

**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 24, 2008

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

RE: Monthly Report for May 2008

Dear Mayor Boughton and Members of the Common Council:

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

The entire Public Services Division worked together to complete the plantings and cleaning in preparation for the Memorial Day Parade and the opening of all City parks. The crews did an outstanding job. Some new flags were installed on Main Street, which enhanced the parade route and gave it a patriotic feel. Rogers Park was magnificent and provided a beautiful setting for the Memorial Day Services. There were significantly more spectators this year who were given a first hand view of one of the most picturesque areas in the City.

Once again, Clean City Danbury Day was a huge success, with 57.50 tons of light iron and 6.20 tons of refrigerators alone collected. This year, working with the Purchasing Department, I decided to sell the scrap metal collected on Clean City Danbury Day, along with scrap metal that we collected during the rest of the year. We were pleasantly surprised when we received a bid of \$250 per ton for light metal and \$235 per ton for white goods (refrigerators, etc.). This generated almost \$16,000 in revenue, and eliminates the payment we made to our old vendor for taking our scrap metal. Yes, the City previously paid a vendor to take this metal. We are also selling our waste oil to a vendor and we will be paid \$35 per gallon for this oil. I want to thank the Purchasing Department for working very quickly with me so I could bid out this work. Together,

we were able to save the City a considerable amount of money and created a revenue stream for the remainder of the year.

The Public Works Department also appreciates the efforts of the residents to help reduce litter and keep Danbury beautiful. We thank the Common Council members and all of the other volunteers for contributing to the success of the program.

The Association of Public Works Professionals of the Housatonic Valley held their first meeting in Danbury. Training requirements for planning for and responding to terrorism/WMD incidents was the main topic of discussion. Public Works Departments can play an integral support role in dealing with unwanted activities and training is of the utmost importance. The association will meet in July to determine our planning needs and sources for training.

May 16, 2008 was a great day for the Hat City Public Works Department. Our First Annual Public Works Awareness and Employee Recognition Day was held. Students from the Interfaith Early Learning Center and Immanuel Lutheran School visited the complex to learn about some of the tasks performed by department employees. They enjoyed looking at the trucks; watching Patrick Shanahan, from the Forestry Department, climb a tree; the traffic lights; and the other informational displays prepared by the divisions. The students especially liked the hayride around the complex, in particular inside the sand and salt dome. It appeared that the employees enjoyed the day as much as the students. We are looking forward to the 2009 Public Works Awareness Day and hope to have an even bigger and better event.

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 Building D Sprinklers – We have been working with the Engineering Division on this design-build project. The contract was awarded to M. J. Daly. We expect to start the project in June. It will be administered in-house by the Construction Services Division, which should result in a considerable cost savings.

Kaplanis Memorial Field – A few open items remain; grass areas were reseeded this month; we have scheduled the remaining work, so other open items will be closed out soon. This work consists of reworking a small area of paving to relieve several areas retaining small amounts of water and should be completed in June. This project will not be included in next month's report since it is substantially complete.

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 and the abutment 2 footing has been poured; the contractor has recently encountered difficult field conditions and the last four flash rainstorms have also had an impact. We continue working with the Engineering Division to finalize plans and easements for the Backus Avenue Bridge repair. The Padanaram Road Bridge over East Lake Brook Bridge reconstruction is underway, on schedule and within budget. Construction Services is administering both Padanaram Road bridge projects, including construction inspection, resulting in a savings of \$150,000 to the City. The traffic detour was advertised in the newspaper and on the 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 for replacement in the near future.

White Street Streetscape – The contractor has completed 80% of the construction on the south side of White Street. The new railroad crossing was completed by the Housatonic Railroad Company. Working with the Engineering Division and the City Traffic Engineer, the paving area was increased to allow a smooth transition.

Rogers Park – The final spring seeding and rolling of the outfield was done at Westerners' Field, and the contractor has fertilized the entire 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 the colored epoxy topcoat will be completed shortly, weather permitting. The City Seal will be inlaid into the asphalt walk and the shop drawings have been approved. We have surveyed for the revised site plan and will be submitting it to the Building Department soon. The closeout phase of this project 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 have been submitted for Planning & Zoning approval. We have met with the Public Utilities 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. We continue to work with LGB to answer the State Department of Environmental Protection's comments. The equipment delivery has been rescheduled for June. Once we receive the permit, we will proceed with construction. 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.

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 constructed 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 approval. The preliminary design work was done in-house by the Engineering Division in conjunction with Construction Services.

Danbury High School Courtyard – 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 June. The lower courtyard work has been completed. Additional drainage has been installed and existing lines replaced to working order. We excavated 18 feet deep along the southerly portion of the E wing elevator machine room and hallway to below the footing. We removed the existing waterproofing material, performed masonry repairs and recoated the foundation. We also installed a sump pump which is piped to the existing courtyard drainage system. By taking these measures, the water that had been infiltrating the walls of the building for a long period of time has been stopped.

Cottage Street Sidewalk Improvements – We have reviewed the final plans with the Engineering Division. The project has been bid and we expect to begin construction in June. The project will be administrated by Construction Services.

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 was a pilot program for our division that progressed successfully. The mail survey results were sent to the Common Council for the June meeting. The Short Street and Lombardi Street area sanitary sewer project is under preliminary design, with the mail survey to be sent out in July. 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 80% complete. Various alternatives for extending the City's distribution system to Aqua Vista and the surrounding neighborhoods have been investigated. The City is awaiting a final draft report from our consultant on their findings.

All steel framing for the Roberts Avenue Replacement School project is complete; roof trusses are 70% complete and are expected to be done in August; the detention pond is 80% complete; all concrete slabs have been poured; metal decking and sprinkler work will commence next month; all utilities under the slab have been installed and CL&P has energized permanent service to the building. Resolution of some adverse soil conditions related to historic fill is almost complete; we are awaiting final comments on a project plan submitted to the State DEP and DPH.

Regarding the new Police Department Headquarters project, interior slabs are 100% complete and steel erection is also done. Backfilling of the site is 70% complete. Mechanical and electrical underground conduits are installed, and duct work on the lower level is 50%, main level 75% and upper level 30% complete. Masonry walls and exterior metal studs have been installed, and framing of interior rooms with metal studs has started.

The Traffic Engineer and two Traffic 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.

Staff Engineers review various site plans, water and sewer permit applications, 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 and various drainage easements.

The City has hired JJA Sports to perform the final design of 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 went out to bid and the bids received were under the estimated price. This work is anticipated to start next month and end by September.

Head Start Project: Comments from the State on the roof design have been received and we are working on a response to the BSF office. Prices on the oil tank removal are being reviewed and the work will be awarded next month.

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

The Cottage Street Sidewalk Improvements project was bid and we anticipate opening the bids in June. Funding for this project is through CDBG.

Candlewood Lake Project: The City has received two proposals from engineering firms on the scope of the work and we are waiting on a third price.

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 May the Forestry Department celebrated Arbor Day by planting two ceremonial trees, a green mountain sugar maple at Hayestown Avenue School to replace a large ash that was removed last fall, and a weeping cherry at Lake Kenosia Park in conjunction with the Danbury Garden Club. Other trees planted during May were a sugar maple at King Street School and five blue spruces on Great Meadow Road to replace trees cut back in the winter for snow plowing. We also planted flowers and mulched on Main Street, and again worked with the garden club mulching and pruning the butterfly garden at King Street School.

On May 16th, the Forestry Department presented one of the most popular displays of the first annual Public Works Awareness & Appreciation Day open house at the Danbury Public Works Complex on Newtown Road. The children really enjoyed all of our trucks and equipment, and especially the tree climbing demonstration. We are looking forward to next year’s event.

Trees were pruned and/or removed in the following locations during May: Birch Road; 30 Cross Street; East Pembroke Road; High Street; Hospital Avenue sidewalk; Madison Avenue; Main Street islands and near Food Bag; Moss Avenue; 16 Ohehyahtah Place; along the fence line at Roberts Avenue School; Sand Pit Road; Stadley Rough Road; Starr Street; Ta’agan Point Road; and Westminster Road.

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

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

During the month of May, the Highway Department was running at full speed to complete our annual street sweeping program. We had four sweepers out daily to clean the winter road sand off the 240 miles of City streets. Our spring bag pickup program also moved along quite nicely, working one week in section A and the next in section B.

Our construction crew installed new drainage at three locations in May, Beechwood Drive, Tamanny Trails and the J.V. baseball field at Danbury High School. We also made two drainage repairs.

The sign crew installed new street signs at five locations, with 12 signs and seven new sign posts. We also repaired eight signs and posts at various locations.

The downtown refuse truck was quite busy removing garbage in the City Center area. Keeping our downtown streets and sidewalks clean is a considerable task.

I would like to take a moment to express my appreciation to all who were involved in making the Public Works Awareness & Appreciation Day a great success. Thank You everyone for a job so very well done.

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:

The Parks Maintenance Department was in high gear during May. All of the baseball, softball, lacrosse, and soccer programs are in full swing, which means that all of these fields require maintenance seven days a week. We provide all of these organizations with a quality field to play on daily.

May was one of our department's busiest months this year, with the Memorial Day Parade and the first local CT Film Festival scheduled so close together. The parade route and the downtown area looked great for both events. We had Candlewood Lake Park beach and the Spray Park at Rogers Park open for Memorial Day weekend without a hitch. Parks Maintenance personnel also began mowing all of the school lawns, along with all of the lawns in the inner-City.

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:

May was a busy month as the Public Buildings staff was engaged in several projects in addition to the maintenance and repair of the city facilities. Work continued as well as could be expected with three employees absent due to injury. I want to commend the Public Buildings Maintenance Mechanics, who worked very hard this month to keep all facilities up and operating.

The new fueling station at the Public Works Complex has been approved by the Connecticut DEP, which will allow us to use the fueling station once "punch list" items are completed. 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. Work on the removal of the old fuel dispensing station will begin in early July. We are keeping the old equipment on-line

to insure no glitches with the new system. It is estimated that the entire project will be completed by the end of July, including the paving and landscaping changes.

The renovation to the building at #1 Memorial Drive is receiving the finishing touches. The drywall is being painted, the floors are being finished and the fixtures are being installed. When all the interior work is completed, the Parks Maintenance Division will begin with site improvements. This building, which we have named Veterans Hall, will be a very attractive facility with offices on the second floor and a meeting space on the main level. The building work will be essentially complete by June 20, 2008.

Installation of the new emergency generator for City Hall will begin the week of June 9, 2008. We have received our building/electrical permit and are striving to complete all work with our generator contractor by July 1, 2008. The exhaust stack required to prevent exhaust gases from entering City Hall should coincide with the generator installation completion date.

The HVAC upgrades in the Library building lower level are essentially complete. The cooling tower change order has been approved and funds have been identified to replace this important component of the air conditioning system. It is anticipated that this work can be completed by the beginning of July.

The air conditioning/dehumidification system in the Data Processing/Information Technology Department at City Hall mentioned last month has been funded and the equipment obtained. Installation of the new equipment is scheduled for the second week in June. By replacing this system the potential for system failure due to over-heating has been eliminated.

Energy management and conservation will be a most important factor in the future of facility operations with the rising cost of electricity, natural gas and oil. We will continue to investigate energy saving measures for all City facilities and encourage all employees to practice energy conservation, both on the job and at home.

Attached please find the statistical analysis for repairs and maintenance work that the Public Buildings mechanics engaged in during the month of May. We received 368 new work requests and completed 144 work requests. In reviewing this report, you will find the repair time that was expended in major work categories (current month versus previous month) and 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 165.00 man-hours dedicated to this service. The next area of concentration was in electrical work, utilizing 162.50 man-hours of labor. Carpentry and repairs came in as the third highest category, with 65.50 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 May 2008. Also attached is the Public Utilities Vehicle Maintenance report. As of June 18, 2008 there are 56 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
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

Appendix "A"

Public Buildings Division
Monthly Report May 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		65.50	23.00	42.50	64.89
City Bldgs	10.00				
Schools	55.50				
Electrical		162.50	169.50	-7.00	-4.31
City Bldgs	43.50				
Schools	119.00				
Alarms		0.00	0.00	0.00	0.00
City Bldgs	0.00				
Schools	0.00				
HVAC		10.50	18.00	-7.50	-71.43
City Bldgs	0.00				
Schools	10.50				
Locksmith		0.00	7.50	-7.50	0.00
City Bldgs	0.00				
Schools	0.00				
Maintenance		12.00	52.50	-40.50	-337.50
City Bldgs	8.50				
Schools	3.50				
Mechanical		30.50	128.50	-98.00	-321.31
City Bldgs	26.00				
Schools	4.50				
Plowing		0.00	2.00	-2.00	0.00
City Bldgs	0.00				
Schools	0.00				
Plumbing		165.00	253.90	-88.90	-53.88
City Bldgs	27.00				
Schools	138.00				
Roofing		6.00	10.50	-4.50	-75.00
City Bldgs	4.00				
Schools	2.00				

New Work Requests Received 368
Work Requests Completed 144

TO : Common Council - City of Danbury
 FROM : David Day, Superintendent of Public Utilities
 DATE : June 18, 2008
 RE : WATER DEPARTMENT REPORT: MAY 2008

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>94.7</u>	MG.
B) West Lake Water Treatment Facility :	<u>103.7</u>	MG.
C) Kenosia Well Field :	<u>0</u>	MG.
D) Osborne Street Well Field :	<u>0</u>	MG.
E) Other :	<u>0</u>	MG.

(MG. = Million Gallons)

II. RAINFALL :

A) Month :	<u>3.4</u>	inches
B) Past 12 Months (running total) :	<u>64.3</u>	inches
C) Current Year (Jan.- Current Mo.) :	<u>21.6</u>	inches

III. WATER STORAGE :

date: 5/5/2008

	<u>Current Reading</u>		<u>Historical Average</u>	
A) East Lake Reservoir :	<u>98.2</u>	%	<u>93.8</u>	%
B) Margerie Lake Reservoir :	<u>100.0</u>	%	<u>94.9</u>	%
C) West Lake Reservoir :	<u>100.0</u>	%	<u>96.6</u>	%
D) Total :	<u>99.8</u>	%	<u>95.5</u>	%

IV. WATER PUMPED :

A) Park Avenue Pump Station :	0	MG.
B) Padanaram(High School) Pump Station :	4.97	MG.
C) Shelter Rock Pump Station :	3.10	MG.
D) WestConn Pump Station :	2.05	MG.
E) Margerie Pump Station :	1.81	MG.
F) Pleasant Acres:	2.24	MG.
G) Nabby Road:	2.20	MG.
H) Harvest Hill:	2.80	MG.
I) West Lake High Service :	53.1	MG.
J) Total Water Pumped (A-I) :	72.3	MG.
	(MG. = Million Gallons)	

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	38.1	MG.
B) Padanaram to Margerie Reservoir :	0	MG.
C) Kohanza to West Lake Reservoir :	9.2	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):	47.3	MG.
	(MG. = Million Gallons)	

VI. ALGAE CONTROL :

- A) Margerie Reservoir 5900 lbs. Copper Sulfate
- B) West Lake Reservoir 3500 lbs. Copper Sulfate
- C)

VII. SURVEY OF WATER SOURCES :

- A) Disinfection by-products (trihalomethanes and haloacetic acids) testing of distribution system.
- B) Daily testing of treated and untreated water for quality.

VIII. SUPERINTENDENTS NOTES :

MEMORANDUM

DATE: June 17, 2008
TO: City of Danbury, Common Council
FROM: *David M. Day, P.E.*, Superintendent – May 2008
RE: Sanitary Sewer Collection System Maintenance

Complaints: 14 _____

Number Received: 14 _____

Number Completed: 14 _____

Pipe Cleaned: 3,500 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: May, 2008
Date: 6/6/2008

I. Wastewater Treatment:

A) Sewage Processed:	8.8 MGD (Daily Avg)	274.1 Million Gallons Total
B) Septic Waste Processed:		1,211,750 Gallons Total
C) Sludge Pumped To Digesters:		475,889 Pounds Total

II. Wastewater Quality

	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	264	2	99	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	382	3	99.2	30 mg/l and 85%
C) Total Phosphorus (mg/l):	5.1	0.4	91	1.0 mg/l
D) Ammonia (mg/l):	25.0	0.29	99	1.9 mg/l
E) Total Nitrogen (lbs/Day):	2,976	2,192	26	551 lbs/day

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

III. Pump Station Operation:

A) Beaver Brook:	687.8 Hours Run
B) Southfield:	29.6 Hours Run
C) Mill Plain:	750.1 Hours Run
D) Backus:	161.3 Hours Run
E) Tarrywile	81.8 Hours Run
F) Turner Road:	37.9 Hours Run
G) Ford Avenue:	24.3 Hours Run
H) Indian Glen:	106.0 Hours Run
I) Delay Street:	34.9 Hours Run
J) Hayestown Road:	46.4 Hours Run
K) Kenosia Avenue:	2.9 Hours Run
L) Larson Drive:	47.3 Hours Run
M) Landfill:	143.5 Hours Run

Total Station Alarms: 18

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

EQUIPMENT MAINTENANCE

BUILDING #4

MAY 2008

Appendix "B"

<u>DATE</u>	<u>VEHICLE</u>	<u>REPAIR DONE</u>	<u>DEPT.</u>
5/1/2008	181DA	COOLANT LEAK-HEAD GASKET	HIGHWAY
	94-I-6	EXHAUST	HIGHWAY
	00-I-16	BRAKE LIGHT OUT	HIGHWAY
	00-I-3	FILL COOLANT LEVEL	HIGHWAY
	94-I-91	REPLACE RIGHT REAR TIRE	HIGHWAY
	03-I-14	SERVICE/EXHAUST BRAKE/ABS LIGHT ON	HIGHWAY
	07-P-18	REPLACE RADISTOR CAP	HIGHWAY
	62DA	HYDRAULIC LEAK-REPLACE LINE	FORESTRY
	106DA	SERVICE/REAR BRAKES	HIGHWAY
	92DA	ROAD SERVICE-OUT OF FUEL	FORESTRY
5/2/2008	03-I-14	ABS LIGHT ON/EXHAUST BRAKE	HIGHWAY
	326DA	REAR FLAT TIRE	HIGHWAY
	01-E-83	SIDE BROOMS	HIGHWAY
	198DA	STOPLIGHT OUT	PARKS
	06-E-40	MAIN BROOM/SERPENTINE BELT	HIGHWAY
5/5/2008	181DA	HEAD GASKET	HIGHWAY
	94-I-6	REPAIR EXHAUST	HIGHWAY
	97-E-100	SIDE BROOM/ADJUST DIRT DEFLECTORS	HIGHWAY
	180DA	TRANSMISSION OVERFULL-DRAIN FLUID	HIGHWAY
	06-E-40	SERPENTINE BELT TENSIONER/FAN HUB	HIGHWAY
	03-I-14	TAILGATE LATCHES	HIGHWAY
5/6/2008	03-I-14	TAILGATE LATCHES	HIGHWAY
	181DA	HEAD GASKET	HIGHWAY
	06-E-40	SIDE BROOM/BELT TENSIONER/FAN HUB	HIGHWAY
	06-JD-59	INSTALL RETURN LEVEL LEVER	HIGHWAY
	90-I-28	SWAP FRONT TIRES WITH #134DA	HIGHWAY
	134DA	SWAP FRONT TIRES WITH #28	HIGHWAY
	178DA	WELD FLAILHEAD TEE-PEES	HIGHWAY
	94-I-6	CHECK NOISE IN FRONT END	HIGHWAY
	96-I-33	MAIN DUMP CYLINDER	HIGHWAY
	90-I-12	STEERING PROBLEM	HIGHWAY
5/7/2008	181DA	HEAD GASKET	HIGHWAY
	90-I-12	STEERING PROBLEM	HIGHWAY
	96-I-33	MAIN DUMP CYLINDER	HIGHWAY
	97-E-100	RIGHTSIDE DRAGBOARD/TOWBAR	HIGHWAY
	94-I-91	FLASHERS INOP	HIGHWAY
	01-E-83	MAIN/SIDE BROOMS	HIGHWAY
	162DA	ROAD SERVICE-FLAT TIRE	BLDG INSP
	134DA	ROAD SERVICE-TAILGATE PROBLEM	HIGHWAY
5/8/2008	90-I-12	STEERING PROBLEM	HIGHWAY
	181DA	HEAD GASKET	HIGHWAY
	162DA	SERVICE/TIRES/THERMOSTAT	BLDG INSP
	06-E-40	SIDE BROOM	HIGHWAY
	94-I-91	WATER SYSTEM LEAK REPAIR	HIGHWAY
	92DA	CHECK PERFORMANCE	FORESTRY
	05-I-31	REPLACE OIL PAN/SERVICE	HIGHWAY
	00-I-8	SERVICE	HIGHWAY
5/9/2008	05-I-31	REPLACE OIL PAN/SERVICE	HIGHWAY
	00-I-8	SERVICE	HIGHWAY
	181DA	HEAD GASKET	HIGHWAY

EQUIPMENT MAINTENANCE
BUILDING #4
MAY 2008

Appendix "B"

	178DA	WELD CUTTERHEAD	HIGHWAY
5/10/2008	32DA	SERVICE/TUNE-UP/LIGHTS	BLDG SUPER
	97-E-100	MAIN BROOM	HIGHWAY
	05-I-31	PINNION SEAL	HIGHWAY
	06-E-40	SIDE BROOM	HIGHWAY
	00-I-8	ABS VALVE/MODULE	HIGHWAY
5/12/2008	00-I-8	ABS VALVE/MODULE	HIGHWAY
	32DA	REPAIR STOBE LIGHTS	BLDG SUPER
	180DA	REPLACE PINNION SEAL	HIGHWAY
	01-F-41	ROAD SERVICE-SHIFTER PROBLEM	HIGHWAY
	07-P-25	RE-INSTALL NUT ON SHIFT CONTROL	HIGHWAY
	01-F-41	SHIFTER BROKEN	HIGHWAY
5/13/2008	05-I-31	REPLACE PINNION SEAL	HIGHWAY
	97-E-100	SIDE BROOM/MIRROR	HIGHWAY
	70DA	FILL COOLANT LEVEL	HIGHWAY
	00-I-7	SERVICE	HIGHWAY
	94-I-15	REPAIR WATER TANK FITTING	HIGHWAY
	01-F-41	REPAIR SHIFTER	HIGHWAY
	SHOP	CLEAN-UP	EQUIP MAINT
5/14/2008	00-I-7	SERVICE/LIGHTS	HIGHWAY
	181DA	AIR COMPRESSOR HEAD GASKET	HIGHWAY
	01-E-83	CHECK WATER SYSTEM	HIGHWAY
	SHOP	GARAGE CLEAN-UP	EQUIP MAINT
5/15/2008	355DA	HEADLIGHT OUT	PARKS
	SHOP	CLEAN-UP	EQUIP MAINT
	07-P-18	REPLACE RIGHT FRONT TIRE	HIGHWAY
	06-E-40	MAIN/SIDE BROOMS	HIGHWAY
5/16/2008	PUBLIC WORKS	OPEN-HOUSE DAY	EQUIP MAINT
5/19/2008	07-P-25	REPAIR PTO SWITCH	HIGHWAY
	97-I-2	SERVICE	HIGHWAY
	07-P-18	HOOK-UP TRAILER	HIGHWAY
	06-E-40	ROAD SERVICE-ADJUST CONVEYOR	HIGHWAY
	PUT-PUT	ROAD SERVICE-REPAIR CONTROL LINKAGE	PARKS
	01-E-83	DRAGSHOES-MAINSIDE BROOMS	HIGHWAY
5/20/2008	181DA	REPAIR FAN	HIGHWAY
	04-JD-67	HYDRAULIC LEAK-REPLACE LINE	HIGHWAY
	97-I-2	SERVICE	HIGHWAY
	90-I-47	DOOR/NO START/CLEAN	HIGHWAY
	97-E-100	DRAGBOARD PROBLEM	HIGHWAY
	94-I-48	SERVICE	HIGHWAY
5/21/2008	94-I-48	SERVICE	HIGHWAY
	07-D-49	SERVICE	HIGHWAY
	04-JD-67	HYDRAULIC LEAK-REPLACE LINE	HIGHWAY
	97-E-100	SIDE BROOM	HIGHWAY
	04-JD-67	ROAD SERVICE-HYDRAULIC LEAK	HIGHWAY
	06-E-40	ROAD SERVICE-TRAILING	HIGHWAY
	97-E-100	ROAD SERVICE-MAIN BROOM WON'T GO DOWN	HIGHWAY
	93-F-96	SERVICE	HIGHWAY
	180DA	REBUILD DIFFERENTIAL	HIGHWAY
	236DA	NO START	HIGHWAY
5/22/2008	94-I-48	SERVICE	HIGHWAY

EQUIPMENT MAINTENANCE
BUILDING #4
MAY 2008

Appendix "B"

	180DA	REBUILD DIFFERENTIAL	HIGHWAY
	236DA	ENGINE LIGHT ON	HIGHWAY
	00-I-16	SERVICE	HIGHWAY
	06-E-40	LEFTSIDE CARBIDE RUNNER	HIGHWAY
	01-E-83	ROAD SERVICE-TRAILING	HIGHWAY
	07-P-25	HOOK-UP TRAILER	HIGHWAY
	97-E-100	MAIN BROOM WON'T GO DOWN	HIGHWAY
5/23/2008	00-I-16	SERVICE	HIGHWAY
	97-E-100	MAIN BROOM WON'T GO DOWN	HIGHWAY
	01-E-83	CLEAN WATER SYSTEM	HIGHWAY
5/27/2008	00-I-19	SERVICE/BRAKES	HIGHWAY
	94-I-48	REPAIR EXHAUST	HIGHWAY
	96-I-20	SERVICE	HIGHWAY
	07-P-18	REPAIR TRAILER AIR HOSE	HIGHWAY
	01-E-83	ROAD SERVICE-TRAILING-DIRTSHOES	HIGHWAY
	97-JD-82	BUCKET HYDRAULIC LEAK	HIGHWAY
5/28/2008	01-E-83	TRAILING	HIGHWAY
	96-I-20	SERVICE	HIGHWAY
	97-JD-82	BUCKET HYDRAULIC LEAK	HIGHWAY
	06-E-40	MAIN/SIDE BROOMS	HIGHWAY
	00-I-19	SERVICE/BRAKES	HIGHWAY
5/29/2008	00-I-19	SERVICE/BRAKES	HIGHWAY
	96-I-20	SERVICE	HIGHWAY
	94-I-91	ADJUST AUX. ENGINE CLUTCH	HIGHWAY
	06-E-40	ROAD SERVICE-WATER SYSTEM	HIGHWAY
	65DA	REPAIR LIGHTS	FORESTRY
5/30/2008	00-I-19	SERVICE/BRAKES	HIGHWAY
	97-E-100	MAIN BROOM SOLENOID	HIGHWAY
	05-I-26	SERVICE	HIGHWAY
	01-F-41	CHECK LIGHTS	HIGHWAY
	180DA	REAR DIFF. REPAIR	HIGHWAY
	272DA	REAR FLAT TIRE	PARKS

VEHICLE MAINTENANCE REPORT						
BUILDING #6						
5/1/2008	DET	POLICE	SERVICE / DEAD BATTERY			
	129DA	POLICE	RUNS GOOD			
	261DA	POLICE	STEERING			
	422WLA	POLICE	STEERING			
	186DA	POLICE	FLAT TIRE			
	MOWER	WATER	R/C STUCK			
	COMPRES	WATER	R/C OUT OF FUEL			
5/2/2008	223DA	POLICE	FLAT TIRE			
	8DA	POLICE	SERVICE			
	340DA	WATER	SERVICE			
	55DA	WELFARE	CHECK TIRES & BRAKES			
5/5/2008	132DA	WATER	FUEL PUMP			
	4DA	POLICE	SERVICE			
	113DA	POLICE	SERVICE			
5/6/2008	113DA	POLICE	LIGHTS			
	205DA	HEALTH	FLAT TIRE			
	107DA	WATER	BRAKE LINE WINDOW			
5/7/2008	MOWER	WATER	HYD LEAK			
	131DA	POLICE	SERVICE			
	55DA	WELFARE	STEERING			
	DET	POLICE	EXHAUST			
5/8/2008	131DA	POLICE	EXHAUST			
	186DA	POLICE	SERVICE			
	104DA	HEALTH	TIRES			
	102DA	WATER	HYD			
	206DA	HWY	FUEL NECK			
5/9/2008	131DA	POLICE	EXHAUST			
	898-SOD	POLICE	SERVICE			
5/12/2008	107DA	WATER	BRAKE LINE WINDOW			
	228DA	POLICE	SERVICE BRAKES			
5/13/2008	228DA	POLICE	SERVICE BRAKES			
	107DA	WATER	BRAKE LINE WINDOW			
	223DA	POLICE	SERVICE			
5/15/2008	223DA	POLICE	SERVICE BRAKES			
	132DA	WATER	SERVICE			
5/19/2008	108DA	WATER	RELIEF	VALVE		
	338DA	POLICE	SERVICE			
	37981	SENIOR	EXHAUST			
5/20/2008	37981	SENIOR	SERVICE			
	191DA	ENG	RUNS POOR SERVICE			
	175DA	POLICE	SERVICE			
5/21/2008	DET	POLICE	ABS LIGHT			
	DET	POLICE	FRONT END			
	159DA	WATER	TRANNY			
	MOWER	WATER	NO START			
5/22/2008	159DA	WATER	TRANNY			
	334DA	POLICE	LIGHTS ENGINE LIGHT			
5/23/2008	334DA	POLICE	CHECK ENG. LITE			
	11DA	POLICE	BATTERY			
	75DA	POLICE	CHECK TIRES			