

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.

November 28, 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 November 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 October. The Public Works Department was focused on pulling all available resources together to renovate and clean up Beaver Street Park. Several divisions worked as a team to perform this work while continuing to perform their regularly scheduled work assignments. The field work at Rogers Park was also completed with grass being planted in the last week of October.

All divisions responsible for leaf pickup prepared their equipment for this activity, which commenced at the end of October.

The Public Works Department had a meeting with representatives from City Center Danbury to discuss the holiday lighting. This year there will be a complete change from all the other years and a considerable amount of planning is required to execute this project.

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

Engineering Report submitted by the Farid Khouri, City Engineer:

Assessment projects: The Nancy Drive/Carolyn Avenue area sanitary sewer assessment project continues to move forward. We are completing punch list items on Hawthorne Terrace water assessment and Shore Road reconstruction project (contract I). We are exploring sites to drill a well for phase II of the Hawthorne Terrace project. Three site locations have been submitted to the State Department of Health for evaluation. Old Farm Road Sewer project has been awarded to Julian Railroad Company and contract signing is underway. Work should start this winter (pending weather). Schematic design for Cannondale Drive road assessment project has been completed. Currently, we are working on easements for this road improvement project. Kenosia Avenue sanitary sewer final plans are complete and the project will be bid this winter.

Regarding Engine 26, footing and foundation walls have been poured and some utility work is completed. Excavation for the storm drainage pond is also completed.

With respect to the Library Place Parking Garage, half of the footing and foundation walls are completed. We are closely coordinating utility relocation and easements with adjacent businesses and property owners around the garage site.

As far as the Kaplanis Memorial Field project, construction is progressing rapidly with H.I. Stone & Son contractor on site. All ledge work has been successfully completed and the access road has been boxed out. Contractor is laying the field sub-base.

The Rogers Park Middle School renovations are underway, with the majority of the work to be done by the end of this year. The media center has been completed and opened to students. The Roberts Avenue Replacement School Phase I site clearing and demolition has been completed, and we received approval from the State Facility Unit on Phase II to bid the project and are preparing the contract documents.

Police Department Headquarters preliminary design is complete. The Architect, with input from the Police Department and the design team, is preparing 100% final plans to the site and the building. Buildings demolition on north Main Street and Franklin Street has been awarded to True Blue Environmental. Contract signing is underway, with expected start of the construction in the winter.

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 (203) 797-4641.

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

The Highway Departments in the month of October paved Driftway Point Rd., Fir Dr., Varian Dr., Grammar School Dr., Terra Glen, Boyce Rd. (partial), Aiken Ave, Knapp's Lane, Wooster Cemetery (partial), Breeze Hill Rd. (partial) and Martino Lane. There was also curbing and handwork done at these locations, accounting for 4,500 ton of asphalt. We installed street signs at 10 new locations and repairs were completed at several other locations. The Highway Dept. installed new drainage at four locations, Ace School, Adeline Dr., Purchase St. and Valley Stream Rd. We also performed drainage repairs at 10 other locations throughout the City. Our Permit Dept. issued 18 new permits to contractors for the month of October. The fall leaf program started this month with one week in Section A and the following week in Section B. Our in-house paving crew has been doing pothole repairs and repairing damaged curbs and aprons. We continue to sweep the city streets that are covered with leaves.

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 building throughout the city including all of the schools. In addition to that we were trimming shrubs, maintaining flowerbeds at various locations. We maintain all of athletic fields weekly (painting lines) for the fall sports. The department also started it's leaf pick and fall cleanup of our parks and fields.

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:

The Tree Department removed the following trees: three large sugar maples on Prospect St. and Golden Hill Lane, three dead ash trees one at 4 Driftway Rd. and two on Briar Ridge Rd. and a leaning maple was removed at 9 Morgan Rd. A maple on Golden Hill Lane was topped by Lewis Tree to improve the sight line. The butts on Prospect St. must be removed.

Ten stumps were ground during October at Beaver St., Main at South St. School parking lot, 20 Ninth Ave. and Westwood Dr.

The Highland Ave. Park Sprayscape and Beaver St. Park fences were trimmed. Fox Den Rd. was also trimmed for snowplowing.

During the month of October an oak and two maples were planted at Williams St. Park and two Arborvitaes and a spruce tree on Edgewood St.

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:

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of October. In the month of October we received 267 new work requests and completed 120 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 228 man-hours dedicated to this service. The next largest area of concentration was in plumbing repairs, utilizing 218 man-hours of labor. Mechanical repairs were the third highest category with 212 man-hours.

Should you have any questions regarding this report, please do not hesitate to contact me at 797-4584.

See appendix "A" for attachments

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

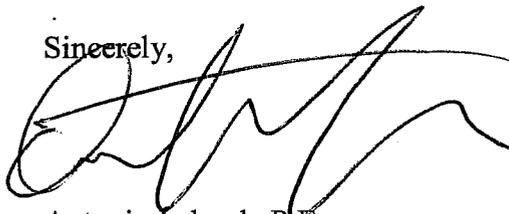
The Public Utilities Department continues to service fire hydrants throughout the city. As of this month there are 92 hydrants out of service. Hydrant repairs are in progress.

Attached you will find reports from the Water Department and Equipment Maintenance Department.

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

See appendix "B" for attachments

Sincerely,

A handwritten signature in black ink, appearing to read 'Antonio Iadarola', written over a horizontal line.

Antonio Iadarola, P.E.

Director of Public Works

AI/dgs

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

Public Bldgs #5 Monthly Report for October 2006

1

	Labor Hours	Total Hours This Month	Total Hours Last Month	Difference	Percent Change
Administration		165.00	127.50	0.00	0.00
City Bldgs	82.50				
Schools	82.50				
Carpentry		1.50	0.00	1.50	100.00
City Bldgs	0.00				
Schools	1.50				
Electrical		228.00	177.50	50.50	22.15
City Bldgs	0.00				
Schools	228.00				
Alarms		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
HVAC		40.50	80.00	-39.50	-97.53
City Bldgs	9.50				
Schools	31.00				
Locksmith		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Maintenance		0.00	2.00	-2.00	0.00
City Bldgs	0.00				
Schools	0.00				
Mechanical		212.00	235.50	-23.50	-11.08
City Bldgs	137.00				
Schools	75.00				
Plowing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		218.00	153.50	64.50	29.59
City Bldgs	0.00				
Schools	218.00				
Roofing		0.00	4.00	-4.00	0.00
City Bldgs	0.00				
Schools	0.00				

Total Hours 868.00

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

CITY OF DANBURY
PUBLIC UTILITIES

NOV 20 2006

Discard Date _____
 Permanent _____
 File Code _____

TO : Common Council - City of Danbury
 FROM : David Day, Superintendent of Public Utilities
 DATE : November 20, 2006
 RE : WATER DEPARTMENT REPORT : OCTOBER 2006

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>95.3</u>	<u>MG.</u>
B) West Lake Water Treatment Facility :	<u>120.3</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>5.7</u>	<u>inches</u>
B) Past Year (12 mos.) :	<u>61.0</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>52.1</u>	<u>inches</u>

III. WATER STORAGE :

A) Margerie Reservoir :	<u>89.4</u>	<u>%</u>
B) West Lake Reservoir :	<u>83.3</u>	<u>%</u>
C) East Lake Reservoir :	<u>79.6</u>	<u>%</u>
D) Total :	<u>85.2</u>	<u>%</u>

date: 10/2/2006

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>4.65</u>	<u>MG.</u>
C) Shelter Rock Pump Station :	<u>2.35</u>	<u>MG.</u>
D) WestConn Pump Station :	<u>2.30</u>	<u>MG.</u>
E) Margerie Pump Station :	<u>1.33</u>	<u>MG.</u>
F) Pleasant Acres:	<u>3.12</u>	<u>MG.</u>
G) Nabby Road:	<u>1.18</u>	<u>MG.</u>
H) Harvest Hill:	<u>2.69</u>	<u>MG.</u>
I) West Lake High Service :	<u>56.0</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) NONE
- B) _____
- C) _____

VII. SURVEY OF WATER SOURCES :

- A) Daily testing of treated and untreated water by Water Quality Laboratory
- B) _____
- _____

VIII. SUPERINTENDENTS NOTES :



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M E M O R A N D U M

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

Complaints: 13

Number Received: 13

Number Completed: 13

Pipe Cleaned: 1600 LF

Gallons of Water Used: 18,000

Pipe Inspected:

COMMENTS:



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

From: Anthony J. Bozza, Project Manager

Anthony J. Bozza 11/21/06

Subject: WPCP Report For Month of: October, 2006

Date: 11/21/06

I. Wastewater Treatment:

A) Sewage Processed:	9.0 MGD (Daily Avg)	279.7 Million Gallons Total
B) Septic Waste Processed:		1,273,525 Gallons Total
C) Sludge Pumped To Digesters:		274,979 Pounds Total

II. Wastewater Quality

	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	260	7	97	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	385	7	98.2	30 mg/l and 85%
C) Total Phosphorus (mg/l):	7.2	2.5	65	1.0 mg/l
D) Ammonia (mg/l):	24.0	0.30	99	4.0 mg/l
E) Total Nitrogen (lbs/Day):	2,592	1,706	34	651 lbs/day

Note: Phosphorus limits apply May - September.

Nitrogen limit for credit trading only.

III. Pump Station Operation:

A) Beaver Brook:	575.5 Hours Run
B) Southfield:	20.8 Hours Run
C) Mill Plain:	606.0 Hours Run
D) Backus:	105.3 Hours Run
E) Tarrywile	41.0 Hours Run
F) Turner Road:	26.9 Hours Run
G) Ford Avenue:	19.2 Hours Run
H) Indian Glen:	72.3 Hours Run
I) Delay Street:	26.6 Hours Run
J) Hayestown Road:	33.1 Hours Run
K) Kenosia Avenue:	3.4 Hours Run
L) Larson Drive:	40.6 Hours Run
M) Landfill:	105.4 Hours Run

Total Station Alarms: 17

MAINTENANCE REPORT BUILDING #6

10/2/2006	14DA	POLICE	SERVICE
	222DA	POLICE	SERVICE
	160DA	ENG	SERVICE BRAKES
	128DA	WATER	SERVICE BRAKES EXHAUST
10/3/2006		DET	SERVICE
	186DA	POLICE	HARD STARTING
	164DA	HWY	SERVICE TIRE
	128DA	WATER	BALL JOINT BRAKES
10/4/2006	164DA	HWY	STROB LIGHT
	227DA	WATER	SERVICE
	8DA	POLICE	SERVICE
	186DA	POLICE	RUNS POOR
10/5/2006	288DA	P BLD	SERVICE BRAKES
	337DA	POLICE	SERVICE LIGHTS
	8DA	POLICE	SERVICE TRANNY
10/6/2006	288DA	P BLD	SERVICE BRAKES
	223DA		SERVICE ABS LIGHT
10/10/2006	192DA	AIRPORT	ENGINE LIGHT SERVICE
	157DA	POLICE	ALTERNATOR SERVICE
	287DA	POLICE	SEAT SWITCH SERVICE
10/11/2006	157DA	POLICE	ALTERNATOR SERVICE
	287DA	POLICE	SEAT SWITCH SERVICE
	192DA	AIRPORT	ENGINE LIGHT SERVICE
10/12/2006	16DA	ENG	SERVICE
	192DA	AIRPORT	TRANNY
	337DA	POLICE	LIGHTS
	223DA	POLICE	LIGHT BAR
10/13/2006	262DA	POLICE	BRAKES
	96DA	WATER	SERVICE
10/16/2006	13DA	POLICE	RUNS POOR
	334DA	POLICE	ABS LIGHT
	89DA	WATER	SERVICE
	110DA	ENG	SERVICE
10/17/2006	173DA	WATER	SERVICE
	13DA	POLICE	RUNS POOR
	334DA	POLICE	ABS LIGHT
10/18/2006	173DA	WATER	BRUSH HOG
	13DA	POLICE	BRAKES
	354DA	POLICE	WATER PUMP
	350DA	WATER	BRAKES SERVICE
10/19/2006	265DA	POLICE	FAN SERVICE
	350DA	WATER	BRAKES SERVICE
	354DA	POLICE	WATER PUMP
10/20/2006	350DA	WATER	BRAKES SERVICE
	265DA	POLICE	FAN SERVICE
		DET	SERVICE
10/23/2006	243DA	POLICE	WATER PUMP

	333DA	POLICE	SERVICE
	350DA	WATER	CENTER BEARING DOOR HAND
10/24/2006	132DA	WATER	TIRES SERVICE
		DET	RADIO SERVICE
	14DA	POLICE	SERVICE
	7DA	POLICE	SERVICE
10/25/2006	14DA	POLICE	SERVICE
	246DA	POLICE	NO START
	202DA	HEALTH	NO START R/C
	21DA	HWY	RUNS POOR SERVICE
10/27/2006	246DA	POLICE	FRONT END
	226DA	WATER	WATER PUMP
	273DA	HEALTH	FLAR R/C
10/30/2006	226DA	WATER	WATER PUMP
	240DA	POLICE	SERVICE
	19DA	POLICE	SERVICE
10/31/2006	107DA	WATER	INTAKE GASKET
	19DA	POLICE	SERVICE LIGHT BAR
	240DA	POLICE	SERVICE BRAKES