



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

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

July 24, 2006

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

RE: Report to the Common Council – Month of June 2006

Dear Mayor Boughton and Members of the Common Council

Enclosed is the monthly report to the Common Council for activities that took place in June 2006. In addition, there are reports of vehicles that were maintained by the Public Utilities and Equipment Maintenance Departments.

As of July 18, 2006 there are 66 hydrants out of service. Repairs to hydrants are continuing. I will be happy to review the information with you.

Sincerely,

David Day, P.E.
Superintendent

Enclosure
DD:sm
cc: Matt Isles
sm/c:/formsword/cc.doc



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TO : Common Council - City of Danbury
FROM : David Day, Superintendent of Public Utilities
DATE : July 24, 2006
RE : WATER DEPARTMENT REPORT : JUNE 2006

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>100.9</u>	MG.
B) West Lake Water Treatment Facility :	<u>132.2</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>8.7</u>	inches
B) Past Year (12 mos.) :	<u>67.8</u>	inches
C) Current Year (Jan.- Current Mo.) :	<u>32.5</u>	inches

III. WATER STORAGE :

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

date: 6/6/2006

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>4.79</u>	<u>MG.</u>
C) Shelter Rock Pump Station :	<u>1.54</u>	<u>MG.</u>
D) WestConn Pump Station :	<u>1.09</u>	<u>MG.</u>
E) Margerie Pump Station :	<u>0.46</u>	<u>MG.</u>
F) Pleasant Acres:	<u>2.42</u>	<u>MG.</u>
G) Nabby Road:	<u>1.01</u>	<u>MG.</u>
H) Harvest Hill:	<u>3.58</u>	<u>MG.</u>
I) West Lake High Service :	<u>66.8</u>	<u>MG.</u>

(MG. = Million Gallons)
(* = Estimated)

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	<u>0</u>	<u>MG.</u>
B) Padanaram to Margerie Reservoir :	<u>0</u>	<u>MG.</u>
C) Kohanza to West Lake Reservoir :	<u>0</u>	<u>MG.</u>
D) Kenosia Diversion to West Lake Reservoir :	<u>0</u>	<u>MG.</u>
E) Kenosia Wells to West Lake Reservoir :	<u>0</u>	<u>MG.</u>

(MG. = Million Gallons)

VI. ALGAE CONTROL :

- A) none
- B) _____
- C) _____

VII. SURVEY OF WATER SOURCES :

- A) Chlorination by-products (Trihalomethanes and Haloacetic acids) testing of distribution system.
- B) _____

VIII. SUPERINTENDENTS NOTES :



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M E M O R A N D U M

DATE: July 18, 2006
TO: City of Danbury, Common Council
FROM: David M. Day, P.E., Superintendent – June 2006

Complaints: 8

Number Received: 8

Number Completed: 8

Pipe Cleaned: 1,200 LF

Gallons of Water Used: 15,000

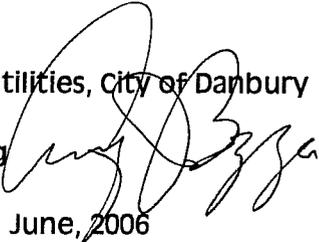
Pipe Inspected:

COMMENTS:



JUL 20 2006

Discard Date _____
Permanent _____
File Code _____

To: David Day, P.E., Supt. of Public Utilities, City of Danbury
From: Anthony J. Bozza, Project Manager 
Subject: WPCP Report For Month of: June, 2006
Date: 07/18/06

I. Wastewater Treatment:

A) Sewage Processed:	10.8 MGD (Daily Avg)	324.4 Million Gallons Total
B) Septic Waste Processed:		1,493,120 Gallons Total
C) Sludge Pumped To Digesters:		307,594 Pounds Total

II. Wastewater Quality	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	235	< 2	99	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	299	4	98.6	30 mg/l and 85%
C) Total Phosphorus (mg/l):		0.3		N/A
D) Ammonia (mg/l):	17.0	0.24	99	4.0 mg/l
E) Total Nitrogen (lbs/Day):	2,689	2,073	23	651 lbs/day
Note: Phosphorus limits apply May - September.			Nitrogen limit for credit trading only.	

III. Pump Station Operation:

A) Beaver Brook:	695.2 Hours Run
B) Southfield	24.6 Hours Run
C) Mill Plain:	729.2 Hours Run
D) Backus:	132.8 Hours Run
E) Tarrywile	74.7 Hours Run
F) Turner Road:	41.3 Hours Run
G) Ford Avenue:	25.4 Hours Run
H) Indian Glen:	101.0 Hours Run
I) Delay Street:	35.0 Hours Run
J) Hayestown Road:	41.9 Hours Run
K) Kenosia Avenue:	4.0 Hours Run
L) Larson Drive:	49.2 Hours Run
M) Landfill:	127.6 Hours Run

Total Station Alarms: 15

MAINTENANCE REPORT
 BUILDING #6
 June-2006

6/1/2006	7DA	POLICE	SERVICE
	334DA	POLICE	STEERING / LIGHTS
	9DA	POLICE	CHARGING SYS
	352DA	POLICE	STEERING COLUMN
		POLICE	RUNS ROUGH
	36DA	POLICE	FLAT TIRE
6/2/2006	9DA	POLICE	SERVICE
	6DA	POLICE	SERVICE/TUNE UP
		POLICE	RUNS ROUGH
	BOBCAT	WATER	FUEL
6/5/2006	277DA	WATER	REAR END
		POLICE	RUNS ROUGH
	6DA	POLICE	SERVICE TUNE UP
6/6/2006	8DA	POLICE	RUNS ROUGH
	240DA	POLICE	KEY SWITCH
	277DA	WATER	TIRS REMOVE BODY
6/8/2006	334DA	POLICE	STEERING
	14DA	POLICE	SERVICE
	277DA	WATER	BUILD BODY
6/9/2006	14DA	POLICE	SERVICE BRAKES
	18DA	POLICE	SERVICE BRAKES
	277DA	WATER	BUILD BODY
	167DA	PARKS	NO START
6/12/2006	167DA	PARKS	DISTRIBUTOR
		POLICE	A/C
	102DA	WATER	HYD PISTON
	287DA	POLICE	SERVICE
6/13/2006	223DA	POLICE	LIGHTS
		DET	EXHAUST
	167DA	PARKS	TRAILER BRAKES
	17DA	POLICE	SERVICE
6/14/2006		DET	EXHAUST
	334DA	POLICE	STEERING RACK
	192DA	AIRPORT	SERVICE
	167DA	PARKS	TRAILER BRAKES
6/15/2006	334DA	POLICE	STEERING RACK
	277DA	WATER	FILLER NECK
6/16/2006	223DA	POLICE	LIGHTS
	3CH546	SENIOR	A/C

6/19/2006	102DA	WATER	SERVICE
		DET	NO START
	205DA	HEALTH	BELT
	140DA	WATER	ALTERNATOR
6/20/2006	334DA	POLICE	STEERING
		DET	ALTERNATOR
	140DA	WATER	ALTERNATOR
6/21/2006	127DA	ZONING	FLAT TIRE
	334DA	POLICE	P/S PUMP
6/22/2006	12DA	POLICE	SERVICE/BRAKES
	276DA	WATER	ELECTRICAL SHORT
	13DA	POLICE	BRAKES
		POLICE	SURPLUS VEHICLES
6/23/2006	13DA	POLICE	SERVICE
	334DA	POLICE	STEERING
6/26/2006	353DA	POLICE	ENG. NOISE R/C
	21DA	HIWAY	LIGHTS
	334DA	POLICE	STEERING
6/27/2006	222DA	POLICE	SERVICE / BRAKES
	334DA	POLICE	STEERING
	858RFV	POLICE	ALTERNATOR
6/28/2006	13DA	POLICE	CHECK BRAKES
	TAHOE	POLICE	WIPERS / SERVICE
	166DA	WATER	SERVICE / TIRES
6/29/2006	287DA	POLICE	AIRBAG LITE
	166DA	WATER	BRAKES

EQUIPMENT MAINTENANCE

BUILDING #4

JUNE 2006

<u>DATE</u>	<u>VEHICLE</u>	<u>REPAIR DONE</u>	<u>DEPT.</u>
6/1/2006	05-I-46	REPLACE DUMP LEVER	HIGHWAY
	00-I-19	REPLACE WATER PUMP	HIGHWAY
	70-FL-00	BATTERY/HYD. LEAK	EQUIP MAINT
	06-E-40	WIRE IN SIDE BROOM	HIGHWAY
	01-E-83	ROAD SERVICE-A/C DRAIN	HIGHWAY
6/2/2006	111DA	SERVICE/OVERHEATS	BLDG INSP
	70-FL-00	HYDRAULIC LEAK	EQUIP MAINT
	111DA	OVERHEATING	BLDG INSP
	178DA	SECURE MOWER GUARD	HIGHWAY
	04-JD-67	REPLACE BUCKET TEETH	HIGHWAY
	97-I-27	ROAD SERVICE-BATTERIES	HIGHWAY
	94-I-91	SUCTION ELBOW/REEL BOLTS	HIGHWAY
6/5/2006	97-I-29	WHEEL SEAL	HIGHWAY
	96-I-33	FLYWHEEL	HIGHWAY
	05-I-34	ROAD SERVICE-JUMP START	HIGHWAY
	97-E-100	SERVICE/WATER LEAK	HIGHWAY
	90-I-17	SIDE DUMP HOSES/TRANS LEAK	HIGHWAY
	94-I-91	ADJUST AUX. ENGINE CLUTCH	HIGHWAY
	99-F-105	BACK-UP ALARM	HIGHWAY
	97-E-100	SERVICE/WATER LEAK	HIGHWAY
	99-F-105	LIGHTS/BACK-UP ALARM	HIGHWAY
	90-I-17	SIDE DUMP HOSES/TRANS LEAK	HIGHWAY
6/6/2006	PARKS MOWER	REPAIR TIRE	PARKS
	01-E-83	ROAD SERVICE-PTO FLUID	HIGHWAY
	00-I-19	ROAD SERVICE-LOW ON COOLANT	HIGHWAY
	178DA	MOMER SHIELD.HAMMERHEAD	HIGHWAY
	97-E-100	STRAIGHTEN BATTERY BOX	HIGHWAY
	252DA	SERVICE	PUBLIC BLDG
	42DA	WIPER BLADES	FORESTRY
	90-I-17	LIGHTS-ENGINE BRAKE	HIGHWAY
	181DA	ADJUST BRAKES	HIGHWAY
	01-E-83	PTO LEAK	HIGHWAY
6/8/2006	01-E-83	PTO LEAK/SIDE-MAIN BROOMS	HIGHWAY
	62DA	ADJUST CLUTCH	FORESTRY
6/9/2006	314DA	HAMMER ADAPTER	HIGHWAY
	06-JD-59	HYDRAULIC LEAK	HIGHWAY
	05-I-26	ROAD SERVICE-NO START	HIGHWAY
	97-JD-82	FUEL FILTER	HIGHWAY
	178DA	ROLLER BOLTS	HIGHWAY
	01-E-83	PTO/BROOMS/WATER PUMP	HIGHWAY
	05-I-26	ROAD SERVICE-NO START	HIGHWAY
	99-JD-57	SERVICE	HIGHWAY
	SHOP	MOUNT SPARE TIRES	EQUIP MAINT
	03-S-11	SERVICE-WHEEL/RIM	HIGHWAY
6/13/2006	06-E-40	SIDE BROOMS	HIGHWAY
	03-S-30	HYDRAULIC TANK GAUGE	HIGHWAY
	01-E-83	PTO/BROOMS/WATER PUMP	HIGHWAY
	248DA	SERVICE/EXHAUST	BLDG INSP
	03-S-11	SERVICE/REAR BRAKES	HIGHWAY
	30DA	ROAD SERVICE-JUMP START	FORESTRY
	89-F-109	REPAIR HYDRAULIC LEAK	PARKS

EQUIPMENT MAINTENANCE

BUILDING #4

JUNE 2006

	94-I-91	REPAIR RODDER HOSE END	HIGHWAY
	272DA	CHECK BRAKES	PARKS
6/14/2006	272DA	CHECK BRAKES	PARKS
	03-S-11	SERVICE/REAR BRAKES	HIGHWAY
	03-S-30	HYDRAULIC TANK GAUGE	HIGHWAY
	96-I-33	RE-INSTALL TRANSMISSION	HIGHWAY
	05-I-31	ROAD SERVICEGET STARTED	HIGHWAY
	06-E-40	ROAD SERVICE-TRAILING	HIGHWAY
	01-E-83	REPLACE TIRES	HIGHWAY
	90-I-17	JAKE BRAKE/LIGHTS/CABLES	HIGHWAY
	172DA	DUMP WON'T GO DOWN	PARKS
6/15/2006	06-E-40	TRAILING	HIGHWAY
	05-I-31	TAILGATE LATCHES	HIGHWAY
	97-E-100	CLEAN WATER NOZZLES	HIGHWAY
	90-I-17	JAKE BRAKE/LIGHTS/CABLES	HIGHWAY
	99-F-105	REPAIR HYDRAULIC FITTINGS	HIGHWAY
6/16/2006	90-I-17	JAKE BRAKE/LIGHTS/CABLES	HIGHWAY
	05-I-31	SERVICE	HIGHWAY
	178DA	WIRE IN FLAILHEAD	HIGHWAY
6/17/2006	96-I-33	INSTALL TRANSMISSION	HIGHWAY
	04-JD-67	SERVICE	HIGHWAY
	99-F-105	SERVICE	HIGHWAY
	326DA	DOOR LATCH	HIGHWAY
6/19/2006	326DA	DOOR LATCH	HIGHWAY
	00-I-7	TAILGATE LATCHES	HIGHWAY
	42DA	SERVICE	HIGHWAY
	181DA	REPLACE FUEL TANK SENDER	FORESTRY
	04-JD-67	ROAD SERVICE-TIRE PROBLEM	HIGHWAY
6/20/2006	181DA	REPLACE FUEL TANK SENDER	HIGHWAY
	06-E-40	SIDE BROOMS-A/C DRAIN	HIGHWAY
	56DA	FUEL TANK SENDER	PARKS
	92-F-74	REPAIR MUDFLAP	HIGHWAY
	90-I-17	ENGINE BRAKE	HIGHWAY
	05-I-26	ROAD SERVICE-NO START	HIGHWAY
	116DA	ROAD SERVICE-ACCIDENT	HIGHWAY
	97-I-27	STROBE LIGHT & SWITCH	HIGHWAY
	01-E-83	ROAD SERVICE-CONVEYOR	HIGHWAY
	00-I-8	DUMP BODY PIVOT PROBLEM	HIGHWAY
6/21/2006	00-I-8	DUMP BODY PIVOT PROBLEM	HIGHWAY
	01-E-83	REMOVE CONVEYOR FRAME	HIGHWAY
6/22/2006	97-E-100	SIDE BROOM	HIGHWAY
	00-I-8	DUMP BODY PIVOT PROBLEM	HIGHWAY
	178DA	CUTTERSHAFT BEARING	HIGHWAY
	198DA	INSTALL PLATES	PUBLIC BLDG
	97-E-100	ROAD SERVICE-TRAILING	HIGHWAY
6/23/2006	01-E-83	REMOVE CONVEYOR FRAME	HIGHWAY
6/26/2006	178DA	FLAILHEAD REPAIR	HIGHWAY
	94-I-91	SUCTION HOSE/REEL MOTOR	HIGHWAY
	134DA	STOPLIGHT OUT	HIGHWAY
	94-I-4	ROAD SERVICE-REPLACE BATTERIES	HIGHWAY
6/27/2006	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	94-I-4	REPLACE BATTERIES	HIGHWAY

EQUIPMENT MAINTENANCE

BUILDING #4

JUNE 2006



	326DA	REPLACE MIRROR	HIGHWAY
	178DA	CUTTERHEAD	HIGHWAY
	97-I-2	REPLACE FRONT TIRES	HIGHWAY
	96-I-20	REPLACE TIRES-FRONT/REAR	HIGHWAY
	97-C-58	WELD BUCKET PIN	HIGHWAY
6/28/2006	116DA	FLAILHEAD SKID BARS	HIGHWAY
	264DA	REPLACE ENGINE ASSEMBLY	HIGHWAY
	06-E-40	SIDE BROOMS	HIGHWAY
	03-I-9	ROAD SERVICE-JUMP START	HIGHWAY
	05-I-10	ROAD SERVICE-JUMP START	HIGHWAY
	272DA	MUDFLAP/TAILLIGHT	PARKS
	136DA	SERVICE/LIGHTS/DOORLOCK	BLDG INSP
	97-I-27	STARTER PROBLEM	HIGHWAY
6/29/2006	355DA	CHECK RIGHT SIDE DOOR SAG	HIGHWAY
	264DA	REPLACE ENGINE ASSEMBLY	HIGHWAY
	97-I-27	STARTER PROBLEM	HIGHWAY
	90-I-28	REPLACE MIRROR	HIGHWAY
	97-E-100	ROAD SERVICE-DRAGBOARD	HIGHWAY
6/30/2006	06-JD-59	REPAIR HYDRAULIC FITTINGS	HIGHWAY
	06-E-40	ROAD SERVICE-WATER SYSTEM	HIGHWAY
	03-F-35	STRAIGHTEN UTILITY BODY TOOLS	EQUIP MAINT