

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.

April 29, 2008

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

RE: Monthly Report for March 2008

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 March.

The March weather was predicted to present some challenges for the Hat City Public Works Department. With the prediction of heavy rain on March 7th, the entire Public Services Division was mobilized to check the catch basins and bridges, and to prepare for any emergency that could arise from that type of storm. Fortunately, the storm was not as severe as predicted and the crews were able to return to their scheduled assignments without any delays.

With the weather changing in our favor, the Highway Department initiated its spring clean-up program early. The crews have also been changing-out the equipment in order to start the sweeping program. The Highway Department construction crews also started to work on drainage projects and preparing roads for the paving program.

The Construction Services Division resumed the repair work, funded by FEMA, from last year's Nor'easter. The repair to Candlewood Park is scheduled to start in April and will be finished in May. The repair to one of the two pipes from the Padanaram Reservoir is moving ahead. This repair is extensive and it is dangerous work.

This month, several key managers attended meetings with the Board of Education in preparation for the reaccreditation of Danbury High School. The Public Works Department worked closely with the Board of Education staff to put our best foot forward for this very important event. In

April I will personally tackle solving the high school “weeping wall” problem, which is located by the gym. This water intrusion problem has been going on for over 30 years and has caused considerable damage to the floor in the gym.

In closing, I want to recognize the Public Utilities Division Transmission and Distribution crews for their strong effort in repairs and replacement of hydrants throughout the City. For the first time in a very long time, we are down to only 39 hydrants out of service. It is a challenge to maintain the City’s inventory of over 1,800 hydrants, but this crew has done a great job.

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

Construction Services report submitted by Tom Hughes, Superintendent of Construction Services:

Danbury High School ADA – Work on compliance issues continues. We are currently working with several vendors to reduce the \$38,000 quote to modify the visitors’ bleachers for ADA seating, and have contacted two additional vendors in an attempt to further reduce the cost; awaiting funding and will proceed once received.

Kaplanis Memorial Field – Several open items remain; the contractor will work on turf establishment in the spring.

Local Bridges – On the Rose Hill Avenue Bridge project, work on the new sewer installation and river crossing continues. We are working with the Engineering Division to finalize plans and easements for the Backus Avenue Bridge. The Padanaram Road over East Lake Brook and Padanaram Road over Margerie Brook Bridges repairs contract was awarded. Construction Services will administer these projects and the inspections, resulting in a savings of \$150,000 for the City. Construction on the bridge over East Lake Brook has begun. The traffic detour was advertised in the newspaper and on radio and will be in place for six months. Also in conjunction with Engineering, we continue to inspect several bridges and monitor the bridges listed to be replaced in the near future.

White Street Streetscape – The contractor has begun construction on the south side of White Street.

FEMA/Related Repairs – The King Street Diversion siltation removal has been completed. The material was tested and is clean topsoil. The topsoil was moved to the Public Works Complex, approximately 2,100 C.Y., with an estimated value of \$ 42,000. Another estimated 3,000 C.Y. has been removed from the diversion and is stockpiled as an embankment, which will be seeded with rye grass seed as requested by Dan Baroody of the Health Department. We have also mobilized to the Padanaram Reservoir Overflow/Stream Bed and realigned the stream bed to its state prior to the April 16, 2007 storm. Work on the remaining pipe repair and concrete retaining wall is scheduled to begin in April. The Candlewood Park project has been scheduled to begin mid-April and be completed during the first week in May.

Rogers Park – For Westerners’ Field, the soil sample sent to the State Agricultural Experiment Station for suggested treatments (type of fertilizer and amounts with recommended nitrogen release) has been received and the information has been forwarded to the Parks Maintenance Department. The contractor is scheduled to complete the project during the first week in April.

We have also set up a meeting with the parks maintainers at which the contractor will demonstrate the proper care and maintenance of the field.

Bardo Parking Garage – Administration of this project by the Construction Services Division continues, resulting in a savings of \$238,000 to the City. The asphalt stamping and planters will be installed in April, weather permitting. We have completed the surveying for the revised site plan and will be submitting it to the Building Department. The closeout phase is near completion, with a less than 3% change order rate of the total cost.

Kenosia Spray Park – The Engineering Division has completed the mapping and the preliminary map and plan been submitted for Planning & Zoning approval. We have met with the consultant, LGB, and forwarded information for the change of use permit required by the State Department of Health due to the proximity of the drinking water wells. Construction Services negotiated the spray park cost with the vendor down from the original \$198,000 to \$162,120, which is a savings of \$ 35,880 to the City of Danbury.

Kenosia Park/Rogers Park Soccer Fields – Construction Services has developed a quote for the Engineering Division as to the construction cost for the two new turf fields. We recommend that these fields be let out as a design/build project, which should result in a significant cost savings to the City. We have submitted the preliminary maps and plans for Planning & Zoning approvals. This work was done in-house by the Engineering Division in conjunction with Construction Services.

Danbury High School Courtyard & Front Façade – We assessed the drainage issue in the inner courtyard of DHS. We will develop a plan and complete the work using a City work force and our City equipment bid list in April. The high school front facade has been cleaned and the limestone panels repointed. The brick column in the courtyard has been rebuilt. The courtyard retaining wall and brick stairway have been repaired and a partial cut and repoint completed.

Rogers Park Middle School Based Health Center – The Health Department requested that our division construct the new Health Center. The project has been completed early and under budget. The April deadline for the funding is no longer in jeopardy. This project was completed with an approximate 12% savings of the architect's estimate. The Certificate of Occupancy has been issued and forwarded to Melanie Bonjour in the Health Department.

Should you have any questions regarding this report or any issues related to the Construction Services Division, please feel free to call me at 796-8069.

Engineering report submitted by Farid L. Khouri, P.E., City Engineer:

Assessment Projects: the Kevin Drive sanitary sewer project is a pilot program for our division that is progressing successfully. The mail survey was sent out and we are presently receiving responses. Short Street and Lombardi Street sanitary sewer extensions are under preliminary design, and mail surveys will be sent out soon. The design for the Tilden Road/Olive Street area sanitary sewer project is 95% complete, with the exception of the storm drainage. Final assessments for the Jackson Drive Area sanitary sewer project are underway. Preliminary redesign drawings for the Cornell Hills sanitary sewer and water project have been submitted for our review, and test boring will be scheduled next month. The City received a \$100,000 state grant to study the Aqua Vista Water System and ascertain the best route to supply water to the neighborhood and surrounding streets.

Excavation for footings on the Roberts Avenue Replacement School Phase II project is 100% complete. Concrete work is ongoing, along with soil remediation. Steel erection is 50% complete.

Regarding the new Police Department Headquarters project, concrete work is 100% complete. Steel erection has commenced and is over 60% complete.

The roof design for the Head Start project is complete and has been submitted for state review and approval. We anticipate beginning construction in June.

The Tarrywile Park Pavilion and Garage project designs are complete and awaiting permit approval.

The Cottage Street Area Sidewalk Improvements design was done in-house and the project is out to bid, with construction expected to start in June.

Regarding the Candlewood Lake Education and Resource Center, the City is currently in the process of hiring an engineer to design the layout of the new building which will be adjacent to the existing Fish and Game Department building on Hayestown Road.

We are reviewing a revised design proposal from the architect for the new addition to the Senior Center in order to work within the allocated budget.

Engineering is working on revisions to the site plan and permit required to build the Kenosia Park Artificial Field, part of the new bond. We received approval for the Pocket Park on Maple and Balmforth Avenues. As far as the Rogers Park Artificial Field, the plans are 95% complete and will be submitted for site plan approval by next month.

Plans for the sprinkler system in the "D" building at Danbury High School are complete and the project is out to bid. This work is anticipated to start and end during the school summer vacation of 2008. Investigation into installing sprinkler systems in buildings "A" and "B" has commenced. The City also hired an engineer to layout the schematic drawings for a new fire alarm system at the high school.

Our division, in conjunction with the Public Utilities Division and the Public Works Director, has kicked-off a series of meetings to initialize the revitalization of the GIS Program for all City departments.

The Traffic Engineer and two Engineering Technicians are involved in the collection and analysis of traffic operations data, monitoring of traffic conditions and making of necessary changes to enhance operations, along with review of land-use development. Their regular work also involves attending to breakdown and preventive maintenance repairs on equipment, including roadway traffic cameras. On a continuing basis, the Traffic Engineer receives and investigates all public complaints and requests relative to on-street parking, pedestrian safety, parking at schools, and general traffic issues. Our office also administers the Boehringer Ingelheim Access Improvement project, which will go to construction once all easements are secured.

Staff Engineers review various site plans, special exception applications and subdivision applications for land-use approval of ongoing development projects in the City. In addition, field inspection is performed regularly for these developments.

Our Survey Crew continues to monitor the local reservoir levels weekly and is working on various survey projects throughout the City, including Plumtrees Road, drainage easements and the Public Works Complex fuel tanks.

On-going drainage problems have been reported, and our staff reviews them in the order they are submitted for possible solutions.

Should you have any questions regarding this report or any other issues related to your Engineering Division, please do not hesitate to contact me at 797-4641.

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

The Forestry Department worked on the following projects during March: removal of tagged trees for bridge construction on Padanaram Road; pruned pines and removed low tree branches and limbs to improve the appearance and security at Hatters Park; cleaned up brush and dead trees with a log truck at the Old Quarry Nature Center; fixed the flagpole and fence, pruned the courtyard, removed a dead tree and planted lilacs at Danbury high School; removed brush, large stumps and trees at the Fire Department Training Grounds on Plumtrees Road.

Department personnel continued to deal with residual storm damage last month, pruning and/or removing dead trees on Barnum Road, Brushy Hill Road, Cannonball Drive, Great Plain Road, Harwood Drive, Heritage Drive, Joe's Hill Road, Morgan Road to Wellington Court, Spring Street, Spruce Mountain Road, and Varian Drive.

Trees were also pruned and/or removed at the following locations: an ash on Aunt Hack Road; a sugar maple on Bennett Place; a locust at 15 Bittersweet Drive; a silver maple at City Hall; a Norway maple on Deer Hill Avenue; a large leader at 16 Farview Drive; a sugar maple on Great Plain Road; a sugar maple on Locust Avenue; a butt on Middle River Road; a sugar maple on Miry Brook Road; a poplar on Olympic Drive; an elm on Southern Boulevard; and a Norway maple on White Street.

Please contact me at 797-4609 if you should have any questions. Thank you.

Highway report submitted by Duke Hart, Superintendent of Public Services:

I'm happy to report that the Highway Department did not have any snow storms to deal with during the month of March. This allowed us to begin our construction program. We performed four new drainage projects, consisting of the installation of drainage pipes, catch basins and sumps at High Rise Road, Ta'agan Point Road, Tabor Road, and Three Partners Road. Basin repairs were also made at three other locations.

New street signs were installed at four locations in March, a total of 10 signs and sign posts. There were also repairs made to signs and sign posts at six other locations.

Highway personnel have been able to get a jump start on some early spring cleaning. Next month we will start our regular spring clean up and sweeping program. Weather permitting, we have

also been picking up litter throughout the City. Improvements were seen this month with the waste container problem that continues downtown. Thank you to the UNIT for their ongoing assistance with this issue.

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 Public Services:

In March, the Parks Maintenance Department was busy gearing up for the coming spring season. With DHS baseball and softball starting at the end of the month, we prepared our fields. Litter policing has been ongoing at all schools, playgrounds and parks. Spring clean up of our City buildings was in motion by the mid-month. Department personnel have completed the winter maintenance program on all of our mowing and field equipment.

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

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

March was a productive month as the Public Buildings staff was engaged in several projects, in addition to maintenance and repair of the City facilities.

The contractor for the new fueling station at the Public Works Complex, TMC Corporation, is progressing with the installation of the new fueling station, which will be a welcome addition to the complex. Not only will the new system be environmentally friendly (above ground), but it will also have a full, lighted canopy, which will allow the drivers to fuel their vehicles in inclement weather without getting wet. We expect the work to be completed and the system to be ready to use by late April or early May.

The renovation to the building at #1 Memorial Drive is also progressing. The rough-in work has been completed and the insulation is scheduled to begin soon. We anticipate the sheetrocking to begin in April and the building renovation should be completed in early May. This building has taken on a fresh, more attractive look and we have utilized energy conscious construction methods to make the building comfortable while not wasting energy in the process.

The new emergency generator for City Hall has been delivered. Public Buildings is working with the State approved vendor for an installation commencement date and anticipate the work to begin in late April or early May. There is a need to meet with the electrical inspector to clarify the work to be done so that a building permit can be obtained. The contractor will need to shut down the power to the building several times to complete the new installation and emergency power distribution.

The HVAC upgrades in the Library building have progressed smoothly, with minimal disturbance to Library operations. The new lower corridor work will make the lower level brighter and more attractive to the visitors and staff while conserving electrical energy. The project should be completed in late April.

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings mechanics engaged in during the month of March. We received 295 new work requests and completed 217 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 division was heavily engaged in plumbing repairs of the City's buildings and schools, with a total of 267.50 man-hours dedicated to this service. The next area of concentration was in electrical work, utilizing 260.50 man-hours of labor. General maintenance repairs came in as the third highest category, with 192.50 man-hours.

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

See appendix "A" for attachments.

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

Enclosed is the monthly report to the Common Council for activities that took place in March 2008. Also attached is the Public Utilities Vehicle Maintenance report. As of April 23, 2008 there are 39 hydrants out of service. Repairs to hydrants are continuing.

Should you have any questions regarding this report, I will be happy to review the information with you. Please contact me at 797-4539.

See appendix "B" for attachments.

Sincerely,

Antonio Iadarola, P.E.
Director of Public Works

AI/ck

ec: Jean Natale, City Clerk
Melissa Adams, I.T./Data Processing Department
David Day, P.E., Public Utilities Division
Duke Hart, Public Services Division
Tom Hughes, Construction Services Division
Farid Khouri, P.E., Engineering Division
Eric Johnson, Equipment Maintenance
Mark Miller, Forestry Division
Richard Palanzo, Public Buildings Division

Public Buildings Division
Monthly Report for March 2008

	<u>Labor Hours</u>	<u>Total Hours This Month</u>	<u>Total Hours Last Month</u>	<u>Difference</u>	<u>Percent Change</u>
Carpentry		2.00	46.50	-44.50	-2225.00
City Bldgs	2.00				
Schools	0.00				
Electrical		260.50	98.50	162.00	62.19
City Bldgs	40.50				
Schools	220.00				
Alarms		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
HVAC		4.00	38.00	-34.00	-850.00
City Bldgs	0.00				
Schools	4.00				
Locksmith		4.50	0.00	4.50	100.00
City Bldgs	4.50				
Schools	0.00				
Maintenance		74.50	147.00	-72.50	-97.32
City Bldgs	38.00				
Schools	36.50				
Mechanical		192.50	23.50	169.00	87.79
City Bldgs	177.50				
Schools	15.00				
Plowing		0.00	148.00	-148.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		267.50	236.00	31.50	11.78
City Bldgs	13.50				
Schools	254.00				
Roofing		11.50	21.50	-10.00	-86.96
City Bldgs	4.00				
Schools	7.50				

New Work Requests received this month 295
Work Requests Completed this month 217

EQUIPMENT MAINTENANCE
BUILDING #4
MARCH 2008

Appendix "B"

<u>DATE</u>	<u>VEHICLE</u>	<u>REPAIR DONE</u>	<u>DEPT.</u>
3/1/2008	90-I-37	INSTALL PIN CLIPS	HIGHWAY
STORM	03-S-30	ELECTRICAL	HIGHWAY
	05-I-34	BRAKE CHAMBER/ELECTRICAL	HIGHWAY
	03-S-11	PLOW INOP.	HIGHWAY
	05-I-32	HYDRAULIC LEAK	HIGHWAY
	187DA	PLOW HYDRAULIC LEAK	PARKS
3/3/2008	96-I-33	ROAD SERVICE-JUMP START	HIGHWAY
	05-I-34	REPLACE BRAKE CHAMBER/BATTERIES	HIGHWAY
	97-E-100	SEASONAL OVERHAUL	HIGHWAY
	90-I-5	ADJUST BRAKES/REPLACE MIRRORHEAD	HIGHWAY
	06-JD-59	HYDRAULIC LEAK-REPLACE LINE	HIGHWAY
	03-S-30	ALTERNATOR/EXHAUST	HIGHWAY
3/4/2008	03-S-30	ALTERNATOR/EXHAUST	HIGHWAY
	97-E-100	SEASONAL OVERHAUL	HIGHWAY
	05-I-34	REPLACE BRAKE CHAMBER/BATTERIES	HIGHWAY
	06-JD-59	SEASONAL OVERHAUL	HIGHWAY
	96-I-33	HYDRAULIC LEAK/PERFORMANCE	HIGHWAY
	94-I-15	STRAIGHTEN SANDER PLATE	HIGHWAY
	03-I-14	EXHAUST BRAKE/LIGHTS/ADJUST BRAKES	HIGHWAY
3/5/2008	97-E-100	SEASONAL OVERHAUL	HIGHWAY
	06-JD-59	FINISH SERVICE	HIGHWAY
	03-I-14	EXHAUST BRAKE/LIGHTS/ADJUST BRAKES	HIGHWAY
	172DA	SERVICE/REPAIR EXHAUST	PARKS
	94-I-4	RIGHTSIDE STEERING BOX	HIGHWAY
	03-S-30	SERVICE/ALTERNATOR	HIGHWAY
3/6/2008	97-E-100	SEASONAL OVERHAUL	HIGHWAY
	03-S-30	FINISH SERVICE/REPLACE AIR BRAKE VALVE	HIGHWAY
	94-I-4	SERVICE/RIGHTSIDE STEERING BOX	HIGHWAY
	210DA	COOLANT LEAK	PUBLIC BLDGS
3/7/2008	97-E-100	SEASONAL OVERHAUL	HIGHWAY
	94-I-4	FINISH SERVICE/SLACK ADJUSTER	HIGHWAY
	210DA	COOLANT LEAK-REPLACE RADIATOR	PUBLIC BLDGS
	05-I-34	ADJUST AUGER CHAIN	HIGHWAY
	07-P-18	ADJUST AUGER CHAIN	HIGHWAY
	112DA	BRAKES-FRONT AND REAR	PUBLIC BLDGS
3/8/2008	112DA	BRAKES-FRONT AND REAR	PUBLIC BLDGS
	97-E-100	SEASONAL OVERHAUL	HIGHWAY
	05-I-32	REPLACE AUGER CHAIN	HIGHWAY
	94-I-91	FINISH SEASONAL SERVICE	HIGHWAY
	28DA	SERVICE/PLOW OPERATION	PARKS
3/10/2008	97-E-100	SEASONAL OVERHAUL	HIGHWAY
	28DA	SERVICE/REAR BRAKES	PARKS
	94-I-91	FINISH SEASONAL SERVICE	HIGHWAY
	94-I-15	ADJUST STEERING BOXES	HIGHWAY
	01-F-50	CHECK TRUCK TO COMPRESSOR LIGHTS	HIGHWAY
	01-F-41	CHECK DUMPBODY DASHBOARD SWITCH	HIGHWAY
	85-IR-214	INSTALL FLEX COUPLER	HIGHWAY
	48DA	ROAD SERVICE-JUMP START	HIGHWAY
	05-I-32	SERVICE	HIGHWAY
3/11/2008	97-E-100	SEASONAL OVERHAUL	HIGHWAY

EQUIPMENT MAINTENANCE
BUILDING #4
MARCH 2008

Appendix "B"

	05-I-32	FINISH SERVICE	HIGHWAY
	85-IR-214	INSTALL FLEX COUPLER	HIGHWAY
	05-I-10	SANDER BAFFLE/CUT BUMPER	HIGHWAY
	94-I-91	WIRING FOR SPRAY GUN	HIGHWAY
3/12/2008	94-I-91	COOLANT LEAK/WIRING	HIGHWAY
	05-I-10	SANDER BAFFLE/CUT BUMPER	HIGHWAY
	97-I-27	SERVICE/LIST	HIGHWAY
	48DA	ELECTRICAL	HIGHWAY
	194DA	ROAD SERVICE-NO START	PARKS
	01-F-41	TOGGLE SWITCH/LIGHTS	HIGHWAY
	42DA	HYDRAULIC LEAK	FORESTRY
3/13/2008	94-I-91	COOLANT LEAK/WIRING	HIGHWAY
	97-I-27	SERVICE/LIST	HIGHWAY
	01-F-41	TOGGLE SWITCH/LIGHTS	HIGHWAY
	42DA	HYDRAULIC LEAK	FORESTRY
	171DA	AIR LEAK-REPLACE AIR DRYER	FORESTRY
	92-F-74	REPAIR LIGHTS	HIGHWAY
	00-I-21	SECURE SANDER CHUTE/PLOW LIFT CYLINDER	HIGHWAY
	04-E-22	SERVICE	HIGHWAY
	97-I-29	SERVICE	HIGHWAY
3/14/2008	04-E-22	SERVICE/REPAIR HOPPER DOOR	HIGHWAY
	171DA	REPLACE BRAKE AIR DRYER	FORESTRY
	94-I-91	COOLANT LEAK/WIRING	HIGHWAY
	97-I-29	SERVICE	HIGHWAY
	42DA	REPLACE HYDRAULIC LINES	FORESTRY
	01-F-41	REPLACE DUMPBODY TOGGLE SWITCH	HIGHWAY
	05-I-34	REAR BRAKES HANG-UP/SERVICE	HIGHWAY
	96-I-33	REPAIR CONVEYOR DOORS	HIGHWAY
	92DA	SERVICE	FORESTRY
3/15/2008	07-D-98	SERVICE/INSTALL MUDFLAPS	HIGHWAY
	151DA	SERVICE	FORESTRY
	42DA	REPLACE COOLANT OVERFLOW TANK	FORESTRY
	349DA	DRIVER'S DOOR LATCH	PARKS
3/17/2008	349DA	DRIVER'S DOOR LATCH	PARKS
	05-I-34	SERVICE	HIGHWAY
	94-I-15	REPLACE FUEL TANK	HIGHWAY
	147DA	SERVICE	PUBLIC BLDGS
	266DA	SERVICE	AIRPORT
	01-E-83	ADJUST HYDRAULIC MOTOR CABLE	HIGHWAY
	85-IR-212	SEASONAL SERVICE	HIGHWAY
	181DA	SERVICE/CHECK BRAKES	HIGHWAY
	94-I-91	ELECTRICAL	HIGHWAY
3/18/2008	94-I-91	ELECTRICAL	HIGHWAY
	85-IR-212	SEASONAL SERVICE	HIGHWAY
	181DA	SERVICE/CHECK BRAKES	HIGHWAY
	97-I-85	BRAKE AIR LEAK/OIL PAN	HIGHWAY
	42DA	SERVICE/STARTER	FORESTRY
	00-I-87	ADJUST BRAKES	HIGHWAY
	96-I-33	CHECK TIRE PRESSURES	HIGHWAY
3/19/2008	97-I-85	OIL PAN/PLOW FRAME	HIGHWAY
	42DA	SERVICE/BRAKE CHAMBERS/TIRES	FORESTRY

EQUIPMENT MAINTENANCE
BUILDING #4
MARCH 2008

Appendix "B"

	01-E-83	HYDRAULIC PUMP PROBLEM	HIGHWAY
	01-F-46	BELT SQUEAK/BATTERY LOOSE	HIGHWAY
	65DA	REPAIR LIGHTS	FORESTRY
3/20/2008	97-I-85	REPLACE OIL PAN/REPAIR PLOW FRAME	HIGHWAY
	42DA	REAR AIR CHAMBERS/REAR TIRES	FORESTRY
	01-E-83	ADJUST HYDRAULIC MOTOR CABLE	HIGHWAY
	214DA	SERVICE/NOISE IN FRONT END	PUBLIC BLDGS
	167DA	SERVICE/BRAKES	PARKS
3/24/2008	214DA	NOISE IN FRONT END	PUBLIC BLDGS
	167DA	SERVICE/BRAKES	PARKS
	01-E-83	BACK-UP PROBLEM	HIGHWAY
	42DA	REPAIR LIGHTS	FORESTRY
	03-I-9	AIR CHAMBERS/EXHAUST BRAKE/STEERING	HIGHWAY
	97-I-85	CHECK LIGHTS	HIGHWAY
	180DA	ADJUST BRAKES	HIGHWAY
	181DA	REAR BRAKES	HIGHWAY
	00-I-21	REPAIR FUEL LEAK	HIGHWAY
	93-F-96	BRAKE PEDAL LOW	HIGHWAY
3/25/2008	93-F-96	REPLACE BRAKE MASTER CYLINDER	HIGHWAY
	03-I-9	OIL PAN/EXHAUST BRAKE/POWER STEERING	HIGHWAY
	181DA	REAR BRAKES	HIGHWAY
	94-I-91	REPLACE TOP SUCTION HOSE	HIGHWAY
	06-E-40	SIDE BROOM PIVOT SPRING	HIGHWAY
	96-I-33	ROAD SERVICE-REPAIR FUEL LEAK	HIGHWAY
	03-I-14	REAR INSIDE FLAT TIRE	HIGHWAY
3/26/2008	03-I-9	OIL PAN/EXHAUST BRAKE/POWER STEERING	HIGHWAY
	181DA	ABS LIGHT ON/EXHAUST BRAKE	HIGHWAY
	92-F-74	DRIVER'S INSIDIE DOOR HANDLE	HIGHWAY
	96-I-20	REPAIR SANDER LIGHT	HIGHWAY
	00-I-8	HYDRAULIC LEAK-REPLACE SANDER MOTOR	HIGHWAY
	97-I-23	SERVICE	HIGHWAY
	64DA	CHECK FRONT END SHIMMY	PUBLIC BLDGS
	01-E-83	HYDRAULIC PUMP SOLENOID	HIGHWAY
3/27/2008	97-I-23	SERVICE	HIGHWAY
	01-E-83	REPAIR BACK-UP PROBLEM	HIGHWAY
	05-I-34	PERFORMANCE/ELECTRICAL	HIGHWAY
	97-I-86	SERVICE/BRAKE AIR LEAK	HIGHWAY
3/28/2008	97-I-86	SERVICE/BRAKE AIR LEAK	HIGHWAY
	05-I-34	PERFORMANCE/ELECTRICAL	HIGHWAY
	104DA	ADJUST BRAKES	HIGHWAY
	214DA	BALLJOINTS/FRONT BRAKES	PUBLIC BLDGS
	96-I-20	PTO INOP	HIGHWAY
3/29/2008	214DA	BALLJOINTS/FRONT BRAKES	PUBLIC BLDGS
	06-E-40	SIDE BROOMS	HIGHWAY
3/31/2008	97-I-86	SERVICE/BRAKE AIR LEAK	HIGHWAY
	214DA	REAR BRAKES	PUBLIC BLDGS
	48DA	REAR FLAT REPAIR	HIGHWAY
	05-I-34	PERFORMANCE/ELECTRICAL	HIGHWAY

TO : Common Council - City of Danbury

FROM : David Day, Superintendent of Public Utilities

DATE : April 16, 2008

RE : WATER DEPARTMENT REPORT: MARCH 2008

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>81.7</u>	<u>MG.</u>
B) West Lake Water Treatment Facility :	<u>83.8</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>5.2</u>	<u>inches</u>
B) Past 12 Months (running total) :	<u>68.8</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>14.5</u>	<u>inches</u>

<u>III. WATER STORAGE :</u>	date:	<u>3/3/2008</u>	
		<u>Current Reading</u>	<u>Historical Average</u>
A) East Lake Reservoir :		<u>100.0</u> %	<u>90.2</u> %
B) Margerie Lake Reservoir :		<u>100.0</u> %	<u>92.0</u> %
C) West Lake Reservoir :		<u>100.0</u> %	<u>90.9</u> %
D) Total :		<u>100.0</u> %	<u>91.2</u> %

IV. WATER PUMPED :

A) Park Avenue Pump Station :	0	MG.
B) Padanaram(High School) Pump Station :	4.66	MG.
C) Shelter Rock Pump Station :	3.19	MG.
D) WestConn Pump Station :	1.76	MG.
E) Margerie Pump Station :	1.41	MG.
F) Pleasant Acres:	1.62	MG.
G) Nabby Road:	1.60	MG.
H) Harvest Hill:	2.53	MG.
I) West Lake High Service :	45.9	MG.
J) Total Water Pumped (A-I) :	62.7	MG.
	(MG. = Million Gallons)	

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	0	MG.
B) Padanaram to Margerie Reservoir :	0	MG.
C) Kohanza to West Lake Reservoir :	0	MG.
D) Kenosia Diversion to West Lake Reservoir :	0	MG.
E) Kenosia Wells to West Lake Reservoir :	0	MG.
F) Total Water Transferred (A-E):	0	MG.
	(MG. = Million Gallons)	

VI. ALGAE CONTROL :

- A) None
- B)
- C)

VII. SURVEY OF WATER SOURCES :

- A) Synthetic Organic Compound testing of treatment plant effluent.
- B) Daily testing of treated and untreated water for quality.

VIII. SUPERINTENDENTS NOTES :

MEMORANDUM

DATE: April 15, 2008
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – March 2008
RE: Sanitary Sewer Collection System Maintenance

Complaints: 10 _____

Number Received: 10 _____

Number Completed: 10 _____

Pipe Cleaned: 4,750 LF _____

Gallons of Water Used: 6,500 _____

Pipe Inspected: Damia Road, Reserve Road, Timber Oaks

COMMENTS:

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: March, 2008
Date: 4/14/2008

I. Wastewater Treatment:

A) Sewage Processed:	11.5 MGD (Daily Avg)	357.3 Million Gallons Total
B) Septic Waste Processed:		783,200 Gallons Total
C) Sludge Pumped To Digesters:		379,723 Pounds Total

II. Wastewater Quality

	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	175	9	95	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	194	6	96.9	30 mg/l and 85%
C) Total Phosphorus (mg/l):	4.5	2.5	44	1.0 mg/l
D) Ammonia (mg/l):	23.0	0.81	96	4.0 mg/l
E) Total Nitrogen (lbs/Day):	2,829	1,883	33	551 lbs/day

Note: Phosphorus limits apply May - September. Nitrogen limit for credit trading only.

III. Pump Station Operation:

A) Beaver Brook:	715.5 Hours Run
B) Southfield:	28.5 Hours Run
C) Mill Plain:	1,167.3 Hours Run
D) Backus:	173.2 Hours Run
E) Tarrywile	106.3 Hours Run
F) Turner Road:	72.1 Hours Run
G) Ford Avenue:	26.5 Hours Run
H) Indian Glen:	167.6 Hours Run
I) Delay Street:	27.1 Hours Run
J) Hayestown Road:	53.8 Hours Run
K) Kenosia Avenue:	5.8 Hours Run
L) Larson Drive:	55.4 Hours Run
M) Landfill:	149.9 Hours Run

Total Station Alarms: 13

MAINTENANCE REPORT					
BUILDING # 6					
3/3/2008	352DA	POLICE	FLAT SERVICE		
	107DA	WATER	INSTALL TRANNY		
3/4/2008	2DA	POLICE	SERVICE BRAKES TIRES		
	102DA	WATER	RADIATOR		
	CHIPPER	WATER	NO START		
3/5/2008	DET	POLICE	NO START		
	19DA	POLICE	TRANNY		
	CHIPPER	WATER	NO START		
3/6/2008	CHIPPER	WATER	NO START		
	186DA	POLICE	SERVICE		
	5DA	POLICE	WINDOW SERVICE		
3/7/2008	338DA	POLICE	SERVICE BRAKES TIRES		
	CHIPPER	WATER	STATER		
	197DA	PUB BLD	SERVICE		
3/10/2008	160DA	ENG	SERVICE		
	CHIPPER	WATER	STATER		
	8DA	POLICE	SERVICE BRAKES		
3/11/2008	269DA	HEALTH	SERVICE		
	114DA	ENG	SERVICE STEERING		
	8DA	POLICE	BRAKES SERVICE		
	DET	POLICE	SERVICE		
3/12/2008	114DA	ENG	SERVICE STEERING		
	243DA	POLICE	TIRE SERVICE		
	DET	POLICE	BRAKE LINES		
3/13/2008	238DA	WATER	ENGINE LIGHT		
	114DA	ENG	CV AXEL		
	6DA	POLICE	SERVICE BRAKES TIRES		
	DET	POLICE	BRAKE LINES		
3/14/2008	190DA	POLICE	SERVICE		
	223DA	POLICE	SERVICE		
	DET	POLICE	SERVICE		
	280DA	WATER	SERVICE		
	114DA	BLD	ABS LIGHT		
3/17/2008	114DA	BLD	ABS LIGHT		
	261DA	POLICE	SERVICE		
	225DA	POLICE	SERVICE		
3/18/2008	109DA	WATER	SERVICE		
	10DA	POLICE	SERVICE		
	271DA	POLICE	SERVICE		
	278DA	HEALTH	EXHAUST		
3/19/2008	289DA	POLICE	SERVICE		
	262DA	POLICE	U JONTS SERVICE		
	109DA	WATER	ABS LIGHT		
3/20/2008	262DA	POLICE	U JONTS SERVICE		
	289DA	POLICE	MIRRIOR		

	222DA	POLICE	ENGINE LIGHT SERVICE			
	238DA	WATER	A/C SERVICE TIRES			
3/24/2008	238DA	WATER	A/C SERVICE TIRES			
	9DA	POLICE	STEERING SERVICE			
	181DA	POLICE	BRAKES SERVICE			
3/25/2008	DET	POLICE	BRAKES SERVICE			
	9DA	POLICE	WATER PUMP SERVICE			
	238DA	WATER	A/C SERVICE TIRES			
3/26/2008	238DA	WATER	WINDOW REGULATOR			
	9DA	POLICE	STEERING RACK			
	18DA	POLICE	SERVICE BRAKES			
3/27/2008	1DA	MAYOR	SERVICE BRAKES			
	14DA	POLICE	SERVICE			
	15DA	POLICE	SERVICE			
3/28/2008	102DA	WATER	MOTOR MOUNTS RADIATOR			
	DET	POLICE	WINDOW SERVICE			
	5DA	POLICE	SERVICE			
3/31/2008	184DA	WATER	HEATER SERVICE LIGHTS			
	DET	POLICE	WINDOW REGULATOR			
	113DA	POLICE	SERVICE			