



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

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

August 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 July 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 July 2006. In addition, there are reports of vehicles that were maintained by the Public Utilities and Equipment Maintenance Departments.

As of August 24, 2006 there are 75 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: Antonio Iadarola, P.E.

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 : August 18, 2006

RE : WATER DEPARTMENT REPORT : JULY 2006

I. WATER PRODUCTION :

A) Margerie Water Treatment Facility :	<u>104.4</u>	<u>MG.</u>
B) West Lake Water Treatment Facility :	<u>142.7</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>3.4</u>	<u>inches</u>
B) Past Year (12 mos.) :	<u>67.1</u>	<u>inches</u>
C) Current Year (Jan.- Current Mo.) :	<u>35.9</u>	<u>inches</u>

III. WATER STORAGE :

A) Margerie Reservoir :	<u>100.0</u>	<u>%</u>	
B) West Lake Reservoir :	<u>100.0</u>	<u>%</u>	date: 7/3/2006
C) East Lake Reservoir :	<u>100.0</u>	<u>%</u>	
D) Total :	<u>100.0</u>	<u>%</u>	

IV. WATER PUMPED :

A) Park Avenue Pump Station :	<u>0</u>	<u>MG.</u>
B) Padanaram(High School) Pump Station :	<u>5.43</u>	<u>MG.</u>
C) Shelter Rock Pump Station :	<u>3.76</u>	<u>MG.</u>
D) WestConn Pump Station :	<u>0.84</u>	<u>MG.</u>
E) Margerie Pump Station :	<u>0.44</u>	<u>MG.</u>
F) Pleasant Acres:	<u>3.77</u>	<u>MG.</u>
G) Nabby Road:	<u>1.00</u>	<u>*MG.</u>
H) Harvest Hill:	<u>4.32</u>	<u>MG.</u>
I) West Lake High Service :	<u>67.7</u>	<u>MG.</u>

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

V. WATER TRANSFERRED :

A) East Lake to Margerie Reservoir :	<u>61.2</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) Margerie Reservoir - 6000 pounds of copper sulfate
- B) _____
- C) _____

VII. SURVEY OF WATER SOURCES :

- A) Daily testing of treated and untreated water by Water Quality Laboratory.
- B) _____

VIII. SUPERINTENDENTS NOTES :



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M E M O R A N D U M

DATE: August 10, 2006
TO: City of Danbury, Common Council
FROM: David M. Day, P.E., Superintendent – July 2006
RE: Sanitary Sewer Collection System Maintenance

Complaints: 10

Number Received: 10

Number Completed: 10

Pipe Cleaned: 1,400 LF

Gallons of Water Used: 13,000

Pipe Inspected:

COMMENTS:

Ohehyahtah Place – Cleaned main of roots and took camera down.



CITY OF DANBURY
PUBLIC UTILITIES

AUG 25 2006

Discard Date _____
Permanent _____
File Code _____

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

From: Anthony J. Bozza, Project Manager *Anthony Bozza*

Subject: WPCP Report For Month of: July, 2006

Date: 8/14/2006

I. Wastewater Treatment:

A) Sewage Processed:	9.6 MGD (Daily Avg)	297.5 Million Gallons Total
B) Septic Waste Processed:		1,100,180 Gallons Total
C) Sludge Pumped To Digesters:		334,184 Pounds Total

II. Wastewater Quality	Influent	Effluent	% Removal	Effluent Limit
A) BOD (mg/l)	218	<2	99	30 mg/l and 85%
B) Total Suspended Solids (mg/l):	270	3	98.9	30 mg/l and 85%
C) Total Phosphorus (mg/l):		0.4		N/A
D) Ammonia (mg/l):	19.0	0.68	96	4.0 mg/l
E) Total Nitrogen (lbs/Day):	2,685	2,661	1	651 lbs/day

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

III. Pump Station Operation:

A) Beaver Brook:	744.0 Hours Run
B) Southfield:	26.1 Hours Run
C) Mill Plain:	737.7 Hours Run
D) Backus:	137.7 Hours Run
E) Tarrywile	86.8 Hours Run
F) Turner Road:	39.5 Hours Run
G) Ford Avenue:	26.2 Hours Run
H) Indian Glen:	88.9 Hours Run
I) Delay Street:	66.5 Hours Run
J) Hayestown Road:	40.5 Hours Run
K) Kenosia Avenue:	4.6 Hours Run
L) Larson Drive:	57.9 Hours Run
M) Landfill:	136.7 Hours Run

Total Station Alarms: 10

EQUIPMENT MAINTENANCE - BUILDING #6

July 1, 2006

7/3/2006	204DA	HEALTH	RUNS POOR SERVICE
	5DA	POLICE	WINDOW MOTOR
7/5/2006	140DA	WATER	NO START R/C
	186DA	POLICE	ALTERNATOR
	5DA	POLICE	WINDOW MOTOR
	227DA	WATER	SERVICE
		POLICE	BATTERY R/C
7/6/2006	140DA	WATER	ALTERNATOR
	5DA	POLICE	WINDOW MOTOR
	186DA	POLICE	SERVICE
7/10/2006	37981	SENIOR	SERVICE BRAKES
		DET	TRANNY LEAK
7/11/2006	240DA	POLICE	SERVICE
	13DA	POLICE	SERVICE BRAKES
	8DA	POLICE	SERVICE
	3CH546	SENIOR	BRAKES SERVICE
7/12/2006	3CH546	SENIOR	BRAKES SERVICE
		DET	A/C
	8DA	POLICE	A/C
	157DA	POLICE	FUEL PUMP
7/13/2006	349DA	PARKS	WINDOW REGULATOR
		DET	A/C
	157DA	POLICE	SERVICE FUEL PUMP
7/14/2006	349DA	PARKS	WINDOW REGULATOR
		DET	A/C
	21DA	HWY	TRANNY
7/17/2006		DET	BLOWER MOTOR
	349DA	PARKS	TRAILER BRAKES
7/18/2006	349DA	PARKS	TRAILER BRAKES
	337DA	POLICE	LIGHTS ENGINE LIGHT
	21DA	HWY	TRANNY
7/19/2006	287DA	POLICE	OVERHEATING
		DET	BRAKES SERVICE
	349DA	PARKS	TRAILER BRAKES STARTER
7/20/2006	287DA	POLICE	OVERHEATING
		DET	BALL JOINTS
7/21/2006		DET	BALL JOINTS
		DET	BRAKES SERVICE
	MOWER	PARKS	A/C
7/24/2006	150DA	POOL	BRAKE LINE SERVICE
		DET	BALL JOINTS
		DET	BRAKES SERVICE
7/25/2006	8DA	POLICE	SERVICE
	15DA	POLICE	REAR END
		DET	SERVICE
	274DA	WELFARE	SERVICE
		DET	BRAKES SERVICE

7/26/2006	109DA	WATER	WIRE COMPUTER
	150DA	POOL	BRAKES SERVICE
		DET	ELECTRICAL
	186DA	POLICE	BLOWER MOTOR
7/27/2006	228DA	POLICE	SERVICE TIRES
	3DA	POLICE	SERVICE
	6DA	POLICE	SERVICE WINDOW
7/28/2006	6DA	POLICE	SERVICE WINDOW
	109DA	WATER	ELECTRICAL
	3DA	POLICE	SERVICE BRAKES
7/31/2006	285DA	AIRPORT	RUNS POOR SERVICE
		DET	ENGINE LIGHT SERVICE

EQUIPMENT MAINTAINCE
BUILDING #4
JULY 2006

<u>DATE</u>	<u>VEHICLE</u>	<u>REPAIR DONE</u>	<u>DEPT.</u>
7/3/2006	97-E-100	MAIN BROOM/Dragboard	HIGHWAY
	06-E-40	WIRE IN MAIN BROOM	HIGHWAY
	06-JD-59	HYDRAULIC LEAK REPAIR	HIGHWAY
	97-JD-82	SERVICE-CHECK STEERING	HIGHWAY
	04-JD-67	ROAD SERVICE-LOW TIRE/HYDRAULIC LEAK	HIGHWAY
	136DA	DOOR LATCH & HANDLE	BLDG INSP
	89-F-109	HYDRAULIC LEAK REPAIR	PARKS
7/5/2006	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	04-JD-67	HYDRAULIC LEAK REPAIR	HIGHWAY
	136DA	DOOR LATCH & HANDLE	BLDG INSP
	144DA	SERVICE-OVERHEATS	BLDG INSP
	70DA	BRAKE PROBLEM	HIGHWAY
	96-I-33	INSTALL TRANSMISSION	HIGHWAY
7/6/2006	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	96-I-33	INSTALL TRANSMISSION	HIGHWAY
	136DA	VIABRATION-REPLACE "U" JOINTS	BLDG INSP
	28DA	PUT SPARE TIRE ON	PARKS
	70DA	BRAKE PROBLEM	HIGHWAY
7/7/2006	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	90-I-44	FLAT TIRE-ADJUST BRAKES	HIGHWAY
	06-JD-59	REPAIR HYDRAULIC LEAK	HIGHWAY
	96-I-33	INSTALL TRANSMISSION	HIGHWAY
	70DA	BRAKE PROBLEM	HIGHWAY
	90-I-25	REMOVE WATER TANK	HIGHWAY
	97-E-100	ROAD SERVICE-WATER SYSTEM	HIGHWAY
	97-I-85	ADJUST BRAKES/TAIlgATE LATCHES	HIGHWAY
	05-I-32	ROAD SERVICE-STONE IN REAR TIRES	HIGHWAY
7/10/2006	286DA	SERVICE/SHIFTER PROBLEM	PUBLIC BLDG
	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	97-I-85	CHECK BRAKES/TAIlgATE LATCHES	HIGHWAY
	70DA	BRAKE PROBLEM	HIGHWAY
	97-E-100	SIDE BROOM/REPLACE LIGHT	HIGHWAY
	94-I-91	SUCTION COLLAR	HIGHWAY
	97-I-27	AIR LINE LEAK	HIGHWAY
	134DA	REPAIR LIGHTS	HIGHWAY
	96-I-20	REPAIR HORN	HIGHWAY
	05-I-34	HEADLIGHT OUT	HIGHWAY
	06-E-40	SIDE BROOM	HIGHWAY
	03-F-35	SET-UP FOR NIGHT WORK	EQUIP MAINT
7/11/2006	272DA	SERVICE/Front END/DOOR REPAIR/TIRES/MUDFLAP	PARKS
	48DA	BRAKES-4 WHEELS	HIGHWAY
	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	04-JD-67	REPAIR HORN/HYDRAULIC FITTINGS	HIGHWAY
7/12/2006	286DA	SERVICE/SHIFTER PROBLEM	PUBLIC BLDG
	272DA	SERVICE/Front END/DOOR REPAIR/TIRES/MUDFLAP	PARKS
	03-F-49	SERVICE	HIGHWAY
	214DA	REPLACE SIDE MIRROR	PUBLIC BLDG
	178DA	REPLACE ROLLER BRACKETS	HIGHWAY
	06-E-40	ROAD SERVICE-A/C	HIGHWAY
	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	99-JD-57	ROAD SERVICE-NO START	HIGHWAY

EQUIPMENT MAINTAINCE
BUILDING #4
JULY 2006

7/13/2006	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	99-JD-57	REPLACE BATTERIES	HIGHWAY
	99-F-105	REAR BRAKES	HIGHWAY
	97-E-100	CONVEYOR NOISE/LIGHT SWITCHES	HIGHWAY
	94-I-4	REPLACE SPOT MIRROR	HIGHWAY
	106DA	SIGNAL LIGHT OUT	HIGHWAY
	01-E-83	CONVEYOR	HIGHWAY
	06-E-40	SIDE BROOM INOP.	HIGHWAY
	93-IR-212	ROAD SERVICE-WATER SYSTEM	HIGHWAY
7/14/2006	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	272DA	REPAIR FLOOR/MUDFLAP	PARKS
	06-E-40	SIDE BROOM	HIGHWAY
	01-E-83	CONVEYOR	HIGHWAY
	05-I-26	ELECTRICAL	HIGHWAY
	85-F-43	REAR BRAKES	HIGHWAY
	32DA	STROBE LIGHT	PARKS
7/17/2006	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	85-F-43	REAR BRAKES	HIGHWAY
	96-I-33	STEEERING PROBLEM	HIGHWAY
	05-I-26	REPLACE BATTERIES	HIGHWAY
	90-I-17	CONVEYOR DOORS	HIGHWAY
	93-F-96	REPAIR LIGHTS	HIGHWAY
	116DA	ROAD SERVICE-DEBRIS IN FLAILHEAD	HIGHWAY
	97-E-100	ROAD SERVICE-CHECK BRAKES	HIGHWAY
	89-F-109	MIRROR/HYDRAULIC LEAK	PARKS
	04-JD-67	HYDRAULIC LEAK REPAIR	HIGHWAY
7/18/2006	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	93-F-96	REPAIR LIGHTS	HIGHWAY
	96-I-33	STEEERING PROBLEM	HIGHWAY
	85-F-43	REAR BRAKES	HIGHWAY
	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	06-E-40	SIDE BROOM	HIGHWAY
	05-E-22	REPAIR DEBRIS DOOR	HIGHWAY
	97-E-100	SIDE BROOM	HIGHWAY
7/19/2006	05-E-22	REPAIR DEBRIS DOOR	HIGHWAY
	85-F-43	REAR BRAKES	HIGHWAY
	04-JD-67	REPAIR HYDRAULIC LEAK	HIGHWAY
	97-C-58	ROAD SERVICE-JUMP START	HIGHWAY
	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	178DA	ROAD SERVICE-SWING PISTON	HIGHWAY
7/20/2006	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	264DA	REPLACE ENGINE ASSEMBLY	HIGHWAY
	85-F-43	REAR BRAKES	HIGHWAY
7/21/2006	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	272DA	BROKEN REAR SHOCK MOUNT	PARKS
	SIGN CREW	CUT BARS	HIGHWAY
	134DA	SPOT MIRROR	HIGHWAY
	85-F-43	REAR BRAKES	HIGHWAY
7/24/2006	171DA	ROAD SERVICE-JUMP START	HIGHWAY
	05-F-46	2 FRONT TIRES	HIGHWAY

EQUIPMENT MAINTAINCE
BUILDING #4
JULY 2006

	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	85-F-43	REAR BRAKES	HIGHWAY
	264DA	REPLACE ENGINE ASSEMBLY	AIRPORT
	01-E-83	CONVEYOR	HIGHWAY
	178DA	WIRE IN FLAILHEAD	HIGHWAY
	04-JD-67	ROAD SERVICE-HYDRAULIC LEAK	HIGHWAY
7/25/2006	04-JD-67	REPAIR HYDRAULIC LEAK	HIGHWAY
	01-E-83	CONVEYOR	HIGHWAY
	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	178DA	WELD CUTTERBLADE HEAD	HIGHWAY
	70-FL-00	REMOVE STEERING MOTOR/PISTON	EQUIP MAINT
	89-F-109	BROKEN BOLT ON ARM PIVOT	PARKS
	97-E-100	DRAGBOARD MISS ALIGNMENT	HIGHWAY
7/26/2006	06-E-40	MAIN/SIDE BROOMS-DRAGBOARD	HIGHWAY
	97-E-100	DRAGBOARD MISS ALIGNMENT	HIGHWAY
	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	06-JD-59	ROAD SERVICE-WIRE AROUND DRIVESHAFT	HIGHWAY
	178DA	ROAD SERVICE-BOOM DIPPER STICK PIN	HIGHWAY
	85-F-43	REAR BRAKES	HIGHWAY
	70-FL-00	REMOVE STEERING MOTOR/PISTON	EQUIP MAINT
	01-E-83	CONVEYOR	HIGHWAY
7/27/2006	97-JD-82	CHECK BRAKES/DIFF. GEAR OIL	HIGHWAY
	85-F-43	REAR BRAKES	HIGHWAY
	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	06-JD-59	DIFF. BREATHER HOSE	HIGHWAY
	01-E-83	CONVEYOR	HIGHWAY
	104DA	ADJUST BRAKES	HIGHWAY
	97-E-100	MAIN BROOM	HIGHWAY
7/28/2006	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	97-E-100	MAIN BROOM	HIGHWAY
	01-E-83	CONVEYOR	HIGHWAY
	97-JD-82	CHECK BRAKES/DIFF. GEAR OIL	HIGHWAY
	05-I-34	TRANSMISSION LEAK	HIGHWAY
	97-E-100	ROAD SERVICE-TRAILING	HIGHWAY
	116DA	FLAILHEAD BEARING NOISE	HIGHWAY
7/31/2006	01-E-83	CONVEYOR	HIGHWAY
	SANDERS	SEASONAL OVERHAUL	HIGHWAY
	116DA	FLAILHEAD BEARING NOISE	HIGHWAY
	30DA	ROAD SERVICE-BATTERY	FORESTRY
	239DA	ROAD SERVICE-OUT OF GAS	ENGINEERING
	05-I-34	TRANSMISSION LEAK	HIGHWAY