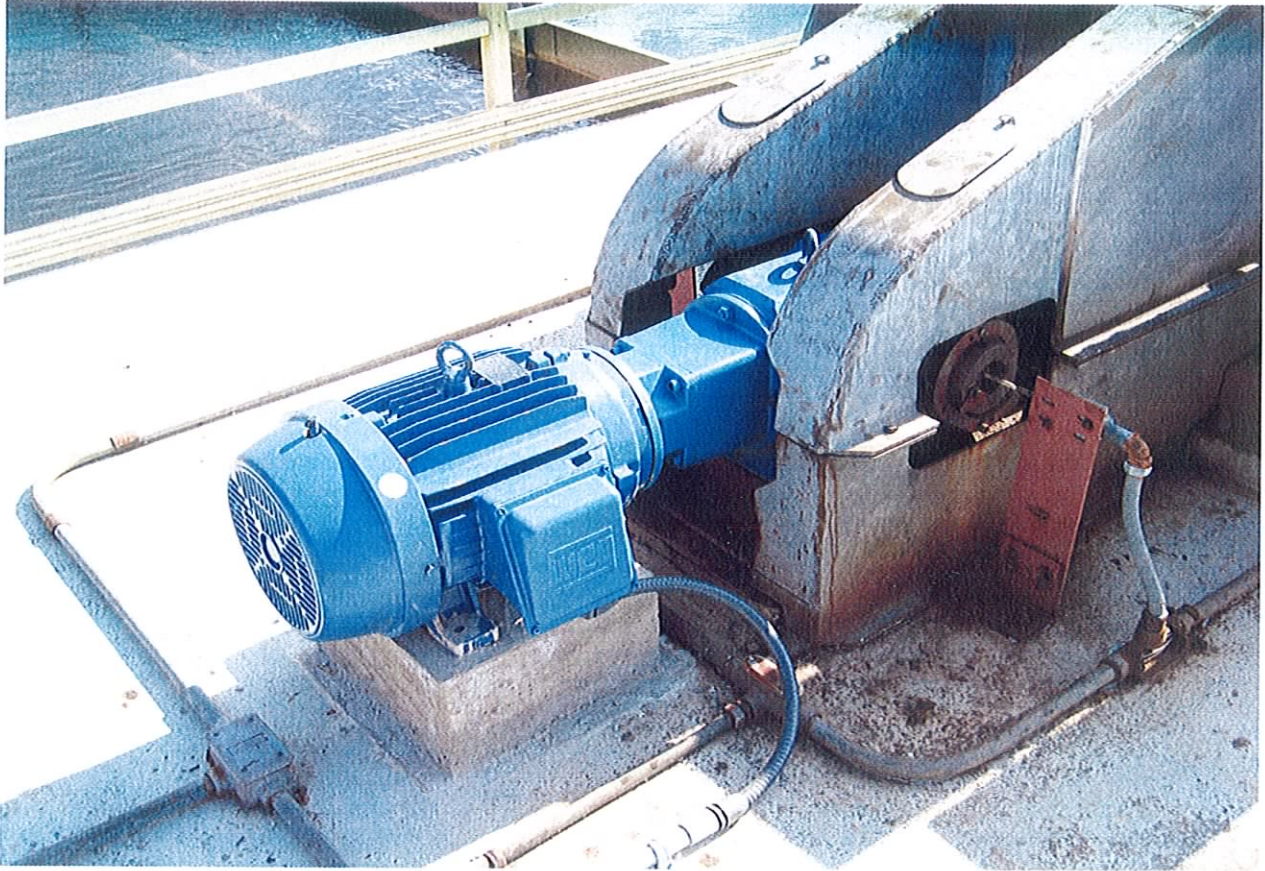


THE CITY OF HARRISBURG
DEPARTMENT OF PUBLIC WORKS
BUREAU OF WATER

MONTHLY REPORT



New Flocc Drive Motor and Adapter.

April 2011

Linda D. Thompson, Mayor
City of Harrisburg

J. Marc Kurowski, Chairman
The Harrisburg Authority

Ernest Hoch, Director
Department of Public Works

Raly Bey, Director
Bureau of Water

GENERAL

During the month of April 2011, the Bureau of Water met all Federal Safe Drinking Water Act Primary Water Quality Standards. Shown in Exhibit B, a total of 235.6 million gallons (MG) of water were treated and distributed to the Harrisburg Water System. A total of 246.93 MG were withdrawn from our water supply sources. A total of 246.93 MG were withdrawn from DeHart Reservoir; 0 MG were withdrawn from Susquehanna River; and United Water of Pennsylvania withdrew 0 MG via their raw water interconnect. Data collected through March is presented in Exhibit B with flows in MGD. The data is broken down into the DeHart Reservoir and Susquehanna River sources.

OPERATIONS

During the month of April 1, 2011 through April 30, 2011, the DeHart Water Treatment Train was in service thirty (30) days and the Susquehanna Water Treatment Train was in service zero (0) days. An estimated 3456.8 million gallons were released from the DeHart to Clark's Creek, averaging 113.4 MGD during the month. This down stream flow, which is received, by remote flow monitoring from the weir location and actual staff gauge readings, exceeded the flow required by the State Water Allocations Permit (Exhibit E).

During the month of April, the Hydro-Turbine generator operated for 30 days and produced 70,728 kWh (kilowatt-hours) with an anticipated savings of \$6,364 (refer to Exhibit G).

The DeHart watershed had above average rainfall in March (Exhibit C). The pH of the rainfall during this period was acidic, averaging 5.00 units, which is not uncommon in the Northeast Atlantic States. The DeHart water level increased (Exhibit D).

April 2011 Accomplishments

Operations Division

- Attended monthly Bureau Safety Committee and Staff meetings.
- Analyzed data gathered from reservoir and stream monitoring.
- Cleaned and calibrated all meters and probes used for sampling as required.
- Continued monitoring flow of Clark Creek entering the reservoir.
- Patrolled watershed as scheduled/required.
- Risk Management Plan update completed.

Water Quality Division

- Attended monthly Bureau Safety Committee and Staff meetings.
- Maintained the water quality control and assurance schedules.
- Prepared monthly reports for submittal to the DEP.
- Assisted other divisions as needed.
- Received Bids for the printing of 2010 CCR.

Maintenance Division

- Attended monthly Bureau Safety Committee and Staff meetings.
- Continued scheduled preventive maintenance, and repaired equipment as required.
- Started seasonal grass cutting and lawn maintenance.
- Installed 2 variable frequency drives on Floc Drives 301 A/B, and 302 A/B.
- Installed 2 new SEW adapters to direct couple the drive motors to Floc Drives 301 A/B, and 302 A/B.
- Installed 2 new WEG 15hp severe duty motors to the SEW adapters for Floc Drives 301 A/B, and 302 A/B.
- Install new ¾ " conduit for the 15hp WEG motors.
- Mounted angle iron to the concrete walls of the turbine building stair well, cut steel concrete decking to lay inside the angle iron, and poured 2.5 yards of concrete to enclose the open stairwell.
- Continued installing pallet racking in the 6 bay maintenance garage.
- Installed the angle sensor on the DeHart ATV.
- Performed scheduled cleaning duties at Bureau Facilities.
- Continued Pulpwood Harvest 5, 8, and 9.
- Continued to pick up trash along Route 325.
- Continued to locate the mountain line.
- Assisted other bureau divisions as required.

Distribution Metering Division

- Attended monthly Bureau Safety Committee and Staff meetings.
- Continued the sale of bulk water.
- Continued to work on the meter report forms and the vacant coded list.
- Assisted other Bureaus and Departments as required.
- Performed (472) service calls.

- Locating the 42" water main stating at Dehart Dam to Dauphin
- Removed fire hydrant for the Cameron and Paxton streets widening project.
- Removed 2 steam vent stacks for the Cameron and Paxton St project
- Cut & Cap a 6" water main for the Cameron & Paxton St. project
- Spring fire hydrant flushing started
- Harsco incident
- Assisted in flood detail

Goals for May 2011

Operations Division

- Attend monthly Bureau Safety Committee and Staff meetings.
- Monitor the reservoir for pH, algae and levels of stratification in order to determine appropriate intake levels and possible treatment.
- Continue to analyze data collected from stream and reservoir sampling.
- Run River pumps.

Water Quality Division

- Attend monthly Bureau Safety Committee and Staff meetings.
- Continue to maintain the water quality control and assurance schedules.
- Assist other Bureau divisions as needed.
- Submit draft of 2010 Consumer Confidence Report to printer.
- Collect and submit second quarter samples for TTHM's, HAA5's and TOC's.

Maintenance Division

- Attend monthly Bureau Safety Committee and Staff meetings.
- Continue scheduled preventive maintenance, and repair equipment as required.
- Continue seasonal grass cutting and lawn maintenance.
- Lay cinderblock walls on remaining open stairwell on turbine building, and install a 36" steel entry door.
- Lay cinderblock wall for the wash bay, in the 6 bat garage.
- Finish remaining pallet racking in the 6 bay maintenance garage.
- Replace the 4" gate valve and air/vacuum release in A/V pit # 5.
- Drain the 42" mountain line from Middle Paxton Elementary School to the underpass in Dauphin and inspect the source of the leak and repair same day if possible.
- Perform scheduled cleaning duties at Bureau Facilities.
- Continue Pulpwood Harvest 5, 8, and 9.
- Continue to pick up trash along Route 325.
- Continue to locate the mountain line.
- Assist other bureau divisions as required.

Distribution Metering Division

- Attend monthly Bureau Safety Committee and Staff meetings.

- Continue bulk water sales.
- Continue to work on the meter report forms, the vacant coded list, and street restorations.
- Continue to repair or replace fire hydrants as required.
- Continue to assist other departments and divisions as required.
- Continue to perform tap removals based on the demolition list
- Initiate spring flushing of fire hydrants in Distribution system.

EXHIBIT A

Process Control/Water Quality Analysis - 2011

PARAMETERS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Average	MCL Limits
<u>Total Coliform Presence/Absence</u>														
DeHart Influent	P	P	P	P									P	
Susquehanna Influent	NA	NA	NA	NA									NA	
Distribution System	A	A	A	A									<1	< 5% Positive
<u>Coloring Residual, mg/l Free</u>														
Filter Plant Effluent	1.79	1.79	1.77	1.84									1.80	
Distribution System	1.09	0.99	1.00	1.00									1.02	> 0.02
<u>Turbidity, NTU</u>														
Influent from DeHart	0.65	0.62	0.77	0.78									0.68	
Influent from Susquehanna	NA	NA	NA	NA									NA	
Filter Plant Effluent	0.06	0.06	0.05	0.04									0.05	<0.30
<u>pH, Std Units</u>														
Influent from DeHart	5.95	5.77	5.66	5.60									5.74	
Influent from Susquehanna	NA	NA	NA	NA									NA	
Filter Plant Effluent	7.78	7.80	7.83	7.88									7.82	
Distribution System	7.18	7.15	7.17	7.68									7.29	
<u>Total Alkalinity, mg/l</u>														
Influent DeHart, as CaCO3	5.31	5.32	5.05	4.41									5.02	
Influent Susquehanna, as CaCO3	NA	NA	NA	NA									NA	
Filter Plant Effluent, as CaCO3	14.35	14.59	14.56	13.38									14.22	
Distribution System	11.20	12.45	13.70	12.60									12.49	
<u>Temperature, C</u>														
Influent from DeHart	5.44	5.46	7.00	9.50									6.85	
Influent from Susquehanna	NA	NA	NA	NA									NA	
Filter Plant Effluent	5.12	5.46	6.76	9.33									6.67	
Distribution System	9.75	10.90	11.03	12.49									10.96	
<u>Fluoride, mg/l</u>														
Filter Plant Effluent	0.96	0.93	0.83	0.82									0.93	2.00
<u>Aluminum, mg/l</u>														
Filter Plant Effluent	0.03	0.02	0.02	0.03									0.03	0.20
<u>Iron, mg/l</u>														
Influent from DeHart	0.11	0.10	0.03	0.03									0.09	
Influent from Susquehanna	NA	NA	NA	NA									NA	
Filter Plant Effluent	0.01	0.01	0.01	0.01									0.01	0.30
Distribution System	0.03	0.09	0.03	0.04									0.05	0.30
<u>Total Dissolved Solids, mg/l</u>														
Influent from DeHart	14.89	15.68	15.15	14.21									14.98	
Influent from Susquehanna	NA	NA	NA	NA									NA	
Filter Plant Effluent	34.58	36.12	37.38	36.99									36.27	
Distribution System	35.20	36.64	37.70	37.56									36.78	
<u>Total Hardness, mg/l</u>														
Influent from DeHart	7.58	8.07	7.84	7.73									7.91	
Influent from Susquehanna	NA	NA	NA	NA									NA	
Filter Plant Effluent	15.42	15.56	16.42	16.45									15.96	
Distribution System	13.50	15.87	19.50	16.17									16.26	
<u>Orthophosphate, mg/l</u>														
Filter Plant Effluent	1.12	1.08	1.11	1.13									1.11	
Distribution System	1.16	1.13	1.20	1.36									1.21	
<u>Total Trihalomethanes, mg/l</u>														
Distribution System	0.03	NA	NA	NA									0.03	0.08
<u>Total Haloacetic Acids, mg/l</u>														
Distribution System	0.04	NA	NA	NA									0.04	0.06
<u>Total Organic Carbon, mg/l</u>														
Influent from DeHart	1.90	NA	NA	NA									1.90	
Influent from Susquehanna	NA	NA	NA	NA									NA	
Filter Plant Effluent	1.20	NA	NA	NA									1.20	
Average Filter Run, Hours	83.30	81.91	82.08	78.13									81.36	

Note: Total Hardness = Calcium Hardness + Magnesium Hardness, mg/l as CaCO3

* Running Annual Quarterly Average

EXHIBIT B

Flow Monitoring and Water Withdrawal Information 2011

Month	DeHart Total (MG)	DeHart Average (MGD)	River Total (MG)	River Average (MGD)	* U.W.P.A. Interconnect (MG)	Total Water Withdrawn (MG)	Total Water Withdrawn Avg. (MGD)	Finished Water (MG)	Finished Water (MGD)	Ten Year Average (MGD)	Process Water (MG)	Waste to Sewer (MG)
January	261.66	8.44	0.00	0.00	0.00	261.66	8.44	245.77	7.93	8.47	2.86	5.92
February	239.64	8.56	0.00	0.00	0.00	239.64	8.56	225.70	8.06	8.52	2.82	5.46
March	246.93	7.97	0.00	0.00	0.00	246.93	7.97	235.66	7.60	8.36	2.87	5.44
April	257.70	8.59	0.00	0.00	0.00	257.70	8.59	239.24	7.97	8.17	3.24	4.94
May										8.39		
June										8.75		
July										8.82		
August										8.83		
September										8.56		
October										8.06		
November										7.81		
December										7.85		
Total	1,005.93	33.55	0.00	0.00	0.00	1,005.93	33.55	946.37	31.57	100.59	11.79	21.76
Average	251.48	8.39	0.00	0.00	0.00	251.48	8.39	236.59	7.89	8.38	2.95	5.44

* U.W.P.A. Denotes United Water Pennsylvania

Peak Day Water Use for Report Month (MGD) 12.37 on 4/21/11

Minimum Day Water Use for Report Month (MGD) 5.23 on 4/24/11

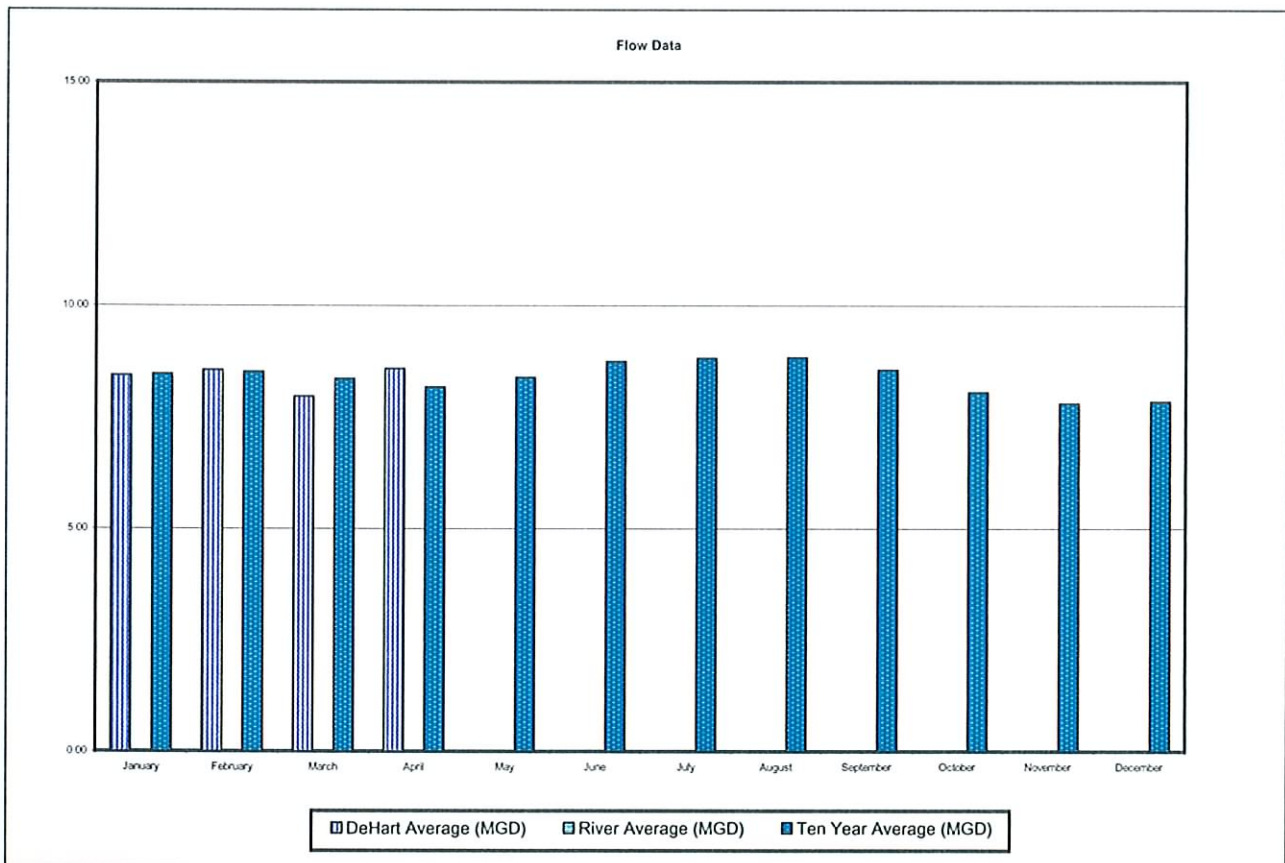


EXHIBIT C

Rainfall at the DeHart Reservoir - 2011

Date	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
2011 Total	1.71	2.77	10.49	11.53									26.5
Daily Average	0.055	0.098	0.338	0.384									0.22
Ten Year Average	3.29	2.62	3.62	4.68	3.84	5.59	4.96	4.25	5.5	5.34	3.84	4.31	51.84
2010 Total	3.78	2.41	4.57	2.11	4.19	1.9	7.89	2.59	3.68	6.38	2.78	4.08	46.36

Rainfall Trends
2011

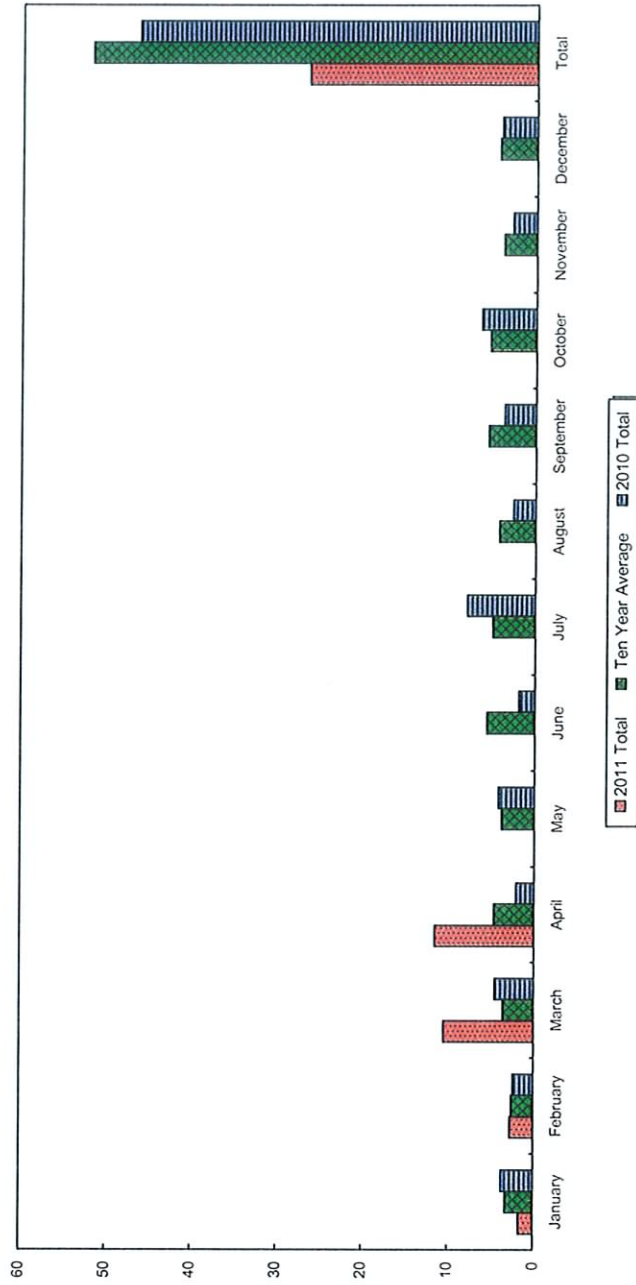


EXHIBIT D

Water Level at the DeHart Reservoir - 2010

Date	January	February	March	April	May	June	July	August	September	October	November	December
2011 AVG	-74.3	-83	-9.61	6.23								
Ten Year AVG	-43.59	-41.06	-30.96	-16.62	-14.38	-17.01	-29.03	-45.54	-63.99	-76.78	-81.38	-68.66
2010 AVG	3.83	3.03	4.93	3.1	2.06	-9.93	-29.41	-53.25	-84.03	-97.16	-114.3	-78.6

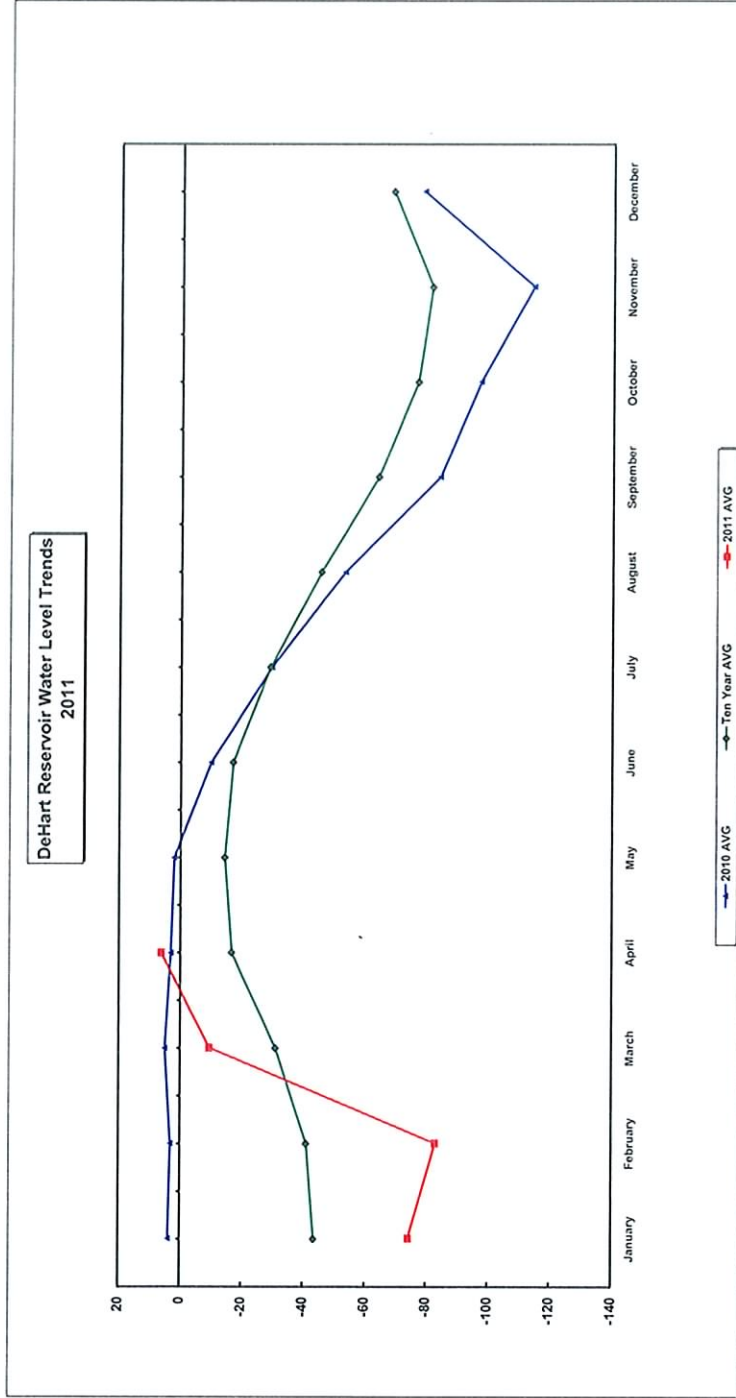


EXHIBIT E

Maintenance of Minimum Daily Conservation Release - 2011

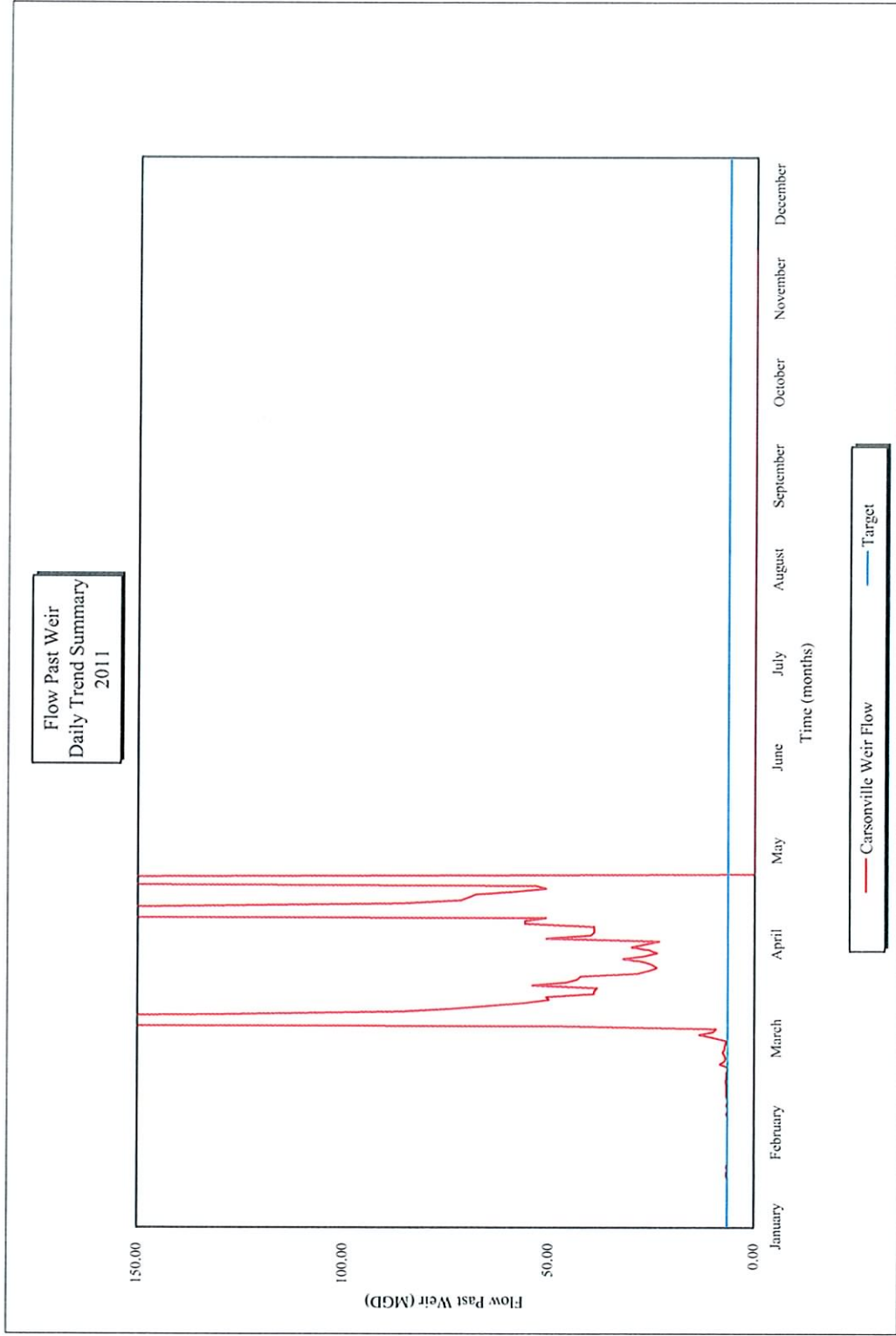


EXHIBIT F
Utility Usage - 2011

Location / Utility	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
<u>Dr. Robert E. Young Water Services Center</u>														
Electric														
Total, kWh	133,200	118,800	127,800										126,600	379,800
Average, kWh/Day	4,297	4,243	4,123										4,221	
Cost, Dollars	\$11,849.28	\$13,450.63	\$12,056.92										\$12,452.28	\$37,356.83
Natural Gas														
Total, Cu Ft	1,411,000	1,285,000	1,019										899,006	2,697,019
Average, Cu Ft/Day	45,516	45,893	33										30,481	
Cost, Dollars	\$17,714.97	\$12,430.49	\$6,257.01										\$12,134.16	\$36,402.47
Potable Water														
Total, Gal	6,200	5,300	7,700	5,700									6,225	24,900
Average, Gal/Day	200	189	248	190									207	
Cost, Dollars	\$31.46	\$23.38	\$33.97	\$25.15									\$28.49	\$113.96
<u>Reservoir Park Pump Station</u>														
Electric														
Total, kWh	84,800	96,000	84,400										88,400	265,200
Average, kWh/Day	2,735	3,429	2,723										2,962	
Cost, Dollars	\$8,304.58	\$8,613.94	\$12,365.29										\$9,761.27	\$29,283.81
Natural Gas														
Total, Cu Ft	48	41	29										39	118
Average, Cu Ft/Day	2	1	1										1	
Cost, Dollars	\$592.01	\$335.75	\$154.46										\$360.74	\$1,082.22
Potable Water														
Total, Gal	9,673	5,597	7,130	3,820									6,555	26,220
Average, Gal/Day	312	200	230	127									217	
Cost, Dollars	\$49.08	\$24.69	\$31.46	\$16.85									\$30.52	\$122.09
<u>Saugubanna River Pump Station</u>														
Electric														
Total, kWh	600	600	600	600									600	1,800
Average, kWh/Day	19	21	19	19									20	
Cost, Dollars	\$73.44	\$91.79	\$96.28	\$94.22									\$88.93	\$282.29
Natural Gas														
Total, Cu Ft	7,600	7,600	63										5,088	15,263
Average, Cu Ft/Day	245	271	2										173	
Cost, Dollars	\$923.29	\$621.51	\$334.38										\$626.39	\$1,879.18
Potable Water														
Total, Gal	200	100	200	1,600									525	2,100
Average, Gal/Day	6	4	6	53									17	
Cost, Dollars	\$1.01	\$0.44	\$0.88	\$7.06									\$2.35	\$9.40
<u>Union Square Booster Station</u>														
Electric														
Total, kWh	3,084	3,168	2,850	1,907									2,752	11,009
Average, kWh/Day	99	113	92	62									92	
Cost, Dollars	\$331.64	\$422.05	\$330.73	\$236.32									\$330.19	\$1,320.74
Delbart Facilities														
Electric														
Total, kWh	7,019	4,022	6,055	5,285									5,595	22,381
Average, kWh/Day	226	144	195	170									184	
Cost, Dollars	\$757.32	\$390.72	\$695.17	\$610.22									\$613.36	\$2,453.43
Fuel Oil														
Total, Gals.	1,500	1,000	1,000	750									1,063	4,250
Average, Gals/Day	48	36	36	25									36	
Cost, Dollars	\$4,485.00	\$2,990.00	\$2,242.50	\$2,242.50									\$3,176.88	\$12,707.50
<u>City Island Heat Trace</u>														
Electric														
Total, kWh	397	350	351	325									356	1,423
Average, kWh/Day	13	13	11	10									12	
Cost, Dollars	\$56.60	\$81.42	\$75.46	\$72.96									\$71.61	\$286.44
Expenditures YTD	\$45,169.68	\$39,476.82	\$35,422.01	\$33,305.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,281.15	\$123,373.80

Exhibit G

Hydro-Turbine Generator Performance 2011

Month	Kilowatt-hour (KWH)	Anticipated Savings *
January	71,232	\$6,409
February	89,183	\$8,025
March	70,728	\$6,364
April	28,412	\$2,557
May		
June		
July		
August		
September		
October		
November		
December		
Average	64,889	\$5,839
Year to Date	259,555	\$23,355

* Anticipated savings calculated by multiplying the KWH by the average electrical rate of \$0.08998

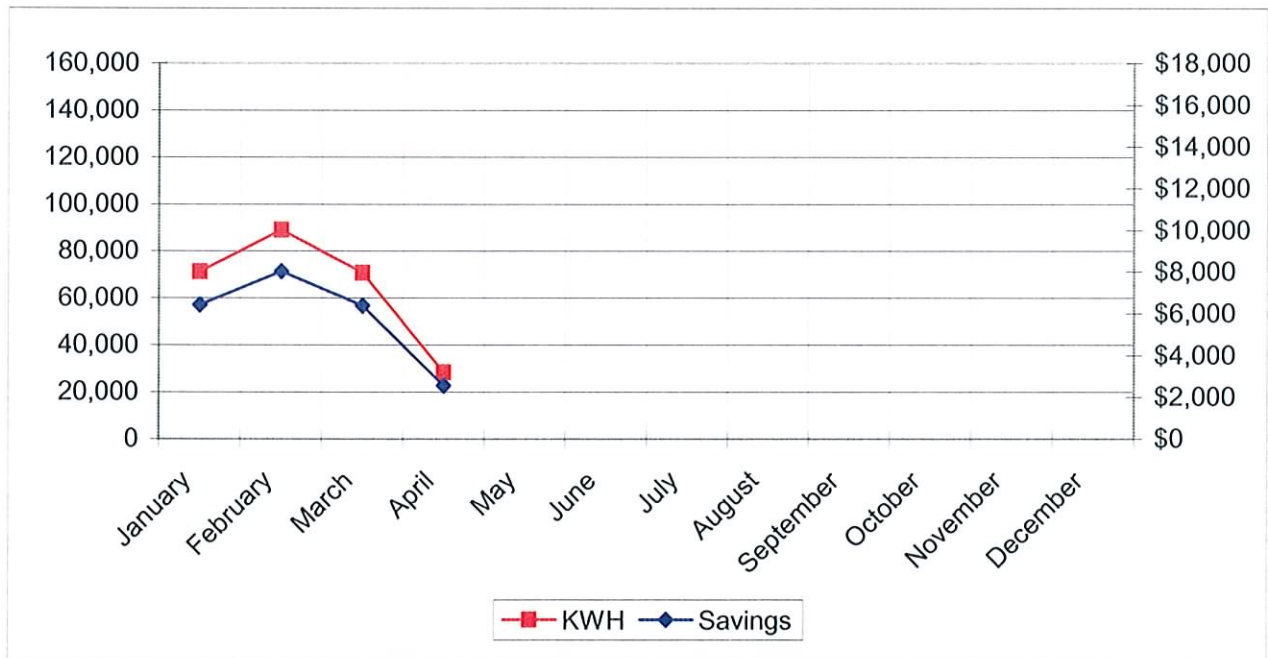


EXHIBIT H

Treatment Chemical Usage - 2011

Chemical	January	February	March	April	May	June	July	August	September	October	November	December	Average	Total
Chlorine														
Total, Lbs.	5,660	5,130	5,460	5,949									5,550	22,199
Average, Lbs./Day	183	183	176	198									185.1	
Dose, mg/l	2.6	2.6	2.7	2.8									2.6	
Cost, \$/Lbs.	\$0.33	\$0.33	\$0.33	\$0.33									\$0.33	
Total Cost, Dollars	\$1,839.50	\$1,667.25	\$1,774.50	\$1,933.43									\$1,803.67	\$7,214.68
Alum														
Total 50 wt.% Al ₂ SO ₄ * 14.3 H ₂ O	5,314	4,715	5,423	6,649									5,525	22,101
Avg Alum, Gals./Day	171	168	175	222									184.1	
Alum, mg/l	13.1	12.7	14.1	16.6									14.1	
Alum Cost, \$/Gal.	\$0.64	\$0.64	\$0.64	\$0.64									\$0.64	
Alum Total Cost, Dollars	\$3,414.08	\$3,029.24	\$3,484.11	\$4,271.78									\$3,549.80	\$14,199.21
Lime														
Total Ca(OH) ₂ , Lbs.	10,230	9,077	10,440	12,800									10,637	42,547
Average Lime, Lbs./Day	330	324	337	427									354.4	
Lime Dose, mg/l	4.7	4.5	5.1	6.0									5.1	
Lime Cost, \$/Lbs.	\$0.08	\$0.08	\$0.08	\$0.08									\$0.08	
Lime Total Cost, Dollars	\$849.09	\$753.39	\$866.52	\$1,062.40									\$882.85	\$3,531.40
Soda Ash														
Total Na ₂ CO ₃ , Lbs.	15,500	16,000	17,700	14,480									15,920	63,680
Avg Soda Ash, Lbs./Day	500	571	571	483									531.3	
Soda Ash Dose, mg/l	7.1	8.0	8.6	6.7									7.6	
Soda Ash Cost, \$/Lbs.	\$0.23	\$0.23	\$0.23	\$0.23									\$0.23	
Soda Ash Total Cost, Dollars	\$3,548.73	\$3,663.20	\$4,052.42	\$3,315.20									\$3,644.88	\$14,579.54
Fluoride														
Total \$9.8 wt. % Na ₂ SF ₆ Lbs	2,665	2,475	2,505	2,430									2,519	10,075
Average, Fluoride Lbs./Day	86	88	81	81									84.0	
Fluoride (F-) Dose, mg/l	0.7	0.7	0.7	0.7									0.7	
Fluoride Cost, \$/Lbs.	\$0.44	\$0.44	\$0.44	\$0.44									\$0.44	
Fluoride Total Cost, Dollars	\$1,177.56	\$1,093.61	\$1,106.87	\$1,073.73									\$1,112.94	\$4,451.76
Sodium Hydroxide														
Total 50 wt.% NaOH Gals	593	493	653	772									628	2,511
Avg NaOH, Gals./Day	19	18	21	26									20.9	
NaOH, mg/l	1.7	1.6	2.0	2.3									1.9	
NaOH 50 wt. % Cost, \$/Gal.	\$2.66	\$2.66	\$2.66	\$2.66									\$2.66	
NaOH Total Cost, Dollars	\$1,578.51	\$1,312.32	\$1,738.22	\$2,054.99									\$1,671.01	\$6,684.04
Zinc Orthophosphate														
Total Zn ₃ (PO ₄) ₂ , Lbs.	7,363	6,891	7,309	7,490									7,263	29,053
Avg Zn ₃ (PO ₄) ₂ , Lbs./Day	238	246	236	250									242.3	
Zn ₃ (PO ₄) ₂ Dose, mg/l	3.4	3.4	3.5	3.5									3.5	
Zn ₃ (PO ₄) ₂ Cost, \$/Lbs.	\$0.47	\$0.47	\$0.47	\$0.47									\$0.47	
Zn ₃ (PO ₄) ₂ Total Cost, Dollars	\$3,460.61	\$3,238.77	\$3,435.23	\$3,520.30									\$3,413.73	\$13,654.91
Potassium Permanganate														
Total KMnO ₄ , Lbs.	0	0	0	0									0	0
Avg KMnO ₄ , Lbs./Day	0	0	0	0									0.0	
KMnO ₄ Dose, mg/l	0.0	0.0	0.0	0.0									0.0	
KMnO ₄ Cost, \$/Lbs.	\$2.10	\$2.10	\$2.10	\$2.10									\$2.10	
KMnO ₄ Total Cost, Dollars	\$0.00	\$0.00	\$0.00	\$0.00									\$0.00	\$0.00
Expenditures YTD	\$15,868.08	\$14,757.78	\$16,457.86	\$17,231.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,078.89	\$64,315.54
Average Flow Withdrawn (MGD)	8.44	8.56	7.97	8.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.55	

EXHIBIT K

Miscellaneous Water Usage (gals) 2011

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total	Average
Main Leaks	265,491	0	0	11,750,508									12,015,999	3,004,000
Service Leaks	1,812,384	264,600	310,032	86,704									2,475,720	618,930
Fires	9,895	4,650	5,609	3,250									23,404	5,851
Street Sweepers	4,240	7,180	12,580										24,000	8,000
AWTF unmetered	0	2,700	3,200										5,900	1,967
Special Events	0	0	0	0									0	0
Lab and Instr. taps	557,256	475,951	581,866	488,808									2,083,881	520,970
High Resvyr Leakage	527,497	548,104	530,008	613,980									2,219,589	554,897
Bulk Water	12,080	20,869	67,268	253,200									353,417	88,354
Flushing	0	0	0	0									0	0
Flow Tests	0	1,500	1,000	500									3,000	750
Vacancies/service leaks	0	2,571,480	2,268,000	4,412,520									9,252,000	2,313,000
Hydrant connections	0	2,000	0	0									2,000	500
Total	3,188,843	3,899,034	3,779,563	17,591,470	0	0	0	0	0	0	0	0	28,458,910	547,478

EXHIBIT L

Revenue Report For The Year Ending December 31, 2011

<u>Account Description</u>	<u>Adjusted Budget</u>	<u>April Revenue</u>	<u>Year to Date Revenue</u>	<u>Budget Balance</u>
Interest - Savings Account	\$0.00	\$80.12	\$477.08	-\$477.08
Interest - Other	\$0.00	\$0.01	\$0.06	-\$0.06
Total Interest Income	\$0.00	\$80.13	\$477.14	-\$477.14
Water Revenue Sale of Assets	\$0.00	\$0.00	\$0.00	\$0.00
Total Rental Revenue	\$0.00	\$0.00	\$0.00	\$0.00
Metered/Unmetered Water Sales Ready to Serve	\$0.00	\$6,555.00	\$19,792.69	-\$19,792.69
Metered Water Sales	\$0.00	\$1,648.47	\$3,742.47	-\$3,742.47
Mild Wat Ready to Serve	\$0.00	\$716,582.62	\$3,038,591.06	-\$3,038,591.06
Meter Sales Revenue	\$0.00	\$303,241.04	\$1,356,688.08	-\$1,356,688.08
Sale of Water Parts	\$0.00	\$7.00	\$14.00	-\$14.00
Water Conservation Device Sales	\$0.00	\$0.00	\$14.00	-\$14.00
Fire Line Charges	\$0.00	\$0.00	\$0.00	\$0.00
Other Hbg. Water Operational Revenue	\$0.00	\$8,064.67	\$276,814.75	-\$276,814.75
Water Tapping Fees	\$0.00	\$3,575.61	\$17,446.16	-\$17,446.16
Water Service Initiation Fee	\$0.00	\$250.00	\$900.00	-\$900.00
Water Restoration	\$0.00	\$50.00	\$75.00	-\$75.00
Water Termination Fee	\$0.00	\$6,437.88	\$26,816.66	-\$26,816.66
Harrisburg Water Liens-Principal Revenue	\$0.00	\$0.00	\$100.00	-\$100.00
Hbg. Water Liens-Interest Revenue	\$0.00	\$7,968.20	\$23,412.15	-\$23,412.15
		\$2,615.65	\$4,062.75	-\$4,062.75
Total Hbg. Water Utility Fund	\$0.00	\$1,056,996.14	\$4,768,469.77	-\$4,768,469.77
Metered/Unmetered Susq. Water Sales	\$0.00	\$98,770.98	\$432,161.79	-\$432,161.79
Susquehanna Ready to Serve	\$0.00	\$33,476.25	\$135,783.99	-\$135,783.99
Total Susquehanna Water Revenue	\$0.00	\$132,247.23	\$567,945.78	-\$567,945.78
Reimbursement for Loss	\$0.00	\$39.79	\$14,572.01	-\$14,572.01
Refund of Expenditures	\$0.00	\$50.00	\$200.00	-\$200.00
Total Miscellaneous	\$0.00	\$89.79	\$14,772.01	-\$14,772.01
Total THA Water Utility Fund	\$5,594,573.00	\$1,189,413.29	\$5,351,664.70	-\$5,351,664.70

EXHIBIT M

Expenditure Report For The Year Ending December 31, 2011

Account Description	Adjusted Budget	April Expenditure	April Encumbrance	Year to Date Expenditure	Budget Balance
Administration Division					
Salaries & Wages	\$287,600.00	\$16,931.90	\$0.00	\$76,664.96	\$210,935.04
Fringe Benefits	\$154,789.00	\$10,115.31	\$1,650.00	\$28,768.55	\$124,370.45
Communications	\$25,000.00	\$7,741.83	\$4,195.00	\$10,297.10	\$10,507.90
Professional Fees	\$52,500.00	\$0.00	\$9,200.00	\$5,000.00	\$38,300.00
Insurance	\$118,072.00	\$1,478.18	\$0.00	\$51,215.25	\$66,856.75
Maintenance & Repairs	\$65,200.00	\$868.46	\$1,402.92	\$26,837.81	\$36,959.27
Contracted Services	\$319,584.92	\$1,307.17	\$7,529.94	\$165,517.45	\$146,537.53
Supplies & Expenses	\$79,230.08	\$9,871.65	\$18,836.40	\$10,433.94	\$49,959.74
Payments Other Transfers - THA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Equipment - Lease/Purchase	\$72,533.00	\$0.00	\$0.00	\$35,356.68	\$37,176.32
Total Administration Division	\$1,174,509.00	\$48,314.48	\$42,814.26	\$410,091.74	\$721,603.00
Distribution/Metering Division					
Salaries & Wages	\$551,380.00	\$44,673.53	\$0.00	\$198,394.60	\$352,985.40
Fringe Benefits	\$209,519.00	\$19,815.41	\$0.00	\$55,698.45	\$153,820.55
Communications	\$2,550.00	-\$4.94	\$0.00	\$208.85	\$2,341.15
Rentals	\$2,700.00	\$0.00	\$0.00	\$0.00	\$2,700.00
Maintenance & Repairs	\$17,000.00	\$0.00	\$5,194.23	\$805.77	\$11,000.00
Contracted Services	\$746,802.00	\$0.00	\$0.00	\$397,949.90	\$348,852.10
Supplies & Expenses	\$186,950.00	\$2,835.68	\$126,267.47	\$8,464.29	\$52,218.24
Equipment - Lease/Purchase	\$30,749.00	\$0.00	\$0.00	\$15,374.64	\$15,374.36
Total Distribution/Metering Division	\$1,747,650.00	\$67,319.68	\$131,461.70	\$676,896.50	\$939,291.80
Operations:					
Salaries & Wages	\$917,517.00	\$65,290.51	\$0.00	\$287,530.48	\$629,986.52
Fringe Benefits	\$279,649.00	\$27,268.36	\$0.00	\$74,128.50	\$205,520.50
Communications	\$1,725.00	\$42.37	\$0.00	\$255.72	\$1,469.28
Professional Fees	\$4,000.00	\$0.00	\$0.00	\$0.00	\$4,000.00
Utilities & Service	\$672,000.00	\$65,128.46	\$20,139.15	\$233,602.35	\$418,258.50
Rentals	\$350.00	\$43.17	\$0.00	\$79.44	\$270.56
Maintenance & Repairs	\$31,350.00	\$610.15	\$32,759.03	\$1,951.27	\$16,639.70
Contracted Services	\$367,631.00	\$0.00	\$0.00	\$196,600.06	\$171,030.94
Supplies & Expenses	\$306,350.00	\$14,477.09	\$229,407.50	\$49,154.75	\$27,787.75
Equipment - Lease/Purchase	\$71,842.00	\$0.00	\$0.00	\$25,921.12	\$45,920.88
Capital	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Operations/Maintenance Division	\$2,672,414.00	\$172,860.11	\$282,305.68	\$869,223.69	\$1,520,884.63
Total Expenditure	\$5,594,573.00	\$288,494.27	\$456,581.64	\$1,956,211.93	\$3,181,779.43