Lake Reservoir :	<u>73.1</u>	<u>%</u>
D) Total :	<u>89.4</u>	<u>%</u>

date: 9/1/2006

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>4.48</u>	<u>MG.</u>
C) Shelter Rock Pump Station :	<u>3.29</u>	<u>MG.</u>
D) WestConn Pump Station :	<u>2.28</u>	<u>MG.</u>
E) Margerie Pump Station :	<u>0.91</u>	<u>MG.</u>
F) Pleasant Acres:	<u>2.14</u>	<u>MG.</u>
G) Nabby Road:	<u>1.11</u>	<u>MG.</u>
H) Harvest Hill:	<u>3.55</u>	<u>MG.</u>
I) West Lake High Service :	<u>55.8</u>	<u>MG.</u>
	<u>( MG. = Million Gallons )</u>	

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	<u>0</u>	<u>MG.</u>
B) Padanaram to Margerie Reservoir :	<u>0</u>	<u>MG.</u>
C) Kohanza to West Lake Reservoir :	<u>0</u>	<u>MG.</u>
D) Kenosia Diversion to West Lake Reservoir :	<u>0</u>	<u>MG.</u>
E) Kenosia Wells to West Lake Reservoir :	<u>0</u>	<u>MG.</u>
	<u>( MG. = Million Gallons )</u>	

VI. ALGAE CONTROL :

- A) Margerie Reservoir - 2,850 pounds of copper sulfate
- B) \_\_\_\_\_
- C) \_\_\_\_\_

VII. SURVEY OF WATER SOURCES :

- A) Disinfection by-products (trihalomethanes and haloacetic acids) testing of distribution system
- B) \_\_\_\_\_

VIII. SUPERINTENDENTS NOTES :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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## **M E M O R A N D U M**

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**DATE:** October 3, 2006  
**TO:** City of Danbury, Common Council  
**FROM:** David M. Day, P.E., Superintendent – September 2006  
**RE:** Sanitary Sewer Collection System Maintenance

**Complaints:** 13

**Number Received:** 13

**Number Completed:** 13

**Pipe Cleaned:** 2600 LF

**Gallons of Water Used:** 18,000

**Pipe Inspected:**

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**COMMENTS:**

OCT 23 2006

Discard Date \_\_\_\_\_  
Permanent \_\_\_\_\_  
File Code \_\_\_\_\_



**To:** David Day, P.E., Supt. of Public Utilities, City of Danbury

**From:** Anthony J. Bozza, Project Manager

**Subject:** WPCP Report For Month of: September, 2006

**Date:** 10/12/06

**I. Wastewater Treatment:**

A) Sewage Processed:	9.2 MGD (Daily Avg)	275.9 Million Gallons Total
B) Septic Waste Processed:		1,169,725 Gallons Total
C) Sludge Pumped To Digesters:		486,061 Pounds Total

**II. Wastewater Quality**

	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	253	<2	100	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	308	3	98.9	30 mg/l and 85%
C) Total Phosphorus (mg/l):	5.8	0.6	90	1.0 mg/l
D) Ammonia (mg/l):	21.0	0.16	99	1.5 mg/l
E) Total Nitrogen (lbs/Day):	2,942	2,126	28	651 lbs/day

Note: Phosphorus limits apply May - September.

Nitrogen limit for credit trading only.

**III. Pump Station Operation:**

A) Beaver Brook:	743.9 Hours Run
B) Southfield:	25.5 Hours Run
C) Mill Plain:	740.4 Hours Run
D) Backus:	126.8 Hours Run
E) Tarrywile	58.5 Hours Run
F) Turner Road:	38.1 Hours Run
G) Ford Avenue:	22.8 Hours Run
H) Indian Glen:	87.2 Hours Run
I) Delay Street:	38.7 Hours Run
J) Hayestown Road:	39.0 Hours Run
K) Kenosia Avenue:	6.0 Hours Run
L) Larson Drive:	50.6 Hours Run
M) Landfill:	135.0 Hours Run

Total Station Alarms: 5

**MAINTENANCE REPORT  
BUILDING # 6**

9/1/2006	285DA	AIRPORT	ALTERNATOR
	177DA	POOL	BRAKES FRONT END SERVICE
	334DA	POLICE	SERVICE REAR END
	18DA	POLICE	FLAT R/C
9/2/2006	338DA	POLICE	SERVICE I
	418PJR	DET	A/C
9/5/2006	418PJR	DET	A/C COMPRESSOR
	186DA	POLICE	SERVICE / TIRES
	285DA	AIRPORT	POWER STEERING
9/6/2006	337DA	POLICE	CHECK ABS LITE
	418PJR	DET	OVERHEATS
	10DA	POLICE	SERVICE / TIRES
	2DA	POLICE	DEAD BATTERY
	285DA	AIRPORT	CAUGHT FIRE / R/C
9/7/2006	2DA	POLICE	CHECK CHARGING SYS.
	614TKL	POLICE	ENGINE NOISE
	101DA	WATER	COOLNG SYS.
	818RYL	POLICE	FLAT TIRE R/C
	223DA	POLICE	NO TURN SIGNALS
	240DA	POLICE	FLAT TIRE R/C
	36DA	POLICE	LIGHTS
9/11/2006	13DA	POLICE	FLAT TIRE R/C
	418PJR	POLICE	RADIATOR
	21DA	HIWAY	SERVICE / BRAKES
	132DA	WATER	TIRE REPAIR
9/12/2006	935RJO	POLICE	RUNS POOR / SERVICE
	353DA	POLICE	SERVICE TRANS.
	352DA	POLICE	WHEELS
	418PJR	POLICE	COOLING FAN
	349DA	PARKS	TIRE REPAIR
	127DA	PERMIT	EXHAUST
	228DA	DOG	POLICE RADIO
9/13/2006	349DA	PARKS	TIRES
	130DA	HEALTH	SERVICE
	204DA	HEALTH	R/C FLAT TIRE
	127DA	PERMIT	EXHAUST
9/14/2006	127DA	PERMIT	SERVICE / TIRES
	39DA	POLICE	WIPERS
	12DA	POLICE	SERVICE / RADIO
	17DA	POLICE	CHECK DOOR LOCKS
	197DA	BLD MT	UNDERBODY PANEL
9/15/2006	127DA	PERMIT	BRAKES
	338DA	POLICE	LIGHTS
	106DA	ENG.	SERVICE
	262DA	POLICE	TRANNY
9/16/2006	4DA	POLICE	AIR BAG LITE / SERVICE
	8DA	POLICE	MIRROR / SERVICE

	262DA	POLICE	TRANNY
9/18/2006	17DA	POLICE	SERVICE BRAKES
	152DA	WATER	SERVICE BRAKES
	262DA	POLICE	TRANNY
9/19/2006	276DA	WATER	MOTOR MOUNTS SERVICE
	204DA	HEALTH	NOISE
	17DA	POLICE	INTERIOR LIGHTS
9/20/2006	140DA	WATER	HEATER CORE
		DET	STROBES NOISE
	262DA	POLICE	TRANNY
	276DA	WATER	MOTOR MOUNTS SERVICE
9/21/2006	238DA	BLD 4	RUNS POOR
	262DA	POLICE	TRANNY
	140DA	WATER	HEATER CORE
	126DA	WATER	ENGINE LIGHT SERVICE
	17DA	POLICE	ENGINE LIGHT
9/22/2006	276DA	WATER	A/FRAMES
	19DA	POLICE	FRONT END
	353DA	POLICE	FUEL PUMP
9/25/2006	4DA	POLICE	TIRE
	177DA	POOL	BRAKES
	278DA	HEALTH	TIRES
	7DA	POLICE	SERVICE
	9DA	POLICE	SERVICE
9/26/2006	113DA	POLICE	SERVICE TIRES
	337DA	POLICE	SERVICE BATTERY
	278DA	HEALTH	TIRES
	3CH546	SENIOR	A/C LEAK
9/27/2006	3CH546	SENIOR	LIFT GATE
	338DA	POLICE	ELECTICAL
	186DA	POLICE	ENGINE LIGHT LIGHTS ECT.
	95DA	WATER	EXHAUST
		DET	SERVICE
9/28/2006	3CH546	SENIOR	LIFT GATE
		DET	SERVICE
	257DA	POLICE	SERVICE BRAKES
9/29/2006		DET	SERVICE
	255DA	POLICE	SERVICE TIRES
	159DA	WATER	SERVICE