

**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.**

June 26, 2007

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 May 2007

Dear Mayor Boughton and Members of the Common Council:

I am pleased to present to you the Public Works Department report for the month of May.

The City of Danbury was hit with another spring storm that was packed with high winds and heavy rain. The storm was in the afternoon during rush hour on May 16<sup>th</sup>. Although it only lasted 45 minutes, it caused incredible damage to public and private property. Every division of Public Works was mobilized to deal with the damage. We worked very closely with the Police Department to quickly evaluate the damage and create a list of road closures. There were many downed power lines, which impacted our ability to clear the fallen trees and open the roads.

The storm had an extensive impact on our regular maintenance schedules, especially to the Parks Maintenance and Forestry Divisions. Clean up efforts continued for over a week after the event. Spring is the busiest time of the year for these two divisions. Thanks to the management of our Superintendent of Highways, his staff and division foremen, they were able to recover and meet all of the schedules for the opening of all City parks. All of the spring plantings were completed and the City was ready for two special events and one great parade. We are slowly catching up on our mowing, which was the activity impacted the most by the storm. With our seasonal help on board, we should get back on schedule rather quickly.

We are very proud to open our second Playscape Park at Highland Avenue. The Highway Department stepped up to the plate again and installed a gravel parking lot and re-graded the entire area for the grand opening. The Building Maintenance Division completely re-plumbed all of the bathrooms and renovated them for the grand opening. This was a major undertaking due to the fact that concrete floors had to be removed along with block walls. Our Superintendent of Building Maintenance, his foreman and their maintenance staff spent many nights, after performing their normal work day duties, repairing this facility to have it ready for opening day. Public Utilities was also involved in the project and I want to thank them for their efforts. Tom Hughes from our Engineering Department has become our resident expert when it comes to spray parks. He coordinated all of the work and dealt with the sprayscape vendor.

This project is a perfect example of the team effort that the Public Works Department puts forward on every project that they are involved in.

At the end of the month, our Engineering Department completed the field stakeout for our new sand/salt shed. This project was designed in-house and yielded an incredible bid price. The design built process, which was used to solicit vendors for competitive pricing, worked very well for this project. A Public Works Department team approach will be utilized to complete the project and I will report next month on its progress.

I am impressed with the in-house talent that we have and the dedication of our Public Works employees and management team.

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 Farid L. Khouri, P.E., City Engineer:**

Assessment Projects: The Nancy Drive/Carolyn Avenue area sanitary sewer assessment project is 80% complete. Paving will be done in July/August of this year. The Old Farm Road sanitary sewer assessment project is finishing up; fencing and landscaping will be installed soon. Kenosia Avenue sanitary sewer assessment project construction is complete. Final plans for the Wood Street/East Pembroke Road sanitary sewer are complete and the assessment project is out to bid.

Regarding Engine 26, the project is complete and the contractor is finishing up the punch list.

With respect to the Library Place Parking Garage, 100% of the footing and foundation walls are done. Precast members have been delivered and erection is underway.

The Public Works Salt and Sand Shed project was awarded to Dome Corporation of North America. Construction has commenced, with completion expected by September 2007. The site and electrical work are being performed by the City's Public Works crews.

Regarding the Kaplanis Memorial Field project, the fence around the field has been installed, paving (binder surface) of the access road and walkway are complete, and landscaping is done. Bids were opened for the concession stand building and construction will begin soon. The bleachers and press box have been ordered.

All phases of Rogers Park Middle School have been completed, including site work, additions and the auditorium, which are all now in use. The Certificate of Occupancy has been secured.

The Roberts Avenue Replacement School Phase II bids were opened. We are currently reviewing the bids, which are much lower than estimated. Construction will start in July 2007.

Regarding the new Police Department Headquarters, the City received three bids from pre-qualified contractors and they are under review.

Traffic: In addition to the on-going reviews and approval process for land use development projects, the traffic engineer and his two technicians continue to work on the City's traffic signals to better enhance the vehicular movement on our major roads. Also, the traffic engineer has completed an in-house design to the Memorial Drive parking lot.

Temporary repairs to the Padanaram Road bridges are complete, and permanent repair plans are almost done. We are currently working on securing regulatory permits.

Should you have any questions regarding this report or its contents, or 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 unexpected windstorm that hit the City on May 16<sup>th</sup> caused severe tree damage resulting in blocked roadways and downed power lines in many areas of the City. The west side of the City was hit the hardest. The Highway, Forestry and Parks Maintenance Departments all teamed up to open roadways to facilitate the passage of emergency vehicles. We worked with the Police Department to set up detours where power lines were down, while waiting for CL&P to remove the wires in the tress and restore power.

The Highway Department partnered with the Parks Maintenance and Forestry Departments to put the finishing touches to Danbury Town Park in order for it to open for Memorial Day. The crews did an outstanding job getting Main St. and Rogers Park ready for the parade. Main St. looked beautiful and Rogers Park was magnificent.

We have started to do our construction for the roads that will be paved this season. Valley Stream Road, Grandview Drive, Terry Drive, Waterbury Lane, Willow Lane, and Pine Mountain Road will be targeted. Basin repairs were completed at four locations and we continue to patch potholes and repair curbs and driveway aprons that were damaged during the winter months from snowplowing. New signs were installed at eight locations and repairs were made at ten other sites. Twenty-nine (29) permits were issued during the month of May.

Our spring yard debris pick up program is in high gear and despite the two recent storms, our sweeping program, which removes winter sand and debris from the road gutters is ahead of schedule.

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

**Parks Maintenance report submitted by Duke Hart, Superintendent of Highway:**

The Parks Maintenance Department was in high gear in May getting Candlewood and Kenosia Parks and the Highland Avenue Sprayscape ready for the Memorial Day opening. The windstorm on the 16<sup>th</sup> caused a setback to our schedule with all the trees that had to be cleared, however with the team effort from the Parks Maintenance, Forestry and Highway Departments, we were able to stay on track for opening day at these locations.

The Park Maintenance Department was also very busy getting the City's Memorial Day parade route completed in time for the event. Flowers were planted all along Main Street and the Rose Garden in Rogers Park was completely renovated for all of our veterans and residents to enjoy.

We have been catching up with our mowing throughout the City, including our schools. Little by little we are getting back on schedule. We continue to police our playgrounds daily for safety and to control litter. All of the ballfields are ready for opening day and the Westerner's Field is all set for their opening day. We have also been cleaning the pavilion at Hatter's Park so it will be ready for the first scheduled event.

The work that the Parks Maintenance Department has to perform in the spring is incredible. They are constantly on the move and very visible to the public.

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 Forestry Department accomplished a great deal during the month of May. We were very busy preparing the parks for the new season. To prepare for the opening of the sparyscape at Highland Avenue Park we removed the old fence, spread topsoil and pruned trees. At the Osborne Street Field we did some mulching for the African American Civil War Monument Ceremony. Trees were pruned and the hydro seeding was watered at the Town Park and new trees were planted at Lake Kenosia.

We spent three days removing some large trees on Grandview Drive for a large drainage project and removed a dead sugar maple across from City Hall. Three Norway maples were pruned on West St. and we removed dead wood from three large oaks that was hanging over the road and driveways on Ohehyahtah Place. We cut and pruned all the trees that were in danger of falling down the bank and into the parking lot below the homeless shelter. We still have to go back and cut the fence and the area around the building itself.

On the 16<sup>th</sup> we had a short but strong windstorm. The City sustained a substantial amount of tree damage and power outages. Once again, the log truck was a tremendous asset saving us many labor hours and most importantly, helped to ensure the safety of the residents of the City. I would like to thank the Highway, Parks Maintenance, Public Utility, Fire and Police Departments for their assistance during and after this event to open the roads.

The remaining part of the month was spent preparing for Memorial Day. We installed 16 new flags on the pole in the downtown area and replanted at the reviewing stand in Rogers Park. We also mulched and spruced up the Rose Arbor, mulched and replanted at the monuments. The crew did an outstanding job at Rogers Park and on Main St. for the parade. The entire parade route looked beautiful and the rose garden was exceptional.

Please see Appendix C for an attachment.

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 the past few months, in addition to maintenance and repairs to our Pubic buildings, the staff completed the following projects: office renovations to the personnel office at City Hall; renovations of public lavatories and installation of new electrical and lighting, Highland Ave. Park; new electrical and lighting, entrance signage repair, Ives Concert Park.

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings Mechanics engaged in during the month of May. In the month of May we received 135 new work requests and completed 131 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 379 man-hours dedicated to this service. The next largest area of concentration was in plumbing repairs, utilizing 185 man-hours of labor. Electrical repairs were the third highest category with 182 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.

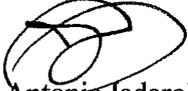
**Public Utilities report submitted by David Day, P.E., Superintendent of Public Utilities:**

Enclosed is the monthly report to the Common Council for activities that took place in May 2007. Also attached is the Public Utilities Vehicle Maintenance report. As of this month there are 76 hydrants out of service. Repairs to hydrants are continuing. I will be happy to review the information with you.

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.

Director of Public Works

AI/dgs

Cc: Farid Khouri, P.E. – Engineering

Rick Palanzo – Public Buildings

David Day, P.E. – Public Utilities

Duke Hart- Highway

Mark Miller – Forestry Dept.

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

## Danbury Monthly Report May 2007

	Labor Hours	Total Hours This Month	tal Hours Last Month	Difference	Percent Change
Carpentry		2.50	0.00	2.50	100.00
City Bldgs	0.00				
Schools	2.50				
Electrical		182.00	84.50	97.50	53.57
City Bldgs	0.00				
Schools	182.00				
HVAC		6.50	0.00	6.50	100.00
City Bldgs	0.00				
Schools	6.50				
Maintenance		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Mechanical		379.00	427.50	-48.50	-12.80
City Bldgs	0.00				
Schools	379.00				
Plowing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		185.00	150.00	35.00	18.92
City Bldgs	0.00				
Schools	185.00				
Roofing		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
	755.00				

Totalo

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

EQUIPMENT MAINTENANCE  
BUILDING #4  
MAY 2007

<u>DATE</u>	<u>VEHICLE</u>	<u>REPAIR DONE</u>	<u>DEPT.</u>
5/1/2007	248DA	SERVICE/BRAKES/WINDOW REGULATOR	BLDG INSP
	97-E-100	MAIN BROOM	HIGHWAY
	210DA	FABRICATE BUMPER/SERVICE	PUBLIC BLDG
	99-S-38	NO START-REPLACE BATTERIES	HIGHWAY
	97-JD-82	AIR-UP TIRES	HIGHWAY
	00-I-21	ABS LIGHT ON	HIGHWAY
	99-JD-57	ROAD SERVICE-REPLACE HYDRAULIC LINE	HIGHWAY
	97-E-100	ROAD SERVICE-MAIN BROOM INOP.	HIGHWAY
	01-E-83	ROAD SERVICE-CONVEYOR INOP.	HIGHWAY
	05-I-34	FLAT TIRE REPAIR	HIGHWAY
	65DA	ROAD SERVICE-CLUTCH INOP.	FORESTRY
	112DA	STOPLIGHT OUT	PUBLIC BLDG
5/2/2007	00-I-21	ABS LIGHT ON	HIGHWAY
	97-I-23	REAR BRAKES	HIGHWAY
	104DA	REMOVE REAR END FOR REPAIR	HIGHWAY
	01-E-83	ROAD SERVICE-CHECK TRANSMISSION	HIGHWAY
	01-F-50	4-WAY LIGHTS INOP.	HIGHWAY
5/3/2007	104DA	REMOVE REAR END FOR REPAIR	HIGHWAY
	97-I-23	REAR BRAKES	HIGHWAY
	00-I-21	ABS LIGHT ON	HIGHWAY
	181DA	CHECK MANIFOLD/ABS LIGHTS	HIGHWAY
	136DA	SERVICE/EXHAUST/TIRES/BRAKES	BLDG INSP
	90-I-12	ADJUST BRAKES	HIGHWAY
	06-E-40	SIDE BROOMS	HIGHWAY
5/4/2007	104DA	REMOVE REAR END FOR REPAIR	HIGHWAY
	00-I-21	ABS LIGHT ON	HIGHWAY
	01-E-83	SIDE BROOMS	HIGHWAY
	04-JD-67	AIR-UP TIRES	HIGHWAY
5/5/2007	90-I-28	ROAD SERVICE-REPAIR WATER PIPE FITTING	HIGHWAY
	97-E-100	ROAD SERVICE-CLEAN WATER SYSTEM	HIGHWAY
5/7/2007	136DA	SERVICE/EXHAUST/TIRES/BRAKES	BLDG INSP
	104DA	REMOVE REAR END FOR REPAIR	HIGHWAY
	00-I-21	ABS LIGHT ON	HIGHWAY
	30DA	ROAD SERVICE-JUMP START	FORESTRY
	04-E-22	SIDE BROOMS/MIRROR	HIGHWAY
	00-I-87	SERVICE/OIL LEAK/WHEEL LEAK	HIGHWAY
	97-E-100	SIDE BROOM	HIGHWAY
	94-I-15	MOUNT SPRAY RIG	HIGHWAY
5/8/2007	136DA	SERVICE/EXHAUST/TIRES/BRAKES	BLDG INSP
	99-F-105	REPLACE SIDE DUMP COMPONENTS	HIGHWAY
	94-I-15	MOUNT SPRAY RIG	HIGHWAY
	00-I-87	SERVICE/OIL LEAK/WHEEL LEAK	HIGHWAY
	134DA	REPAIR MIRROR	HIGHWAY
	97-I-27	ADJUST BRAKES	HIGHWAY
5/9/2007	136DA	SERVICE/EXHAUST/TIRES/BRAKES	BLDG INSP
	99-F-105	REPLACE SIDE DUMP COMPONENTS	HIGHWAY
	00-I-87	SERVICE/OIL LEAK/WHEEL LEAK	HIGHWAY
	06-E-40	SIDE BROOMS/HEADLIGHT	HIGHWAY
	01-E-83	MAIN/SIDE BROOMS/REVERSE CARBIDE RUNNERS	HIGHWAY
	174DA	ROAD SERVICE-FLAT TIRE	BLDG INSP

## EQUIPMENT MAINTENANCE

BUILDING #4

MAY 2007

	06-E-40	ROAD SERVICE-MAIN BROOM CHAIN	HIGHWAY
	00-I-21	ABS LIGHT ON	HIGHWAY
	05-I-1	TAILGATE BAR/CHECK BRAKES	HIGHWAY
	06-E-40	MAIN BROOM	HIGHWAY
5/10/2007	06-E-40	MAIN BROOM	HIGHWAY
	136DA	SERVICE/EXHAUST/TIRES/BRAKES	BLDG INSP
	355DA	BRAKE CHATTER	PARKS
	00-I-87	SERVICE/OIL LEAK/WHEEL LEAK	HIGHWAY
	85-F-43	ROAD SERVICE-PERFORMANCE	HIGHWAY
	96-I-20	AIR LEAK/SLACK ADJUSTER	HIGHWAY
	94-I-91	ROAD SERVICE-THROTTLE	HIGHWAY
	86-IR-214	REPAIR LIGHTS	HIGHWAY
	06-JD-59	REPLACE CAB FILTERS	HIGHWAY
5/11/2007	96-I-20	AIR LEAK/SLACK ADJUSTER	HIGHWAY
	355DA	FRONT BRAKES/HOSES	PARKS
	04-E-22	MAIN BROOM/TURN RUNNERS	HIGHWAY
	05-I-32	SERVICE TENCO BODY	HIGHWAY
	07-P-25	SERVICE TENCO BODY	HIGHWAY
	92-F-74	ROAD SERVICE-JUMP START	HIGHWAY
	03-S-30	SERVICE TENCO BODY	HIGHWAY
	01-E-83	GREASE FITTINGS	HIGHWAY
	121DA	SERVICE/FRONT BRAKES	U.N.I.T.
	05-I-26	ROAD SERVICE-ELECTRICAL PROBLEM	HIGHWAY
	06-E-40	REPLACE AIR FILTER/CLEAN DRAIN HOSE	HIGHWAY
5/12/2007	06-E-40	ROAD SERVICE-REPLACE DRAGBOARD	HIGHWAY
5/14/2007	121DA	SERVICE/FRONT BRAKE/CK. ENGINE LIGHT ON	U.N.I.T.
	90-I-5	REPLACE FRONT BRAKE AIR CHAMBER	HIGHWAY
	06-E-40	ROAD SERVICE-WATER SYSTEM	HIGHWAY
	104DA	INSTALL REAR END DIFF.	HIGHWAY
	00-I-19	ROAD SERVICE-LOW AIR BRAKE PRESSURE	HIGHWAY
	97-E-100	MAIN BROOM	HIGHWAY
	05-I-31	DUMP BODY CYLINDER HOSE	HIGHWAY
	01-E-83	SIDE BROOMS	HIGHWAY
5/15/2007	00-I-19	REPLACE AIR DRYER	HIGHWAY
	05-I-31	DUMP BODY CYLINDER HOSE	HIGHWAY
	181DA	ADJUST BRAKES	HIGHWAY
	116DA	FLAILHEAD CUTTERBAR INOP.	HIGHWAY
	SHOP	STRAIGHTEN LIFT SLIDE PLATE	EQUIP MAINT
	104DA	INSTALL REAR END DIFF.	HIGHWAY
	04-E-22	REPLACE RIGHTSIDE MIRRORHEAD	HIGHWAY
	85-F-43	PERFORMANCE PROBLEM	HIGHWAY
	06-E-40	SIDE BROOMS	HIGHWAY
5/16/2007	104DA	INSTALL REAR END DIFF.	HIGHWAY
	85-F-43	PERFORMANCE PROBLEM	HIGHWAY
	05-I-26	ELECTRICAL	HIGHWAY
	05-D-98	SERVICE/STROBE LIGHT/FRONT VALANCE	HIGHWAY
	92-F-74	ROAD SERVICE-GET STARTED	HIGHWAY
	355DA	FRONT CALIPERS	PARKS
	94-I-91	REPAIR RODDER HOSE	HIGHWAY
	65DA	REAR LIGHTING PROBLEM	FORESTRY
	181DA	REPLACE FRONT TIRE	HIGHWAY

EQUIPMENT MAINTENANCE  
BUILDING #4  
MAY 2007

	116DA	REPLACE CUTTERBLADES	HIGHWAY
5/17/2007	104DA	INSTALL REAR END DIFF.	HIGHWAY
	89-F-109	SEASONAL SERVICE-P/S LEAK	PARKS
	01-E-83	ROAD SERVICE-FAN HITTING SHROUD	HIGHWAY
	97-JD-82	DIAGNOSE EXCESSIVE PLAY IN DIPPER	HIGHWAY
5/18/2007	104DA	INSTALL REAR END DIFF.	HIGHWAY
	85-F-43	PERFORMANCE PROBLEM	HIGHWAY
	97-JD-82	CHECK BRAKES/REPAIR BOOM CONTROLS	HIGHWAY
	00-I-16	ROAD SERVICE-JUMP START	HIGHWAY
	01-E-83	REPLACE FAN HUB ASSEMBLY	HIGHWAY
	94-I-6	SERVICE	HIGHWAY
5/19/2007	94-I-6	SERVICE	HIGHWAY
	01-E-83	REPLACE FAN HUB ASSEMBLY	HIGHWAY
	104DA	INSTALL REAR END DIFF.	HIGHWAY
5/21/2007	89-F-109	SEASONAL SERVICE-P/S LEAK	PARKS
	94-I-6	SERVICE	HIGHWAY
	97-I-23	FRONT BRAKES/KING PINS	HIGHWAY
	99-JD-57	REPLACE BLADE TILT FITTING AND HOSE	HIGHWAY
	97-I-29	SERVICE-OI PAN	HIGHWAY
	HAND ROLLER	REPLACE BEARINGS	HIGHWAY
5/22/2007	97-I-23	FRONT BRAKES/KING PINS	HIGHWAY
	97-I-29	SERVICE-OI PAN	HIGHWAY
	HAND ROLLER	REPLACE BEARINGS	HIGHWAY
	97-I-27	SERVICE-BRAKE PULL	HIGHWAY
	248DA	REPLACE 4 TIRES	BLDG INSP
	180DA	PTO SHAFT BROKEN	HIGHWAY
5/23/2007	97-I-23	FRONT BRAKES/KING PINS	HIGHWAY
	97-I-27	SERVICE/BRAKE PULL	HIGHWAY
	97-I-29	SERVICE/OIL PAN	HIGHWAY
	06-E-40	SDIE BROOMS	HIGHWAY
	89-F-109	SEASONAL SERVICE-P/S LEAK	PARKS
	99-F-105	TURN SIGNAL OUT	HIGHWAY
	92-F-74	ROAD SERVICE-GET STARTED	HIGHWAY
	180DA	INSTALL PTO SHAFT ASSEMBLY	HIGHWAY
5/24/2007	97-I-23	FRONT BRAKES/KING PINS	HIGHWAY
	97-I-29	SERVICE/OIL PAN	HIGHWAY
	97-I-27	SERVICE/HYDRAULIC OIL TANK LEAK	HIGHWAY
	94-I-15	SIGNAL LIGHTS INOP.	HIGHWAY
	99-JD-57	SERVICE	HIGHWAY
	05-I-34	SERVICE	HIGHWAY
	172DA	INSTALL DUMPBODY CYLINDER	PARKS
	SPARE SANDER	INSTALL NEW CHUTE	HIGHWAY
5/25/2007	05-I-34	SERVICE	HIGHWAY
	172DA	INSTALL DUMPBODY CYLINDER	PARKS
	SPARE SANDER	INSTALL NEW CHUTE	HIGHWAY
	06-E-40	ROAD SERVICE-WATER SYSTEM	HIGHWAY
	104DA	RE-INSTALL PTO DRIVESHAFT AND ROSE	HIGHWAY
	HAND TAMPER	REPLACE FUEL LINE	HIGHWAY
	01-F-50	SERVICE	HIGHWAY
5/26/2007	SPARE SANDER	INSTALL NEW CHUTE	HIGHWAY
	97-I-27	SERVICE/BRAKE PULL	HIGHWAY

EQUIPMENT MAINTENANCE  
BUILDING #4  
MAY 2007

5/29/2007	SPARE SANDER	INSTALL NEW CHUTE	HIGHWAY
	01-F-50	SERVICE/WHEEL BEARING	HIGHWAY
	92-F-74	ROAD SERVICE-JUMP START	HIGHWAY
	268DA	TEMP GAUGE/NO HEAT	FORESTRY
	89-F-109	MOWER BELTS	PARKS
	97-I-23	SERVICE TENCO BODY	HIGHWAY
	00-I-3	TRANSMISSION FILTER	HIGHWAY
	03-S-30	SERVICE TENCO BODY	HIGHWAY
	97-JD-82	ROAD SERVICE-WATER PRESSURE	HIGHWAY
	06-E-40	SIDE/MAIN BROOMS	HIGHWAY
5/30/2007	06-E-40	SIDE/MAIN BROOMS	HIGHWAY
	01-F-50	WHEEL BEARING	HIGHWAY
	00-I-3	TRANSMISSION FILTER	HIGHWAY
	94-I-4	SERVICE	HIGHWAY
	96-I-20	SERVICE TENCO BODY	HIGHWAY
	96-I-33	SERVICE TENCO BODY	HIGHWAY
	90-I-47	SERVICE TENCO BODY	HIGHWAY
	181DA	HYDRAULIC LEAK	HIGHWAY
	TORO MOWER	ROAD CALL-NO START	PARKS
5/31/2007	TORO MOWER	ELECTRICAL	PARKS
	01-E-83	WATER LEAK-SIDE BROOMS	HIGHWAY
	05-I-34	BELLHOUSING	HIGHWAY
	94-I-4	SERVICE	HIGHWAY
	00-I-8	ROAD SERVICE-NO START	HIGHWAY



**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 : June 19, 2007  
RE : WATER DEPARTMENT REPORT : MAY 2007

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I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>101.8 MG.</u>
B) West Lake Water Treatment Facility :	<u>131.0 MG.</u>
C) Kenosia Well Field :	<u>0 MG.</u>
D) Osborne Street Well Field :	<u>0 MG.</u>
E) Other :	<u>0 MG.</u>

( MG. = Million Gallons )

II. RAINFALL :

A) Month :	<u>1.4 inches</u>
B) Past 12 Month Period :	<u>70.5 inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>20.5 inches</u>

III. WATER STORAGE :

A) Margerie Reservoir :	<u>100.0 %</u>
B) West Lake Reservoir :	<u>100.0 %</u>
C) East Lake Reservoir :	<u>100.0 %</u>
D) Total :	<u>100.0 %</u>

date: 5/1/2007

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>5.38</u>	<u>MG.</u>
C) Shelter Rock Pump Station :	<u>3.14</u>	<u>MG.</u>
D) WestConn Pump Station :	<u>1.73</u>	<u>MG.</u>
E) Margerie Pump Station :	<u>1.38</u>	<u>MG.</u>
F) Pleasant Acres:	<u>1.93</u>	<u>MG.</u>
G) Nabby Road:	<u>1.00</u>	<u>* MG.</u>
H) Harvest Hill:	<u>3.95</u>	<u>MG.</u>
I) West Lake High Service :	<u>59.5</u>	<u>MG.</u>
J) Total Water Pumped (A-I) :	<u>78.0</u>	<u>MG.</u>

( MG. = Million Gallons )  
(\* = estimated)

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	<u>82.3</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>
F) Total Water Transferred (A-E):	<u>82.3</u>	<u>MG.</u>

( MG. = Million Gallons )

VI. ALGAE CONTROL :

- A) Margerie Reservoir - 3000 pounds of Copper Sulfate
- B) \_\_\_\_\_
- C) \_\_\_\_\_

VII. SURVEY OF WATER SOURCES :

- A) Disinfection by-product testing (trihalomethanes/haloacetic acids) of distribution system.
- B) Annual inorganics and pesticides testing of West Lake and Margerie Reservoirs.

VIII. SUPERINTENDENTS NOTES :

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



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

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

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## MEMORANDUM

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**DATE:** June 18, 2007  
**TO:** City of Danbury, Common Council  
**FROM:** David M. Day, P.E., Superintendent – May 2007  
**RE:** Sanitary Sewer Collection System Maintenance

Complaints:                    9

Number Received:        9

Number Completed:      9

Pipe Cleaned:            800 LF

Gallons of Water Used:    10,000

Pipe Inspected:

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COMMENTS:

JUN 21 2007



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

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

**From:** Walter Royals, Project Manager *Walter Royals*

**Subject:** WPCP Report For Month of: May, 2007

**Date:** 06/12/07

**I. Wastewater Treatment:**

A) Sewage Processed:	9.3 MGD (Daily Avg)	288.9 Million Gallons Total
B) Septic Waste Processed:		1,338,125 Gallons Total
C) Sludge Pumped To Digesters:		636,988 Pounds Total

**II. Wastewater Quality**

	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	228	4	98	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	401	3	99.2	30 mg/l and 85%
C) Total Phosphorus (mg/l):	6.0	0.7	88	1.0 mg/l
D) Ammonia (mg/l):	20.0	0.13	99	1.9 mg/l
E) Total Nitrogen (lbs/Day):	1,594	1,811	-14	651 lbs/day

Note: Phosphorus limits apply May - September.

Nitrogen limit for credit trading only.

**III. Pump Station Operation:**

A) Beaver Brook:	665.1 Hours Run
B) Southfield:	25.1 Hours Run
C) Mill Plain:	759.6 Hours Run
D) Backus:	114.8 Hours Run
E) Tarrywile	95.8 Hours Run
F) Turner Road:	42.0 Hours Run
G) Ford Avenue:	24.3 Hours Run
H) Indian Glen:	103.2 Hours Run
I) Delay Street:	64.1 Hours Run
J) Hayestown Road:	36.5 Hours Run
K) Kenosia Avenue:	3.0 Hours Run
L) Larson Drive:	57.0 Hours Run
M) Landfill:	152.4 Hours Run

**Total Station Alarms: 15**

# MAINTENANCE REPORT

## May-2007

5/1/2007	337DA	POLICE	A/C
	DET	POLICE	SERVICE TIRES
	167DA	PARKS	BODY WORK
	157DA	POLICE	OVERHEATING
5/3/2007	163DA	WATER	AIR LEAK
	164DA	PARKS	SEALS
	10DA	POLICE	NOISE
	223DA	POLICE	TRANNY
5/4/2007	157DA	POLICE	RADIATOR
	223DA	POLICE	TRANNY
	276DA	WATER	ALTERNATOR
	167DA	PARKS	MIRRIORS
5/7/2007	101DA	WATER	NO START
	23DA	HWY	NO START
5/8/2007	223DA	POLICE	TRANNY
	341DA	HEALTH	A/C SERVICE TIRES
5/9/2007	107DA	WATER	NO START
	265DA	POLICE	WHEEL NOISE
5/10/2007	265DA	POLICE	WHEEL NOISE SERVICE
	8DA	POLICE	ENGINE LIGHT SERVICE
	107DA	WATER	BATTERY SERVICE
5/11/2007	8DA	POLICE	WATER PUNP
	224DA	AIDS	NOISE
	5DA	POLICE	LIGHTS
5/14/2007	157DA	POLICE	INTAKE GASKET
	334DA	POLICE	BRAKES SERVICE
	OLD 354D	POLICE	OIL LEAK
5/15/2007	157DA	POLICE	INTAKE GASKET
	OLD 354D	POLICE	OIL LEAK
	334DA	POLICE	BRAKES SERVICE
5/16/2007	150DA	ENG	ALTERNATOR
	191DA	ENG	NOISE SERVICE
	157DA	POLICE	INTAKE GASKET
	338DA	POLICE	SERVICE
17-May	15DA	POLICE	SERVICE BRAKES
	349DA	PARKS	TAILGATE
	5DA	POLICE	LIGHTS
	223DA	POLICE	FLAT
5/18/2007	287DA	POLICE	LIGHTS SERVICE
	349DA	PARKS	TAILGATE
		POLICE	TIRES
5/21/2007	DET	POLICE	SERVICE
	3CH546	SENIOR	A/C
	14DA	POLICE	SERVICE
5/22/2007	12DA	POLICE	FLAT
	14DA	POLICE	WINDOW SWITCH
	191DA	ENG	BRAKES

	327DA	BRAKE LINES
5/23/2007	327DA	W&M BRAKES SERVICE
	246DA	POLICE SERVICE
5/24/2007	DET	POLICE BRAKES SERVICE
	269DA	HEALTH BRAKES EXHAUST SERVICE
5/25/2007	354DA	POLICE SERVICE
	223DA	POLICE FLAT TIRE
	265DA	POLICE FLAT TIRE
5/29/2007	334DA	POLICE CHARGING SYS./ SERVICE
	13DA	POLICE SERVICE / CHECK BRAKES
	DET	POLICE BRAKES
5/30/2007	13DA	POLICE BRAKES
	DET	POLICE TIRES / ALIGNMENT
	115DA	POOL R/C NOISE
5/31/2007	12DA	POLICE SERVICE / BRAKES
	15DA	POLICE BATTERY SERVICE

6/1/2007	228DA	POLICE BATTERY
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**Appendix “C”**  
**Forestry Department**

**Wind Storm Damage May 16, 2007**

**Austin St.- CL&P**

**Wooster Heights- CL&P**

**Deer Hill Ave. and Wilson St.**

**Ohehyahtah- CL&P**

**Shelter Rock Lane- CL&P**

**Briar Ridge Rd. CL&P**

**Park Ave. CL&P**

**Long Ridge Rd. CL&P**

**Rolfs Dr. CL&P**

**West and Division Sts.**

**Fairfield Ave.**

**Harwood Dr.**

**Ole Musket La.**

**E. Liberty St.**

**Spruce Mountain Rd.**

**Spruce Mountain Trail**

**Hobson St.**

**Wooster Heights and Southern Blvd.**

**Byron St.**

**Crofut Place**

**Morton and High Sts.**

**Coalpit Hill Rd.**

**Starr's Plain Rd.**

**E. Starr's Plain Rd.**

**Balmforth Ave. CL&P**

**Durant St. CL&P**

**Pleasant St.**

**Ridge Rd. CL&P**

**Lexington Ave. CL&P**

**Old Lantern Rd.**

**W. Redding Rd.**