

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.

May 27, 2008

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

RE: Monthly Report for April 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 April.

In April, we celebrated an important milestone for the Police Department Headquarters project by holding a Topping Ceremony. This marked the final installation of all structural steel for the new building.

The Police Station project is moving forward. It is on schedule, with very few change orders. I want to recognize the contractor, construction manager, architects, and in-house personnel from Public Works for working collectively as a team and for taking a partnering approach to resolving any issues that have arisen. So far, this project is a text book example of a well run and well executed capital project.

April is the month in which we change-out our equipment from snow and ice to spring clean up programs. All of our trucks get stripped of their sanders, which are cleaned and stored for the season. These sanders, as well as the built-in sanders, will go through a through inspection and maintenance program over the next four months.

In May, we are planning to have a Public Works Awareness and Employee Recognition Day. All divisions will be showcasing the tasks that they perform for the Public Works Department. The Hat City Public Works Department is a very visible department, and based on the current work load, it is critical that all divisions work well together to be an effective organization. Holding an

event like this fosters team work and staff recognition goes a long way toward loyalty and dedication to the City.

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; grass areas were reseeded this month; other open items to be closed out soon.

Local Bridges – On the Rose Hill Avenue Bridge project, work on the new sewer installation and river crossing is complete; abutment areas have been prepped for footings. We are working with the Engineering Division to finalize plans and easements for the Backus Avenue Bridge. The Padanaram Road over Margerie Brook Bridge repair is underway and on schedule. 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. Work near the railroad crossing is being coordinated with the Housatonic Railroad Company.

FEMA/Related Repairs – The King Street Diversion siltation removal is complete. We have also completed the Padanaram Reservoir Overflow/Stream Bed and realigned the stream bed to its state prior to the April 16, 2007 storm. Pipe repair, concrete retaining wall and rip-rap installation are done and the flow through pipe was restored. The Candlewood Park project will be completed during the first week in May, with topsoil, seed and hay installed.

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 completed the project 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 is done and planters were installed. The epoxy topcoat will be completed shortly, weather permitting. We have surveyed 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 and will complete the work using a City work force and our City equipment bid list in May. The high school front facade has been cleaned and the limestone panels repointed. The brick column in the courtyard was rebuilt. The courtyard retaining wall and brick stairway have been repaired and a partial cut and repoint completed.

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: Kevin Drive sanitary sewer project was a pilot program for our division that progressed successfully. The mail survey was sent out and all responses have been received. The results will be compiled and forwarded to the Common Council for review by next month. The Short Street and Lombardi Street area sanitary sewer project is under preliminary design, with the mail survey to be sent out in a couple of months. A review of the legal ownership of the streets is a challenge, and we are seeking legal advice from our Corporation Counsel office. The design for the Tilden Road/Olive Street area sanitary sewer project is 95% complete with the exception of the storm drainage. Alternative designs were discussed with the Highway Department. We are waiting to hear back from property owners if an easement can be granted. Final assessments for the Jackson Drive area sanitary sewer project are underway. Preliminary re-design drawings for the Cornell Hills sanitary sewer and water project have been reviewed and test borings have been scheduled for June.

Aqua Vista Assessment Project: The Aqua Vista Water Study is underway. A coordination meeting took place with the State DPH for review and approval. Information is being collected. Various alternatives for extending the City's distribution system to Aqua Vista and the surrounding neighborhoods are being investigated.

All steel framing for the Roberts Avenue Replacement School project is complete; roof trusses are 70% complete; the detention pond is 80% complete; and all concrete slabs have been poured.

Regarding the new Police Department Headquarters project, interior slabs are 80% complete and steel erection is done. Backfilling of the site is underway and 40% complete. Mechanical and electrical underground is complete, and duct work on the second floor is underway.

The Traffic Engineer and two Engineering Technicians are involved in the collection and analysis of traffic operations data, monitoring of traffic conditions, and the performance of necessary changes to enhance operations, in addition to the 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 regular 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 problems. Our office oversees the Boehringer Ingelheim Access Improvement project, which will go to construction after all easements are secured. The White Street Railroad Crossing replacement project has been completed.

Staff Engineers review various site plans, special exception applications, and subdivision applications for land-use approval of ongoing development projects throughout 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, the Public Works Complex fuel tank, and Laurel Street drainage.

The City has hired JJA Sports to design the artificial turf fields at Rogers Park and Kenosia Park (part of the Open Space bond). Our office continues to work on finalizing the site plan for both fields.

The sprinkler drawings for the “D” building at Danbury High School were bid out and will be open soon. This work is anticipated to start next month and end by September.

Head Start Project: Design of the roof has been completed and submitted to the State for review and approval. We are currently soliciting bids to remove the oil tank outside the building.

Tarrywile Park Pavilion and Garage: Plans are finalized and we are waiting on site plan approval.

The Cottage Street Sidewalk Project is out to bid and we anticipate opening the bids in May. Funding for this project is through CDBG.

Candlewood Lake Project: The City is soliciting prices from various engineering firms on the scope of the work, and the contract will be finalized next month.

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:

In April the Forestry Department began spring planting at 7 Shore Road. At this location, we planted a weeping cherry to replace a tree removed for the sewer assessment project. On Green Avenue, a green mountain maple was planted to replace a silver maple removed this winter. We worked with the Danbury Lions Club to plant a memorial tree at the Lions Club Park. A red maple was also planted near the driveway at Hayestown Avenue School

Department personnel worked on the following projects during April. Briar Ridge Road was cut back in preparation for the road improvement project. On Purchase Street, we trimmed for a

drainage improvement project. At the new community gardens on Miry Brook Road, sod was removed with the assistance of the Highway Department. A large stump on Durant Street was removed. To celebrate Arbor Day and working with S&B Tree and Bartlett Tree companies, we pruned and removed dead trees at Tarrywile Park.

Trees were also pruned and/or removed in the following areas in April: 15 Aaron Samuels Boulevard; Barnum Road from Society Hill to Wellington Court; Boulevard Drive; Broadview Middle School; 28 Division Street; Fairmount Drive; Locust Avenue and Cleveland Street; Nabby Road over the sidewalk; for crosswalk sight line on Osborne Street; Park Avenue School; new traffic light on Sand Pit Road; and 2 Wixted Avenue.

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

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

It is April and spring is finally here. This past winter brought more sleet and ice to the City than snow, which put a strain on our ice control materials and the employees who battled these conditions. I'm happy to report that Danbury came out of it in good shape, and I would like to thank everyone who had to deal with these weather events for a job well done.

At this time of year, it's not the snow and ice we have to contend with but the rain. When it is not raining, Highway personnel are out working on in-house construction to correct flooding and ice problems throughout the City. Two crews have been performing two major new drainage projects. New catch basin, sumps and drainage pipes are being installed on Beechwood Drive and Tamanny Trail; these two roads are also on the list for paving this year.

There were new street signs installed at 10 locations during April, with 16 other replacement signs and 12 posts also installed.

Highway's spring clean-up program, picking up bags of leaves and bundled brush, is in full swing, working one week in section A (zip code 06810) and the following week in section B (zip code 06811). Weather permitting, we have also been cleaning up litter where necessary. Our street sweeping program is removing the winter salt and sand, with four sweepers out daily, two in the inter-city and two on the outskirts.

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 April, the Parks Maintenance personnel geared up for the coming spring season, finishing our winter maintenance program on all mowing and field equipment. We also prepared our fields for DHS baseball and softball. Litter policing has been ongoing at all schools, playgrounds and parks. Spring clean up of the City buildings was in motion by the middle of the month.

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:

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

The new fueling station at the Public Works Complex is nearly complete. The work is awaiting testing by the DEP, which will allow us to use the fueling station. It is a truly state-of-the-art above ground, environmentally friendly fueling station. It will meet or surpass all governmental regulations for a new fuel dispensing facility. The only remaining work is paving, fencing and signage. This facility should be in use by the end of May. Once this station is on-line, we will begin the removal of the old fuel dispensing station.

The renovation to the building at #1 Memorial Drive is nearing completion, with the drywall being installed. Once the drywall is installed and taped, we can install the wood doors and trim, paint, and begin installing the fixtures and finish work. The target date for completion is May 30, 2008. This building, which we are calling "Veterans Hall", will be a very attractive facility, with offices on the second floor and a meeting space on the main level.

The new emergency generator for City Hall has been delivered. We are working with the state approved vendor for an installation commencement date. We met 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 work should be completed by the end of June 2008.

The HVAC upgrades in the Library building are nearly complete. The air handler will be installed in May and that will complete phase I of this project. Our staff noticed the condition of the cooling tower and we will try to find the funds to replace the cooling tower before the weather gets too hot. This will insure that the work we have done will achieve maximum effectiveness.

Working with the Welfare and Social Services Director, the Public Buildings Division has retained the services of an architect and engineering firm to design the security and energy projects at the 41 New Street homeless shelter. These projects will be funded through CDBG.

The Data Processing/Information Technology Department in City Hall has a redundant air conditioning – dehumidification system. One of the redundant systems is failing and needs to be replaced immediately. Without replacing this system, there is a great potential for system failure when the temperature or humidity rises (as is the case in July and August). We identified a source of funds that can be used for this purpose and will try to have the system installed and running before mid-June.

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings mechanics engaged in during the month of April. We received 400 new work requests and completed 366 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 252.40 man-hours dedicated to this service. The next area of concentration was in electrical work, utilizing 168.50 man-hours of labor. General maintenance repairs came in as the third highest category, with 128.50 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 April 2008. Also attached is the Public Utilities Vehicle Maintenance report. As of May 21, 2008 there are 45 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

cc: 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 April 2008

	<u>Labor Hours</u>	<u>Total Hours This Month</u>	<u>Total Hours Last Month</u>	<u>Difference</u>	<u>Percent Change</u>
Administration		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
Carpentry		1.50	2.00	-0.50	-33.33
City Bldgs	1.50				
Schools	0.00				
Electrical		168.50	281.50	-113.00	-67.06
City Bldgs	44.50				
Schools	124.00				
Alarms		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
HVAC		18.00	4.00	14.00	77.78
City Bldgs	0.00				
Schools	18.00				
Locksmith		7.50	4.50	3.00	40.00
City Bldgs	7.50				
Schools	0.00				
Maintenance		52.50	74.50	-22.00	-41.90
City Bldgs	24.50				
Schools	28.00				
Mechanical		128.50	214.00	-85.50	-66.54
City Bldgs	113.50				
Schools	15.00				
Flowing		2.00	0.00	2.00	100.00
City Bldgs	0.00				
Schools	2.00				
Plumbing		252.40	267.50	-15.10	-5.98
City Bldgs	22.50				
Schools	229.90				
Roofing		10.50	11.50	-1.00	-9.52
City Bldgs	0.00				
Schools	10.50				
New Work Requests received this month			400		
Work Requests Completed this month			366		

EQUIPMENT MAINTENANCE

BUILDING #4

APRIL 2008

Appendix "B"

<u>DATE</u>	<u>VEHICLE</u>	<u>REPAIR DONE</u>	<u>DEPT.</u>
4/1/2008	97-I-86	FINISH SERVICE	HIGHWAY
	05-I-34	TRANSMISSION PROBLEM/ELECTRICAL	HIGHWAY
	01-E-83	BRAKES STUCK ON-LUBE/ADJUST	HIGHWAY
	286DA	SERVICE	PUBLIC BLDGS
	90-I-28	MOUNT WATER TANK	HIGHWAY
	03-I-9	REPLACE OIL PAN	HIGHWAY
4/2/2008	03-I-9	REPLACE OIL PAN/EXHAUST BRAKE PROBLEM	HIGHWAY
	286DA	SERVICE/ELECTRICAL	PUBLIC BLDGS
	03-S-11	CHECK/REPAIR FRONT END SHIMMY	HIGHWAY
	194DA	ROAD SERVICE-NO START	PARKS
	04-E-22	REPLACE SIDE BROOMS	HIGHWAY
4/3/2008	97-E-100	MAIN BROOM	HIGHWAY
	112DA	FRONT TIRES/REPAIR LIGHTS	PUBLIC BLDGS
	01-E-83	ROAD SERVICE-ADJUST CONVEYOR	HIGHWAY
	312DA	REPAIR LIGHTS	HIGHWAY
	01-F-24	SERVICE	HIGHWAY
	94-I-91	HYDRAULIC LEAK	HIGHWAY
4/4/2008	312DA	REPAIR LIGHTS	HIGHWAY
	01-F-24	BALLJOINTS	HIGHWAY
	94-I-91	HYDRAULIC LEAK	HIGHWAY
	00-I-19	ROAD SERVICE-ELECTRICAL-REPLACE ALT.	HIGHWAY
	97-E-100	REPLACE SIDE BROOMS	HIGHWAY
	05-I-34	TRANSMISSION PROBLEM/ELECTRICAL	HIGHWAY
4/5/2008	06-E-40	MAIN BROOM	HIGHWAY
	94-I-91	HYDRAULIC LEAK	HIGHWAY
	05-I-34	TRANSMISSION PROBLEM/ELECTRICAL	HIGHWAY
	178DA	FLAILHEAD DRIVEBELTS	HIGHWAY
4/7/2008	94-I-91	HYDRAULIC LEAK	HIGHWAY
	04-JD-67	DOOR HANDLE	HIGHWAY
	06-E-40	ROAD SERVICE-ADJUST CONVEYOR	HIGHWAY
	06-E-40	ROAD SERVICE-DRAGBOARD BENT	HIGHWAY
	112DA	REAR FLAT REPAIR	PUBLIC BLDGS
4/8/2008	112DA	REAR FLAT REPAIR	PUBLIC BLDGS
	03-S-11	TARP REPAIR	HIGHWAY
	06-E-40	CLEAN WATER SYSTEM	HIGHWAY
	48DA	ROAD SERVICE-ELECTRICAL-HEADLIGHT SWITCH	HIGHWAY
	04-E-22	CHECK AUTO-LUBE SYSTEM	HIGHWAY
	00-I-16	CHECK/FILL COOLANT LEVEL	HIGHWAY
	194DA	DIAGNOSE/REPAIR NO START	PARKS
	06-E-40	ROAD SERVICE-DRAGBOARD/TOWBAR	HIGHWAY
	158DA	REPLACE STEERING BOX	PUBLIC BLDGS
4/9/2008	158DA	REPLACE STEERING BOX	PUBLIC BLDGS
	06-E-40	SIDE BROOMS	HIGHWAY
	94-I-91	REPLACE SUCTION FAN WELDMENT	HIGHWAY
	97-C-58	ROAD SERVICE-REPLACE BATTERIES	HIGHWAY
	01-E-83	TRAILING-ADJUST DRAGBOARDS	HIGHWAY
	97-E-100	ROAD SERVICE-TRAILING	HIGHWAY
	42DA	REPAIR HYDRAULIC LEAK	FORESTRY
	56DA	FUEL TANK STRAP BROKEN	PARKS
	97-E-100	ROAD SERVICE-REPAIR SIDE BROOM	HIGHWAY

EQUIPMENT MAINTENANCE
BUILDING #4
APRIL 2008

Appendix "B"

	00-I-87	EXHAUST/SERVICE	HIGHWAY
4/10/2008	00-I-87	EXHAUST/SERVICE	HIGHWAY
	56DA	FUEL TANK STRAP BROKEN	PARKS
	04-E-22	CHECK AUTO-LUBE SYSTEM	HIGHWAY
	01-E-83	SIDE BROOMS	HIGHWAY
	03-I-9	REPAIR EXHAUST BRAKE	HIGHWAY
	01-E-83	ROAD SERVICE-ADJUST BROOMS	HIGHWAY
	85-B-210	GET STARTED-REPLACE BATTERY	HIGHWAY
4/11/2008	00-I-87	EXHAUST/SERVICE	HIGHWAY
	97-C-58	SERVICE	HIGHWAY
	248DA	BRAKES/SERVICE	BLDG INSP
	06-E-40	ROAD SERVICE-CHECK COOLANT	HIGHWAY
	94-I-91	REPAIR HOSE CLAMP	HIGHWAY
	97-E-100	SIDE BROOMS	HIGHWAY
4/12/2008	248DA	BRAKES/SERVICE	BLDG INSP
	97-C-58	SERVICE	HIGHWAY
	326DA	SERVICE	HIGHWAY
4/14/2008	48DA	ROAD SERVICE-JUMP START	HIGHWAY
	97-E-100	TIGHTEN BOLT ON MAIN BROOM	HIGHWAY
	90-I-5	MOUNT WATER TANK	HIGHWAY
	90-I-12	MOUNT WATER TANK	HIGHWAY
	97-E-100	ROAD SERVICE-TRAILING	HIGHWAY
	01-E-83	ROAD SERVICE-DRAGBOARD	HIGHWAY
	85-B-210	SERVICE	HIGHWAY
4/15/2008	85-B-210	SERVICE	HIGHWAY
	90-I-5	MOUNT WATER TANK	HIGHWAY
	97-E-100	MAIN BROOM	HIGHWAY
	00-I-87	REPLACE EXHAUST	HIGHWAY
	133DA	SERVICE/CHECKOVER	BLDG INSP
	05-F-54	TRAILER LIGHTS	HIGHWAY
4/16/2008	05-F-54	TRAILER LIGHTS	HIGHWAY
	06-E-40	SIDE BROOMS/HOPPER DOOR	HIGHWAY
	97-I-85	DASH LIGHTS	HIGHWAY
	85-IR-214	REPAIR LIGHTS	HIGHWAY
	89-F-109	SERVICE	PARKS
	01-F-24	REPAIR TAILGATE LATCHES	HIGHWAY
	01-E-83	ROAD SERVICE-ADJUST CONVEYOR	HIGHWAY
4/17/2008	89-F-109	SERVICE	PARKS
	01-E-83	MAIN/SIDE BROOMS	HIGHWAY
	05-F-54	LIGHTS/EXHASUST/SPEEDO/FUEL GAUGE	HIGHWAY
	01-E-83	ROAD SERVICE-WATER SYSTEM	HIGHWAY
	97-E-100	ROAD SERVICE-HOPPER DOOR	HIGHWAY
	06-E-40	ROAD SERVICE-ADJUST CONVEYOR	HIGHWAY
	104DA	DUMPBODY INOP.	HIGHWAY
	348DA	SERVICE	AIRPORT
	97-E-100	ROAD SERVICE-FUEL SERVICE	HIGHWAY
4/18/2008	104DA	DUMPBODY INOP.	HIGHWAY
	348DA	SERVICE	AIRPORT
	06-E-40	MAIN BROOM	HIGHWAY
	302DA	TIRES	HIGHWAY
4/19/2008	180DA	SERVICE	HIGHWAY

EQUIPMENT MAINTENANCE
BUILDING #4
APRIL 2008

Appendix "B"

	348DA	SERVICE	AIRPORT
	86-IR-302	CHECK HYD.PUMP & MOTOR	HIGHWAY
4/21/2008	180DA	SERVICE	HIGHWAY
	86-IR-302	CHECK HYD.PUMP & MOTOR	HIGHWAY
	97-E-100	SIDE BROOM/DIRT DEFLECTOR	HIGHWAY
	06-JD-59	TRANSMISSION FILTER LEAK	HIGHWAY
	04-E-22	TRAINING	HIGHWAY
	06-E-40	ROAD SERVICE-SIDE BROOMS	HIGHWAY
	162DA	ROAD SERVICE-BATTERY	BLDG INSP
4/22/2008	01-E-83	SIDE BROOMS	HIGHWAY
	04-E-22	MAIN BROOM/ADJUST M.B. CHAIN-CONVEYOR	HIGHWAY
	01-E-83	ROAD SERVICE-TRAILING	HIGHWAY
	180DA	SERVICE	HIGHWAY
	210DA	REPLACE BATTERY	PUBLIC BLDGS
	89-F-109	INSTALL LIGHTS LENS	PARKS
	85-F-43	NO BRAKES	HIGHWAY
4/23/2008	04-E-22	SIDE BROOMS	HIGHWAY
	85-F-43	NO BRAKES	HIGHWAY
	90-I-12	REPLACE WATER TANK FILL HOSE	HIGHWAY
	01-E-83	MAIN BROOM/ADJUST DRAGBOARDS	HIGHWAY
	104DA	ADJUST BRAKES	HIGHWAY
	134DA	HYDRAULIC PROBLEM	HIGHWAY
4/24/2008	85-F-43	NO BRAKES	HIGHWAY
	134DA	HYDRAULIC PROBLEM	HIGHWAY
	64DA	SERVICE/FRONT BRAKES	PUBLIC BLDGS
	97-E-100	MAIN BROOM	HIGHWAY
	171DA	INSTALL ALTERNATOR	FORESTRY
4/25/2008	SHOP	CLEAN-UP GARAGE	EQUIP MAINT
	349DA	WINDOW TRACK	PARKS
4/26/2008	06-E-40	SIDE BROOMS	HIGHWAY
	01-F-50	REPAIR TRAILER LIGHTS	HIGHWAY
	SHOP	PAINT LIFTS	EQUIP MAINT
4/28/2008	TREE SPRAYER	SERVICE	FORESTRY
	00-I-21	AIR BRAKE GOVENOR	HIGHWAY
	07-P-44	SERVICE	HIGHWAY
	355DA	ROAD SERVICE-NO START	PARKS
	06-E-40	SERVICE	HIGHWAY
	97-E-100	SERVICE	HIGHWAY
4/29/2008	07-P-44	SERVICE	HIGHWAY
	97-E-100	SERVICE	HIGHWAY
	97-I-85	REPAIR LIGHTS	HIGHWAY
	94-I-15	MOUNT SPRAYER UNIT	HIGHWAY
	01-F-50	SERVICE	HIGHWAY
	05-I-34	REPAIR TRANSMISSION/ELECTRICAL	HIGHWAY
	SHOP	REPAIR TRUCK LIFT COVERS	EQUIP MAINT
	05-I-10	SERVICE/REPLACE OIL PAN	HIGHWAY
	94-I-6	ADJUST BRAKES/BUMPER BOLTS/SERVICE	HIGHWAY
4/30/2008	94-I-6	EXHAUST/SERVICE	HIGHWAY
	05-I-10	SERVICE/REPLACE OIL PAN	HIGHWAY
	99-F-105	REPLACE HEATER BLOWER MOTOR	HIGHWAY
	05-I-34	ABS LIGHT ON	HIGHWAY

EQUIPMENT MAINTENANCE
BUILDING #4
APRIL 2008

Appendix "B"

	70DA	ROAD SERVICE-COOLANT LEAK	HIGHWAY
	181DA	COOLANT PROBLEM	HIGHWAY

TO : Common Council - City of Danbury
 FROM : David Day, Superintendent of Public Utilities
 DATE : May 20, 2008
 RE : WATER DEPARTMENT REPORT: APRIL 2008

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>85.8</u>	<u>MG.</u>
B) West Lake Water Treatment Facility :	<u>86.0</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>3.7</u>	<u>inches</u>
B) Past 12 Months (running total) :	<u>62.3</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>18.2</u>	<u>inches</u>

<u>III. WATER STORAGE :</u>	date:	4/1/2008	
		<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>99.7</u> %	<u>92.0</u> %
C) West Lake Reservoir :		<u>100.0</u> %	<u>90.9</u> %
D) Total :		<u>99.9</u> %	<u>91.2</u> %

IV. WATER PUMPED :

A) Park Avenue Pump Station :	0	MG.
B) Padanaram(High School) Pump Station :	4.56	MG.
C) Shelter Rock Pump Station :	2.96	MG.
D) WestConn Pump Station :	2.05	MG.
E) Margerie Pump Station :	1.27	MG.
F) Pleasant Acres:	1.87	MG.
G) Nabby Road:	1.56	MG.
H) Harvest Hill:	2.55	MG.
I) West Lake High Service :	48.9	MG.
J) Total Water Pumped (A-I) :	65.7	MG.
	(MG. = Million Gallons)	

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	0	MG.
B) Padanaram to Margerie Reservoir :	3.4	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):	3.4	MG.
	(MG. = Million Gallons)	

VI. ALGAE CONTROL :

- A) None
- B)
- C)

VII. SURVEY OF WATER SOURCES :

- A) Pesticides and herbicides testing of reservoirs.
- B) Daily testing of treated and untreated water for quality.

VIII. SUPERINTENDENTS NOTES :

MEMORANDUM

DATE: May 9, 2008
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – April 2008
RE: Sanitary Sewer Collection System Maintenance

Complaints: 9 _____

Number Received: 9 _____

Number Completed: 9 _____

Pipe Cleaned: 1,600 LF _____

Gallons of Water Used: 10,000 Gallons _____

Pipe Inspected:

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: April, 2008
Date: 5/14/2008

I. Wastewater Treatment:

A) Sewage Processed:	9.3 MGD (Daily Avg)	279.3 Million Gallons Total
B) Septic Waste Processed:		1,200,200 Gallons Total
C) Sludge Pumped To Digesters:		438,053 Pounds Total

II. Wastewater Quality

	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	218	9	96	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	300	6	98.0	30 mg/l and 85%
C) Total Phosphorus (mg/l):	5.9	3.0	49	1.0 mg/l
D) Ammonia (mg/l):	23.0	1.31	94	4.0 mg/l
E) Total Nitrogen (lbs/Day):	3,220	1,660	48	551 lbs/day

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

III. Pump Station Operation:

A) Beaver Brook:	630.8 Hours Run
B) Southfield:	26.9 Hours Run
C) Mill Plain:	1,222.2 Hours Run
D) Backus:	156.4 Hours Run
E) Tarrywile	104.4 Hours Run
F) Turner Road:	38.7 Hours Run
G) Ford Avenue:	20.5 Hours Run
H) Indian Glen:	126.3 Hours Run
I) Delay Street:	26.1 Hours Run
J) Hayestown Road:	48.5 Hours Run
K) Kenosia Avenue:	3.3 Hours Run
L) Larson Drive:	64.5 Hours Run
M) Landfill:	135.9 Hours Run
Total Station Alarms: 7	

Veolia Water North America-Northeast
 Danbury Water Pollution Control Plant
 Newtown Rd., Danbury, CT 06810
 Tel 203-748-9116 Fax 203-748-9146
 www.veoliawaterna.com

MAINTENANCE REPORT - BUILDING #6			
April-08			
4/1/2008	39DA	POLICE	SERVICE
	DET	POLICE	EXHAUST
	DET	POLICE	TRANNY
	184DA	WATER	SERVICE THERMOSTAT
4/2/2008	63DA	PUB BLD	SERVICE BRAKES LIGHTS
	DET	POLICE	TRANNY
	DET	POLICE	SERVICE
	3DA	POLICE	SERVICE
4/3/2008	152DA	WATER	FLAT
	231DA	WATER	ENGINE LIGHT SERVICE
	DET	POLICE	TRANNY
4/4/2008	231DA	WATER	ENGINE LIGHT SERVICE LIGHTS
	279DA	WATER	SERVICE
	333DA	POLICE	SERVICE
	DET	POLICE	TRANNY
4/7/2008	333DA	POLICE	SERVICE
	206DA	HWY	SERVICE
	109DA	WATER	FLOORMAT
	DET	POLICE	TRANNY
4/8/2008	109DA	WATER	CARPET
	354DA	POLICE	SERVICE
	DET	POLICE	TRANNY
	9DA	POLICE	SERVICE
4/9/2008	109DA	POLICE	DASH
	DET	POLICE	TRANNY
	9DA	POLICE	STEERING
4/10/2008	9DA	POLICE	FRONT END
	DET	POLICE	TRANNY
	101DA	WATER	INTAKE GASKET
4/11/2008	DET	POLICE	TRANNY
	9DA	POLICE	STEERING
	101DA	WATER	INTAKE GASKET
4/14/2008	101DA	WATER	INTAKE GASKET
	255DA	POLICE	SERVICE BRAKES
4/15/2008	89DA	WATER	A/C
	101DA	WATER	INTAKE GASKET
4/16/2008	10DA	POLICE	NO START
	36DA	POLICE	FLAT
	101DA	WATER	TUNE UP SERVICE
4/17/2008	101DA	WATER	SERVICE BRAKES
	17DA	POLICE	SERVICE
	27DA	PUB WORKS	SERVICE
	MOWER	WATER	BATTERY
4/18/2008	101DA	WATER	TRAILER HITCH & WIRING
	257DA	POLICE	SERVICE BRAKES
	3CH546	SENIOR	FLAT R/C
4/21/2008	101DA	WATER	WIREING

Appendix "B"

	220DA	PERMIT	MIRRIOR				
	270DA	POLICE	SERVICE				
	257DA	POLICE	BRAKES				
4/22/2008	132DA	WATER	FUEL PUMP				
	257DA	POLICE	SERVICE BRAKES				
	DET	POLICE	SERVICE				
	37981	SENIOR	BATTERY				
4/23/2008	350DA	WATER	SERVICE BRAKES TIRES				
	DET	POLICE	SERVICE BRAKES				
	129DA	POLICE	RUNS POOR				
4/24/2008	350DA	WATER	SERVICE BRAKES TIRES				
	75DA	BLD	A/C				
	2DA	POLICE	SERVICE BATTERY				
	15DA	POLICE	TRANNY				
4/25/2008	129DA	POLICE	RUNS POOR				
	238DA	WATER	NO START				
4/28/2008	13DA	POLICE	LIGHTS / SERVICE				
	129DA	POLICE	RUNS POOR				
	422WLA	POLICE	STEERING				
4/29/2008	129DA	POLICE	RUNS POOR				
	424WLA	POLICE	SERVICE				
	261DA	POLICE	SERVICE/BRAKES				
4/30/2008	352DA	POLICE	SERVICE/BRAKES				
	333DA	POLICE	SERVICE				
	13DA	POLICE	LIGHTS				
	129DA	POLICE	RUNS POOR				