FINANCE & BUSINESS REPORT
May 2014
Dale Langferman
Manager of Finance & Business Operations

Income continues to come in as planned, and we are currently 1.4% favorable to the plan. Expenditures are slightly over plan at this point, with the current variance being 3.0% unfavorable to plan. Almost 40% of the variance is due to depreciation expenses. Since depreciation is an estimate and does not affect cash, we will be proposing a revision of the 2014 plan to accurately portray the depreciation expense. Cash is positive in that we currently have $290,000 more now that when we started the year.

As I mentioned above, we are requesting approval of a revised 2014 budget that accurately reflects our 2014 depreciation expenses. The request is included with this mailing.

As always, please review the attachments and let me know if you have any questions.

Water Income Comparison
Y T D as of 5/31/14

	2014 Plan	2013 Actual	2014 Actual	2013 Act. Vs 2014 Act. Diff	2014 Plan vs 2014 Actual Diff	Fav/(unfav)
Residential	$ 819,000	$ 831,221	$ 856,742	$ 25,521	$ 37,742	4.6%
Industrial	$ 272,000	$ 267,818	$ 271,984	$ 4,166	$ (16)	0.0%
Fire Prot.	$ 271,500	$ 270,118	$ 292,225	$ 22,107	$ 20,725	7.6%
Commercial	$ 149,000	$ 147,281	$ 132,163	$ (15,118)	$ (16,837)	-11.3%
Spec. Contr.	$ 71,000	$ 71,071	$ 81,849	$ 10,778	$ 10,849	15.3%
Other	$ 176,615	$ 178,525	$ 154,559	$ (23,966)	$ (22,056)	-12.5%
Total	$ 1,759,115	$ 1,766,034	$ 1,789,522	$ 23,488	$ 30,407	1.7%

Figure 1a: Water Income Table

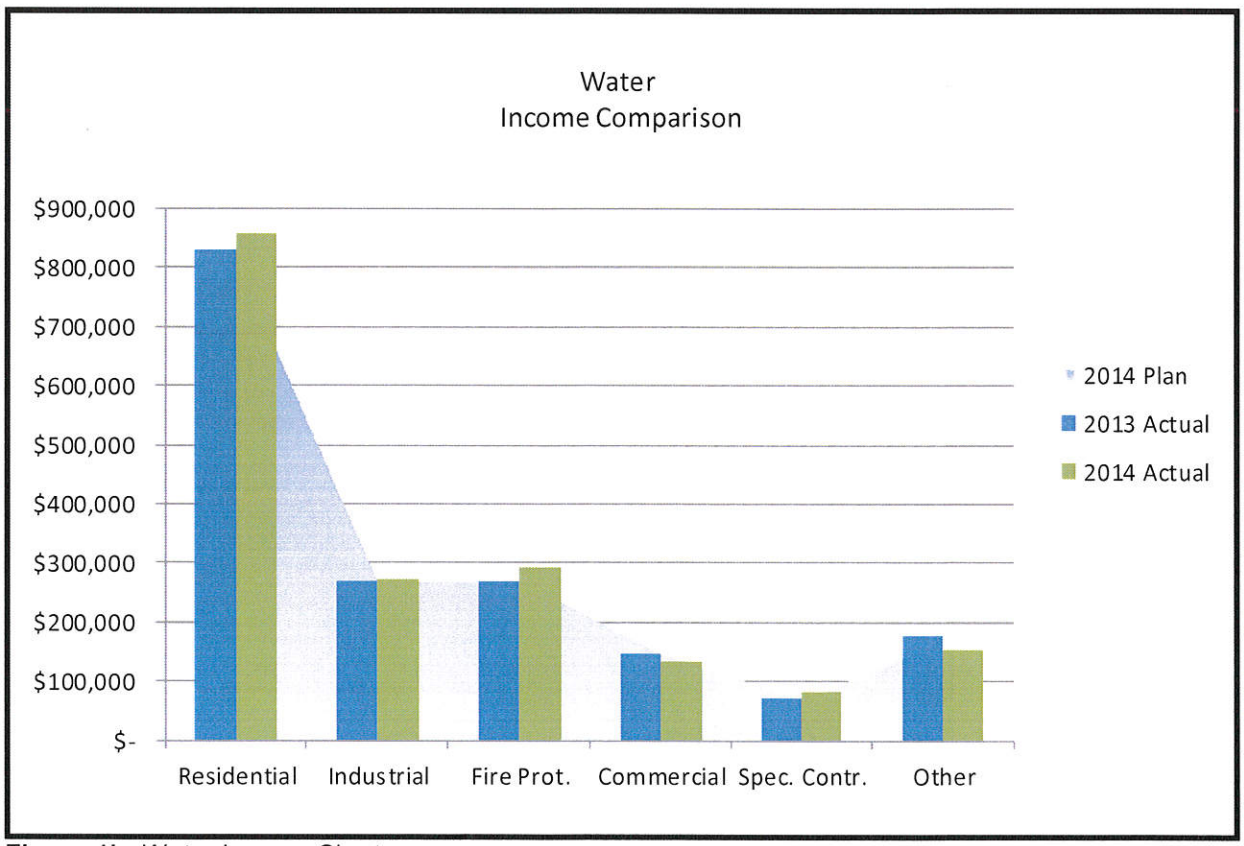


Figure 1b: Water Income Chart

Wastewater Income Comparison
Y T D as of 5/31/14

	2014 Plan	2013 Actual	2014 Actual	2013 Act. Vs 2014 Act. Diff	2014 Plan vs 2014 Actual Diff	Fav/(unfav)
Residential	$ 2,795,000	$ 2,815,397	$ 2,830,417	$ 15,020	$ 35,417	1.3%
Industrial	$ 882,142	$ 979,598	$ 904,972	$ (74,626)	$ 22,830	2.6%
Fire Prot.	$ -	$ -	$ -	$ -	$ -	
Commercial	$ 508,000	$ 508,922	$ 508,327	$ (595)	$ 327	0.1%
Spec. Contr.	$ 237,000	$ 231,678	$ 219,348	$ (12,330)	$ (17,652)	-7.4%
Other	$ 197,200	$ 244,044	$ 214,018	$ (30,026)	$ 16,818	8.5%
Total	$ 4,619,342	$ 4,779,639	$ 4,677,082	$ (102,557)	$ 57,740	1.2%

Figure 2a: Wastewater Income Table

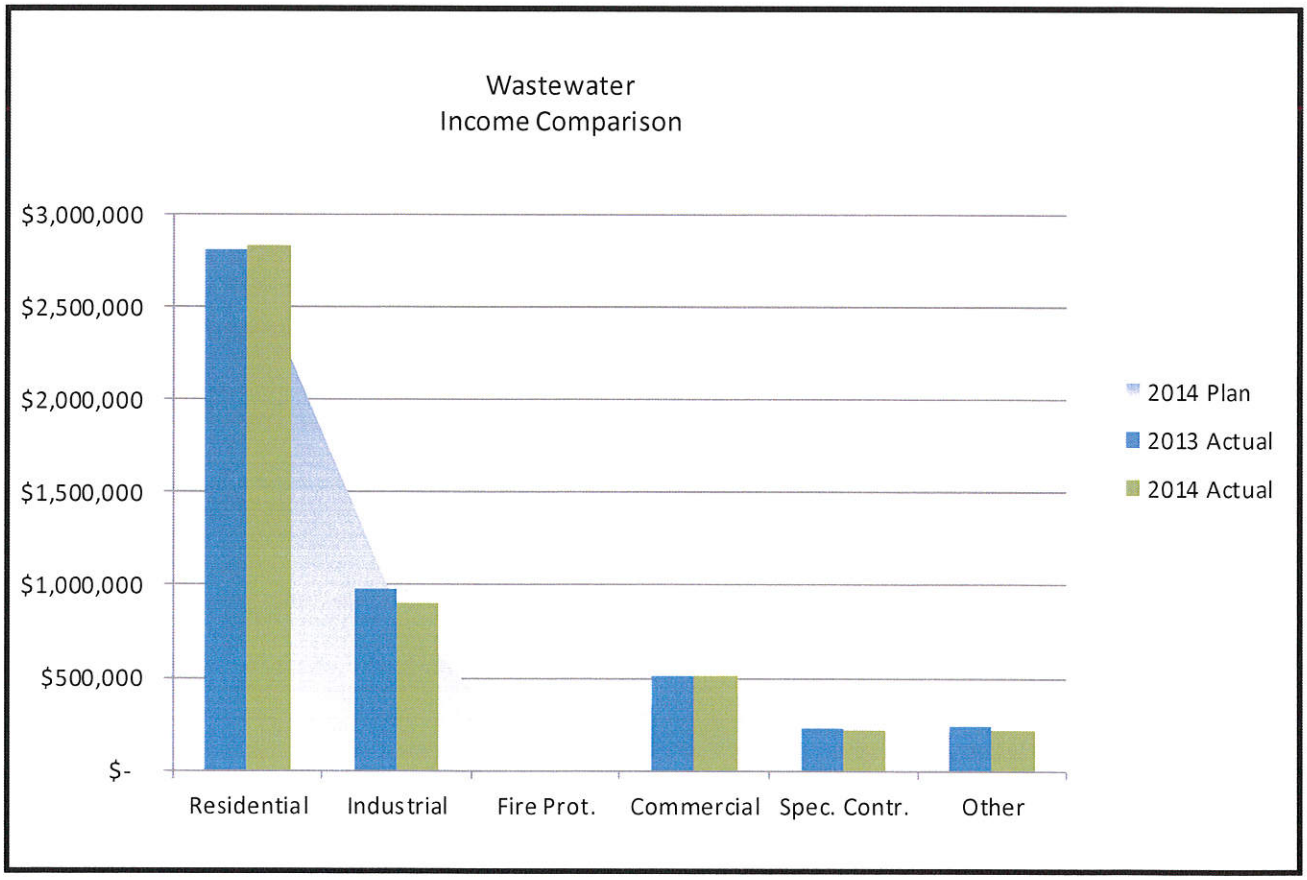


Figure 2b: Wastewater Income Chart

Water Expense Comparison
Y T D as of 05/31/14

	2014 Plan	2013 Actual	2014 Actual	2013 Act. Vs 2014 Act. Diff	2014 Plan vs 2014 Actual Diff	Fav/(unfav)
Personnel	$ 608,001	$ 571,475	$ 606,185	$ (34,710)	$ 1,816	0.3%
Supplies	$ 258,977	$ 214,226	$ 196,211	$ 18,015	$ 62,765	24.2%
Utilities	$ 224,084	$ 209,049	$ 224,414	$ (15,365)	$ (330)	-0.1%
Maintenance	$ 153,041	$ 122,461	$ 153,286	$ (30,825)	$ (245)	-0.2%
Other	$ 165,055	$ 191,053	$ 146,618	$ 44,435	$ 18,437	11.2%
Depreciation	$ 409,000	$ 421,525	$ 402,415	$ 19,110	$ 6,585	1.6%
Interest	$ -	$ 9,441	$ -	$ 9,441	$ -	#DIV/0!
Total	$ 1,818,157	$ 1,739,230	$ 1,729,129	$ 10,101	$ 89,028	4.9%

Figure 3a: Water Expense Table

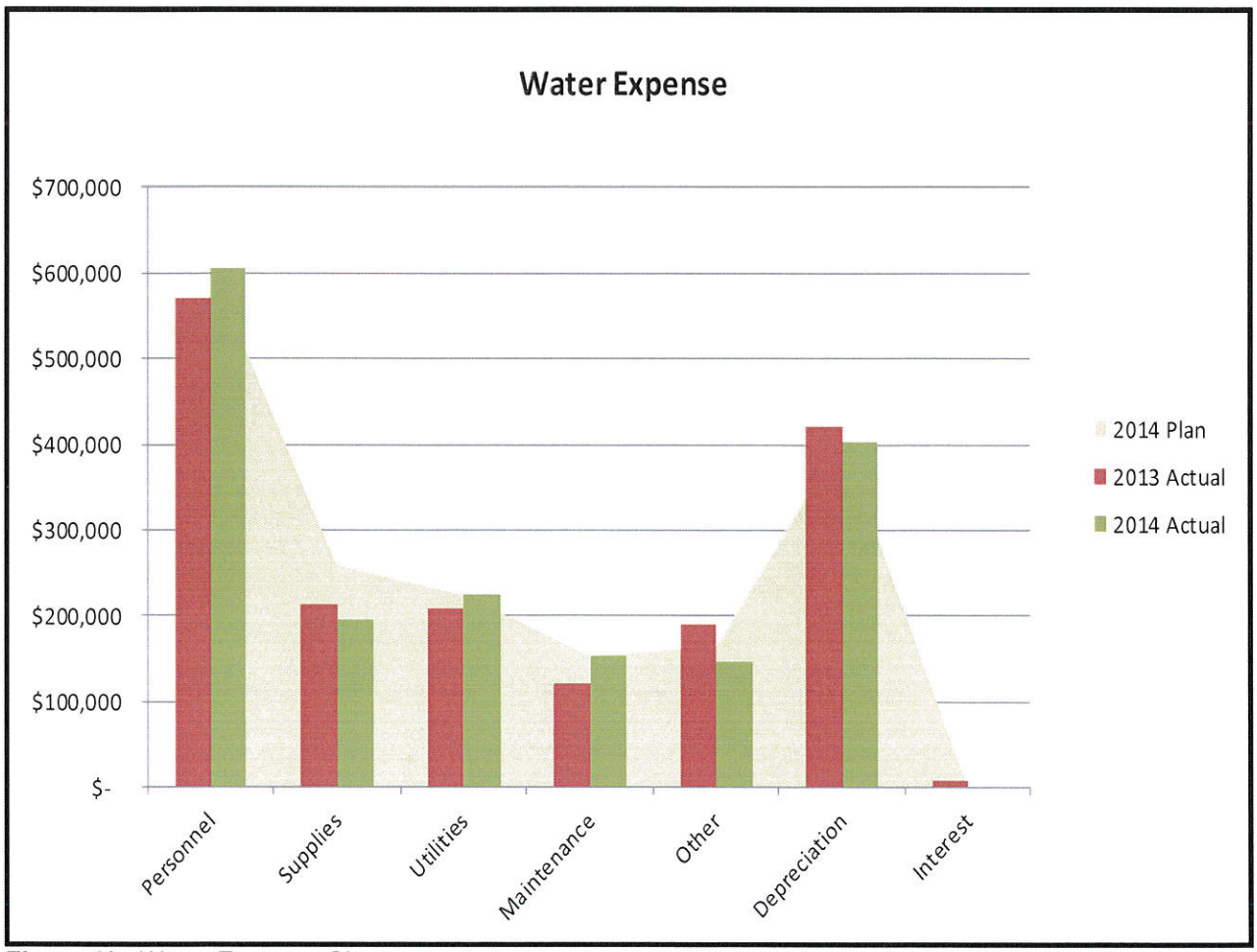


Figure 3b: Water Expense Chart

Wastewater Expense Comparison
Y T D as of 05/31/14

	2014 Plan	2013 Actual	2014 Actual	2013 Act. Vs 2014 Act. Diff	2014 Plan vs 2014 Actual Diff	Fav/(unfav)
Personnel	$ 907,263	$ 881,426	$ 890,994	$ (9,568)	$ 16,269	1.8%
Supplies	$ 138,725	$ 59,772	$ 157,507	$ (97,735)	$ (18,782)	-13.5%
Utilities	$ 338,668	$ 336,082	$ 461,320	$ (125,238)	$ (122,652)	-36.2%
Maintenance	$ 60,184	$ 47,817	$ 51,273	$ (3,456)	$ 8,911	14.8%
Other	$ 263,325	$ 306,943	$ 290,997	$ 15,946	$ (27,672)	-10.5%
Depreciation	$ 1,197,000	$ 1,227,333	$ 1,296,280	$ (68,947)	$ (99,280)	-8.3%
Interest	$ 873,107	$ 925,683	$ 886,533	$ 39,150	$ (13,426)	-1.5%
Total	$ 3,778,272	$ 3,785,056	$ 4,034,904	$ (249,848)	$ (256,632)	-6.8%

Figure 4a: Wastewater Expense Table

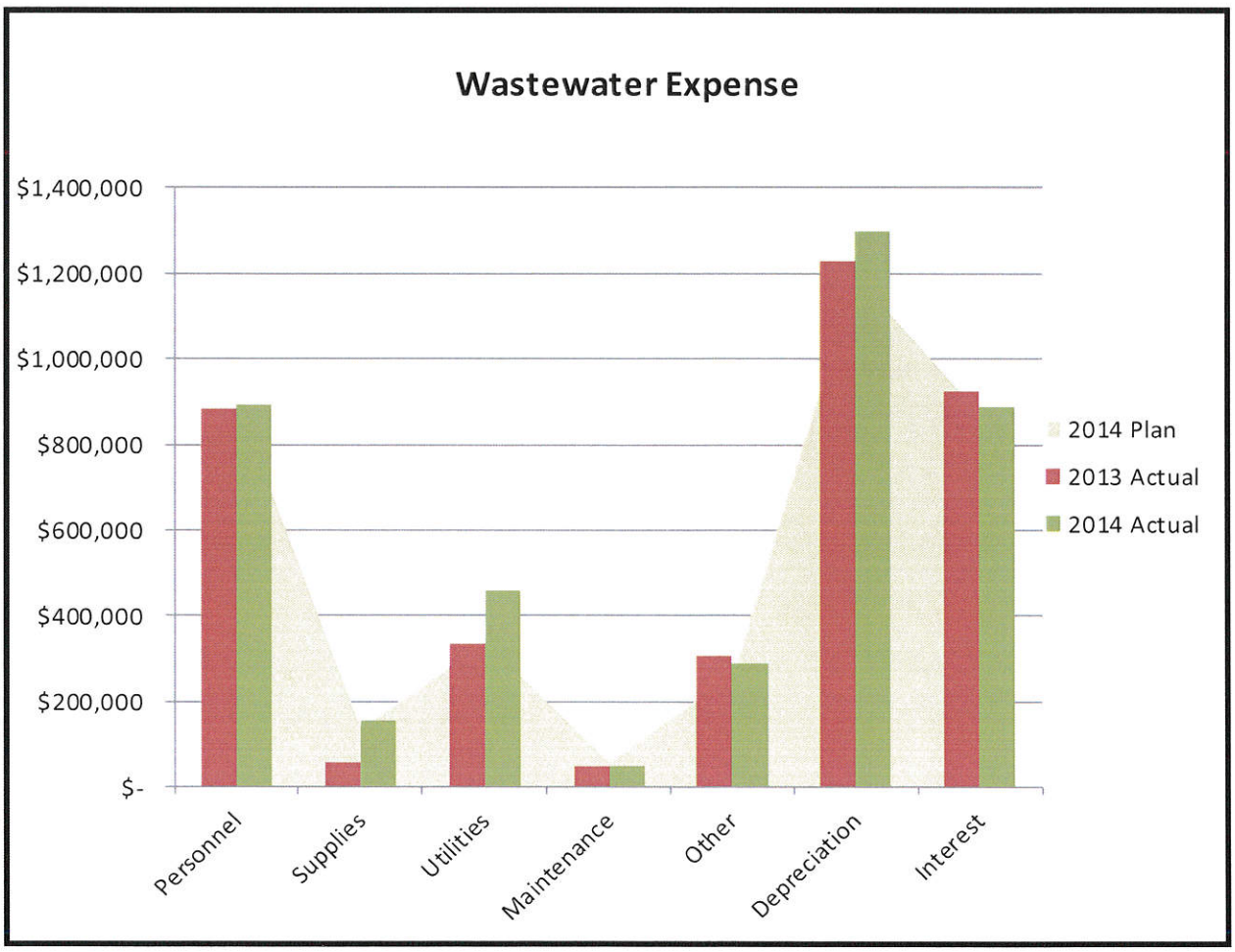


Figure 4b: Wastewater Expense Chart

Cash Analysis 2014		
	Water	Sewer
Beginning Cash 1/1/14		
Oper	1,886,910.03	1,356,515.70
Deposits	106,751.58	180,184.12
Bond Reserve		3,800,000.00
B & I		4,079,110.67
Depreciation	2,149,459.25	8,913,442.97
Beg Balance	4,143,120.86	18,329,253.46
Income	1,935,204.11	4,588,226.81
Operating Expense	(1,392,538.99)	(1,788,220.98)
Capital Expenditures	(228,787.72)	(538,238.10)
Debt Payments		(4,813,149.52)
Other (Inc)/Exp	(23,496.69)	(19,255.90)
	4,433,501.57	15,758,615.77
Ending Cash 5/31/14		
Oper	1,999,011.28	1,714,708.91
Deposits	106,974.94	186,009.12
Bond Res	-	3,800,000.00
B & I	-	1,677,393.17
Depreciation	2,327,515.35	8,380,504.57
End Balance	4,433,501.57	15,758,615.77
Net Change in Cash	290,380.71	(2,570,637.69)

Figure 5a: Cash Analysis Table

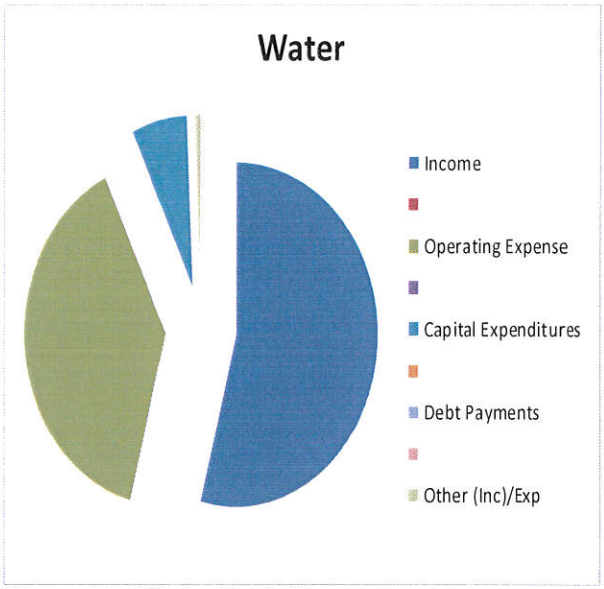


Figure 5b: Water Cash Chart

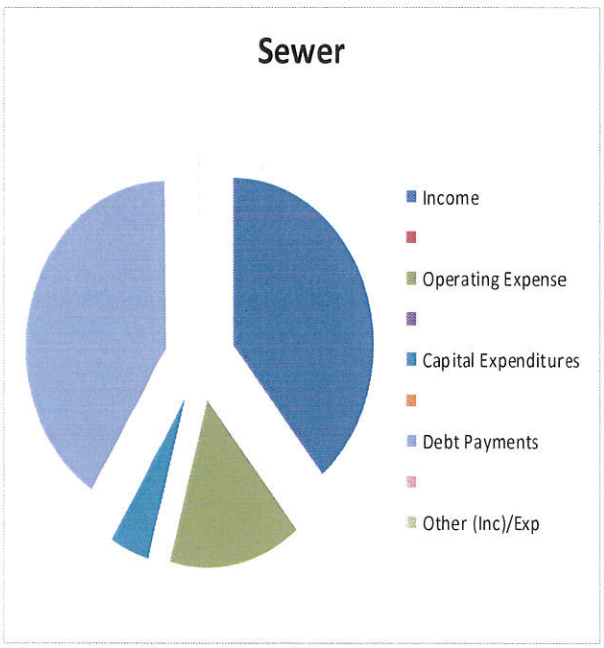


Figure 5c: Sewer Cash Chart

Columbus City Utilities
2014 Actual
Water

5/31/2014

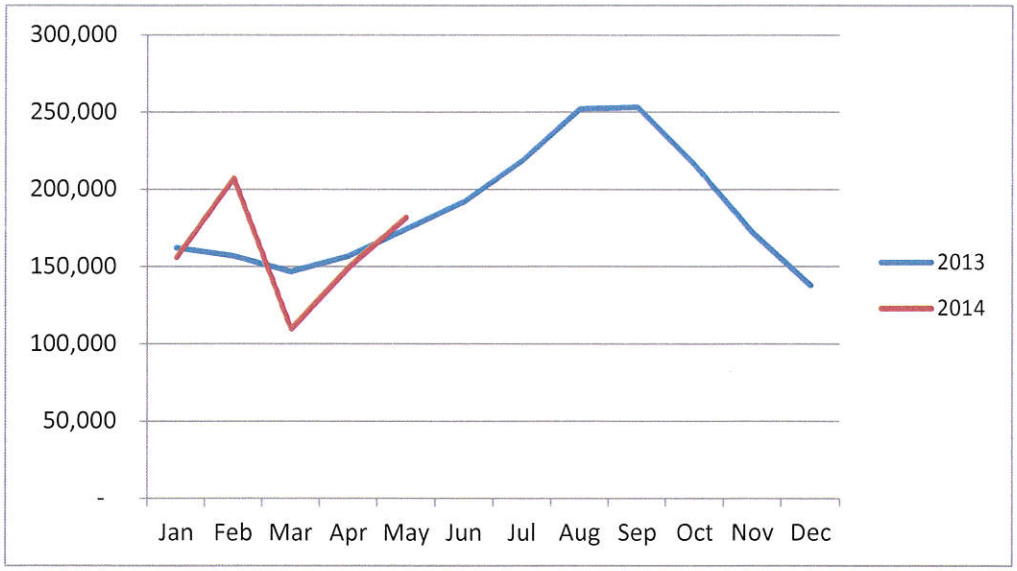
	Project Name	Budget	Committed	Paid	Balance
	Distribution				
W1	Line Extensions/Relocations	10,000	0	0	10,000
W2	Valve Replacement	45,000	0	0	45,000
W3	Jack Hammers	2,500	0	0	2,500
W4	Pump replacements	15,000	0	0	15,000
W5	Locators	3,000	2,268	2,268	732
W6	Directional Drill	10,000	0	0	10,000
W7	Pavement Saw	1,500	0	0	1,500
W8	Portable Radios	5,000	0	0	5,000
	WTP				
W9	Valves and Piping Rehab & Replace	45,000	894	894	44,106
W10	Paint plant facilities	50,000	12,516	0	37,484
W11	Concrete Rehab./ Brick Rehab.	15,000	0	0	15,000
W12	Metering Upgrades	30,000	0	0	30,000
W13	Rehab Wells @ WTP#2	50,000	0	0	50,000
W14	Booster Station Upgrade/Replacement	10,000	0	0	10,000
W15	Automation	20,000	8,841	8,841	11,159
W16	Rotork Valving	150,000	148,524	148,501	1,476
W17	WTP Pump & Motor Rehab	7,500	0	0	7,500
	Engineering(water)				
W18	Misc Safety & Maint.	7,500	0	0	7,500
W19	Rocky Ford relocation	60,000	0	0	60,000
W20	Indiana Ave. Relocation	25,000	0	0	25,000
	Information Systems(water)				
W21	NASERV3 Hard Drive addition	2,000	0	0	2,000
W22	Webserv Replacement	7,000	3,342	3,342	3,658
W23	Broswer Server replacement	7,000	0	0	7,000
W24	PC's--replacement	1,500	1,594	1,594	(94)
W25	Printer/MFP replacements/upgrades	1,000	0	0	1,000
W26	Exchange upgrade (hardware, software, gordons)	9,000	0	0	9,000
W27	Wonderware Systems Platform -WP2 & Collection	10,000	2,400	0	7,600
W28	inHance iRemote for Work Orders	10,000	0	0	10,000
W29	PC software upgrades(Windows)	2,000	0	0	2,000
W30	Upgrade Server OS Software (2008)	4,000	0	0	4,000
W31	Backup Software upgrades	3,000	0	0	3,000
W32	Crystal Reports (software, license, training)	1,000	0	0	1,000
W33	LAN Connections/Communications	5,000	0	0	5,000
W34	Wireless Communications	1,000	0	0	1,000
W35	Rewire Project/Wire Cabinet	10,000	0	0	10,000
W36	IVR system	25,000	0	0	25,000
W37	Watchguard Firewall replacement	5,000	0	0	5,000
W38	SQL Server software upgrade	4,000	0	0	4,000
W39	Sharepoint intranet setup	2,000	0	0	2,000
	Quality Control(water)				
W40	Carpeting	15,000	6,285	0	8,715
W41	Replace Lab Cabinets	20,000	0	0	20,000
W42	Saftey Training Supplies	2,000	0	0	2,000
	Vehicles(water)				
W43	Dist. Serv. Body 2003 #123	45,000	46,686	0	(1,686)
	Contingency				
W44	Contingency	37,675	28,068	8,101	9,607
	Totals Water	791,175	261,418	173,541	529,757
	CARRYOVER		65,049	39,669	39,669

Columbus City Utilities
2014 Actual 5/31/2014
Wastewater

	Project Name	Budget	Committed	Paid	Balance
	Collection				
S1	Third St LS replacement (Design)	150,000	31,500	3,927	118,500
S2	Line Extensions	40,000	0	0	40,000
S3	LS Rehabilitations	50,000	0	0	50,000
S4	Water Hose Replacement for Vactor	2,000	1,028	1,028	972
S5	Pipe Saw/Cut Off Saw Replacement	3,000	0	0	3,000
S6	Hydraulic Pump (Lift Station Bypass)	30,000	0	0	30,000
S7	Excavation Upgrade (Combo Unit)	11,000	0	0	11,000
	WWTP Equip and Rehab.				
S8	Garden City WWTP Misc Eqp Replacement:	10,000	9,347	4,634	653
S9	Haw Creek Headworks/Mariah Misc Eqp Re	10,000	0	0	10,000
	Engineering(Wastewater)				
S10	Safety & Misc. Maint	7,500	0	0	7,500
S11	Indiana Ave. Relocation	25,000	0	0	25,000
S12	Dunn Stadium Sewer	85,000	0	0	85,000
S13	Southside Odor Control	80,000	0	0	80,000
S14	Haw Creek Weir Repl (Design)	70,000	0	0	70,000
	Administration				
S15	Paint Walls	10,000	877	877	9,123
S16	Windows	2,000	3,960	3,960	(1,960)
S17	HVAC Upgrades	100,000	0	0	100,000
	Information Systems(Wastewater)				
S18	NASERV3 Hard Drive addition	2,000	0	0	2,000
S19	Webserv Replacement	7,000	0	0	7,000
S20	Broswer Server replacement	7,000	0	0	7,000
S21	PC's--replacement	1,500	0	0	1,500
S22	Printer/MFP replacements/upgrades	1,000	0	0	1,000
S23	Exchange upgrade (hardware, software, gordons)	9,000	0	0	9,000
S24	Wonderware Systems Platform -WP2 & Collection	10,000	2,400	0	7,600
S25	inHance iRemote for Work Orders	10,000	0	0	10,000
S26	PC software upgrades(Windows)	2,000	0	0	2,000
S27	Upgrade Server OS Software (2008)	4,000	0	0	4,000
S28	Backup Software upgrades	3,000	0	0	3,000
S29	Crystal Reports (software, license, training)	1,000	0	0	1,000
S30	LAN Connections/Communications	5,000	0	0	5,000
S31	Wireless Communications	1,000	0	0	1,000
S32	Rewire Project/Wire Cabinet	10,000	0	0	10,000
S33	IVR system	25,000	0	0	25,000
S34	Watchguard Firewall replacement	5,000	0	0	5,000
S35	SQL Server software upgrade	4,000	0	0	4,000
S36	Sharepoint intranet setup	2,000	0	0	2,000
	Quality Control				
S37	Automatic Samplers	3,000	0	0	3,000
S38	Rotary Evaporator	8,000	3,821	3,821	4,179
S39	HVAC POP replacement	20,000	0	0	20,000
	Vehicles				
S40	WWTP - Pickup 2000 #204	25,000	17,111	0	7,889
S41	Mobile Crane 1994 #293	180,000	0	0	180,000
S42	Coll - 4WD Pickup 2002 #215	30,000	21,884	0	8,116
S43	Coll - TV Truck 2005 #254	250,000	0	0	250,000
S44	Admin - SUV 2002 #501	30,000	0	0	30,000
	Contingency				
S45	Contingency	67,050	21,538	21,538	45,512
	Total Wastewater	1,408,050	113,466	39,785	1,294,584
	CARRYOVER		1,157,674	510,300	

Columbus City Utilities
WATER BILLED

	2013	2014
Jan	162,225	155,914
Feb	156,834	207,198
Mar	146,663	109,634
Apr	156,702	149,370
May	174,263	181,888
Jun	192,112	
Jul	218,504	
Aug	252,053	
Sep	253,183	
Oct	215,562	
Nov	172,159	
Dec	137,742	
Totals	2,238,002	804,004



Billed

	2013			#	#		2013	
	Gallons	Dollars	$/Gal.	of Accts	of Accts	Gallons	Dollars	$/Gal.
Jan	162,225	329,623	2.032	16,834	17,619	155,914	331,460	2.126
Feb	156,834	316,090	2.015	16866	17,615	207,198	388,376	1.874
Mar	146,663	305,279	2.081	16899	17,648	109,634	273,594	2.496
Apr	156,702	321,142	2.049	16991	17,648	149,370	312,766	2.094
May	174,263	342,749	1.967	17063	17,745	181,888	356,678	1.961
Jun	192,112	367,035	1.911	17043				#DIV/0!
Jul	218,504	398,829	1.825	17091				#DIV/0!
Aug	252,053	439,208	1.743	17198				#DIV/0!
Sep	253,183	447,775	1.769	17214				#DIV/0!
Oct	215,562	399,841	1.855	17256				#DIV/0!
Nov	172,159	342,774	1.991	17267				#DIV/0!
Dec	137,742	296,114	2.150	17254				#DIV/0!
Totals	2,238,002	4,306,459	1.924	17081	17,655	804,004	1,662,874	2.068

Columbus City Utilities
Other Payments
Payments Not Shown on Claims Schedule

Water		
Payroll	91,231.73	503,849.74
Health Insurance	20,017.89	97,814.40
Credit Card Fees	2,083.99	11,374.97
Clerk-Treas/Payroll Charges	-	1,200.00
	113,333.61	614,239.11
Wastewater		
Payroll	137,181.38	760,385.48
Health Insurance	24,747.74	125,349.21
Credit Card Fees	-	11,374.98
Clerk-Treas/Payroll Charges	2,083.99	1,200.00
	164,013.11	898,309.67

UTILITY ENGINEERING REPORT
June 2014
Ed Bergsieker
Manager of Engineering

Wastewater Collection

During the month of May, Collection crews responded to 22 possible main blockage calls. Of those calls there were 6 that were blocked at the city main. There were 10 septic issues. Several of the tanks had to be pumped out and some had check valves, floats and disconnects replaced on them. Crews spent several days during the month cleaning out the debris from the manhole on 17th Street between Gladstone Avenue and McClure Road. A dye test was performed at 919 23rd Street. There were 3 TV inspections performed in May and a lateral was located at 1211 Pearl Street. Collection crews assisted the business office with a total of 88 door tags and 113 disconnects for non-payment. Collection line crews performed normal daily duties and general maintenance throughout the month as well.

Lift station crews spent many hours in May assisting Doetsch Environmental Service with cleaning the incoming line on 17th Street. There were 15 pump issues that crews responded to. All of those issues required the pump to be cleaned of debris and the one at 17th Street had to have the pump replaced. Crews changed out the media at the Southside lift station and replaced the belt on the blower. The bar screens and wet wells were cleaned at the Clifty, Tudor, Southside and Walesboro lift stations. Normal daily duties and general routine maintenance were also performed.

Water Distribution

During the month of May, Distribution crews spent many hours repairing service line leaks at 2400 17th Street, 2123 Pennsylvania Street, 1203 Chestnut Street and 2983 Wild Orchid Way. Many hours were also required in repairing a main break at 5245 Spring Court. There were a total of 42 meter pit leaks repaired, 5 meter pit lids had to be replaced/repaired and 1 meter pit had to be adjusted to grade. Crews repaired a sinkhole at 3715 Lakeside Drive. A 6 inch water tap was performed at 420 Wint Lane. There were 4 hydrants that were damaged and had to be replaced/repaired during the month. Crews performed maintenance on a total of 64 hydrants and 4 flow tests were performed.

There were 70 new 5/8" services installed throughout the month of May. A total of 62 new automated meter reading units were also installed and 6 meters were changed out and replaced with new radio read meters. Crews performed normal daily duties and routine maintenance throughout the month as well.

Engineering

The Engineering department did 9 tap inspections and 1068 line locations in May. These numbers are high for us and we don't see things slowing down. Our new Engineering Technician is keeping up with the demand and his experience is proving invaluable to Columbus Utilities right now. He has completed his 90 day review with excellent marks. Engineering's Field Technician for Construction Inspection retired at the end of May. Larry Smith had well over 30 plus years with the Utilities and it will be hard to replace his experience and field knowledge. We are in the process of accepting applicants for the position and hope to be interviewing shortly. Staff attended meetings of the Bartholomew County Utility Coordinating Committee.

Utility relocation has started on the upcoming Carr Hill Road Project. The water main relocation has been completed by the contractor and the testing of the improvements is under way. The sewer mains will be relocated in the very near future. Coordination with developers continues on approved developments.

Through May we are approximately 50% complete on the 3rd Street Lift Station Relocation and Replacement and Sanitary Sewer Improvements. Draft conceptual lift station site layouts and sewer line routing have been completed on 3 of the 4 sites. Cost estimates will be based on these layouts. Of the four sites, only the Mariah Foods property has indicated that they would donate the parcel we are interested in for our improvements. This site is favorable due to its location but will have some extra infrastructure costs to reroute existing infrastructure to the site. We hope that through the donation of the property, that the costs will be offset. The city owned property is being coordinated with the Columbus Planning Department and they have been very cooperative in talking with us about that as a potential site. It does present its own set of negatives which include being located right next to a residence and with the impending Gateway project for State Street, we may not fit into their overall conceptual plan. The Cummins site does not look promising at this point. Without saying no to letting us use the site for our improvements, they have indicated they don't believe that this is what they want to do with the site. GRW's not to exceed cost for this phase will be maintained unless the project scope changes, at which time we will come back to the Board for further authorization.

Water Treatment Plant

At our May 2014 safety meeting, we focused on four topics. They included: 1) reviewing the Safety Data Sheets ("SDS") for Sulfuric Acid Solution ("**SO2 Solution**"), 2) using new operations, maintenance, and financial software applications, and training for new employees, 3) upcoming capital projects and schedules, and 4) the 2014 Budget and developing Monthly Planning Charts for tracking "Water Treatment" expenses.

We began by reviewing the SDS for **SO2 Solution** in order to meet our goal of compliance with CCU's Hazard Communication Plan ("HCP"). **SO2 Solution** is a colorless, odorless compound consisting of demineralized water and sulfuric acid.

Demineralized water has no recognized hazards, but the sulfuric acid portion can cause severe burns to exposed skin, be harmful to the respiratory tract if inhaled, and is a known carcinogen. Water Treatment staff uses **SO2 Solution** to clean the Chlorine Analyzers at each water plant. Chlorine Analyzers continuously collect samples of finished water as it leaves each water plant and test water samples for Total Chlorine residuals (a disinfectant).

Second, we asked Water Treatment staff (*particularly new employees*) about their past exposure to and comfort level using, operations, maintenance, and financial software applications (i.e. Wonderware, eRPortal, GP Dynamics, and Microsoft Office). We discussed with staff how we are considering staff experience and position responsibilities, as well as level of interest, as we develop training programs to meet each staff members training needs and goals.

Third, we briefed staff on Water Treatment's remaining 2014 capital projects and schedules.

Last, we discussed the development status of monthly Financial Planning Charts specifically for tracking "Water Treatment" expenses. We gave staff examples of how these charts can aid in budget development and expense monitoring throughout the year in a numerical and graphical presentation.

SCADAware operating software is installed and functional, operations tests complete, and onsite programming and operational setup occurred May 7-8, 2014; it went "live" on Friday, May 9, 2014.

Continued 2014 Well Maintenance Plan having completed all scheduled flow tests at both plants and began cleaning wells (*well 1 at WP1 and well 16 at WP2*) identified during flow tests.

WASTEWATER OPERATIONS REPORT
June 2014
Garry Pugh
Manager of Wastewater Operations

Wastewater Treatment

The wastewater treatment plant (WWTP) completed the spring land application of Biosolids during May. A total of 2,306 wet tons of solids were land applied during spring 2014. There was a cost of $27,438 dollars to land apply these solids. If the solids had been disposed of at the landfill, the cost would have been $79,557 dollars.

Loading Truck with Biosolids

Nutrient application to the Forster Farm from Biosolids application 2014.

Phosphorus - 22,144 pounds

Nitrogen -24,120 pounds

Potassium – 11,572 pounds

Forster Farm Land Application Site

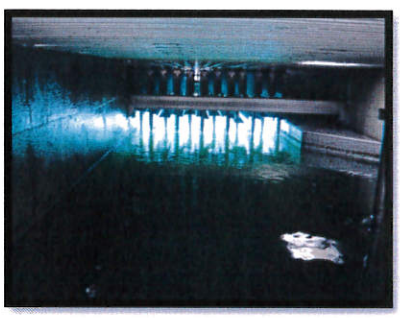
Plant personnel spent 100 hours during May performing preventive maintenance duties.

The WWTP received one free ultra violet light bulb from The UV Doctor Company. Personnel installed it and will be tracking hours of operation to compare with the current type of bulb that is being used. If this new bulb proves to be as reliable as the current bulbs, it will save $125 on each bulb replaced. The WWTP has 4 banks of ultra violet bulbs with each bank containing 96 bulbs.

Plant personnel pulled 4 disc aerators to make repairs to shaft stub ends and replace bearings.

Disc Aerator Removal

Unlike chlorine, the ultra violet light system achieves disinfection by mutating the DNA structure of the E.coli organism,rendering it harmless and unable to reproduce.



Ultra Violet Light Bank

The WWTP maintenance department replaced a motor and squirrel cage blower on the air handling unit for the screenings room at Haw Creek Headwork's.

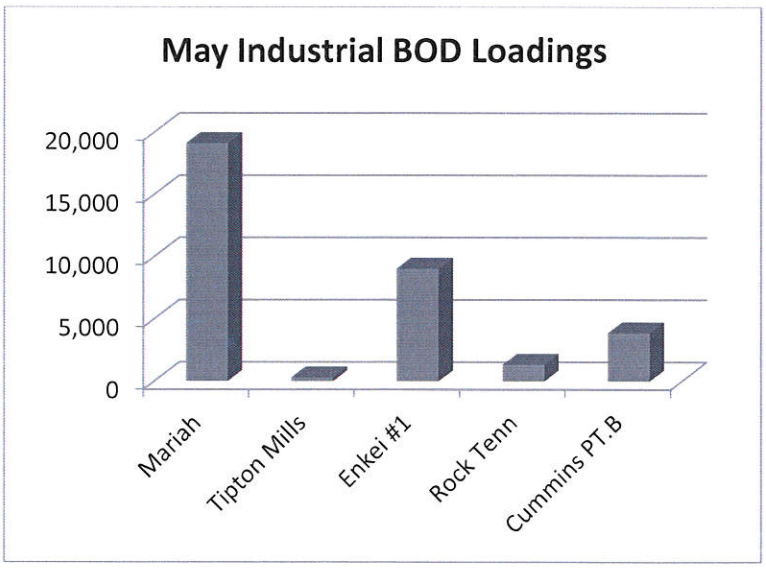
Safety Committee

The CCU Safety Committee met on May 14. Among the topics discussed was the possibility of having the Columbus Fire Department conduct training on the use of fire extinguishers, CPR training and first aid training. We are also looking into providing first aid kits for each CCU vehicle. It was also suggested that additional training be provided for trench and traffic safety.

Pretreatment

Sampling was conducted at PMG Indiana Corporation, NTN Driveshaft End of Pipe, Cummins Fuel Systems Plant End of Pipe, Rightway Fasteners End of Pipe, Toyota End of Pipe, Rock-Tenn, and Enkei Area #1. Sampling was also conducted of the Sycamore Ridge Landfill and Victory Landfill leachates that are trucked to the WWTP. Various industrial locations were sampled and/or spot-checked. Industrial flow meter readings were taken on May 1st and May 8th.

The total BOD loading on the WWTP in May was 306,155 pounds. This is lower than the previous month due to lower flow and steady concentration. The following graph depicts the BOD contributions from several industries.



Pretreatment staff used the new PMG manhole to collect the required samples for May. Sample volume was much better than it had been at the previous location. There is no indication of ground water infiltration. The area has been graded and grass has been planted.

Analysis of a Clinton County Landfill leachate sample on April 3rd indicated a zinc violation. Results of samples collected on April 24th and April 30th were in compliance. In response to the violation, the landfill management indicated that they were unable to pinpoint a cause due to the variable nature of leachate. They will review profiles for special waste streams that might contribute zinc and, if identified, will consider restricting, eliminating, segregating, or otherwise managing that waste stream so as to maintain compliance with the discharge permit.

Rock-Tenn contacted the QC Department at 10:15 AM on May 28th to report that a hydraulic hose had broken while the workers were on break and estimated that 30 gallons of hydraulic oil went down a drain by the time it was discovered. They immediately contacted Midwest Environmental Services to pump the settling pits. Pretreatment staff arrived on site at 10:35 AM and collected a sample for oil & grease analysis. The discharge looked somewhat murkier than usual. The automatic sampler was activated to collect a composite sample. Rock-Tenn personnel explained what happened and when the settling pits were opened, it appeared that most of the material was floating in the second pit. Midwest Environmental arrived around 11:30 and pumped the pits. Rock-Tenn submitted a written report along with a timeline for various corrective measures on June 3rd. The Non-Polar Oil & Grease result was 183 mg/l exceeding the 100 mg/L limit. Compatible pollutants were higher than normal but not considered slug concentrations. Metals were all in compliance.

The ground water remediation site at the Marathon station at 5750 East 25th St. was totally dismantled in May. The sewer connection was severed and capped and the contractor contacted the CCU business office to close the account.

Clinton County Landfill delivered 155,725 gallons of leachate to the WWTP in May.

Victory Landfill delivered 19,153 gallons of leachate to the WWTP in May.

Sycamore Ridge Landfill delivered 37,283 gallons of leachate to the WWTP in May.

Rose Acres delivered 58,957 gallons of softener water to the WWTP in May.

Laboratory

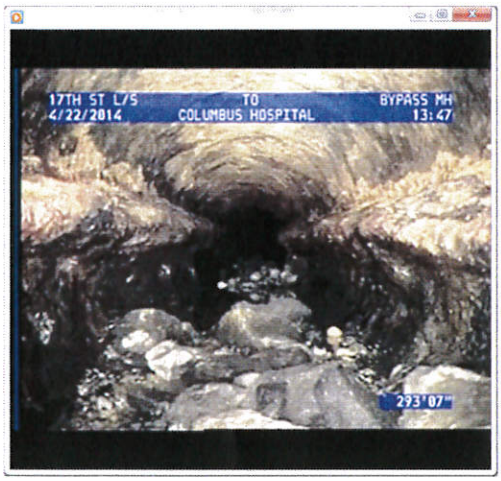
MAY 2014 TOTAL TEST COUNT

Analytes	# Of Tests
Amenable Cyanide	2
Ammonia Nitrogen	149
Bacteriological	204
Balance Check	26
Biochemical Oxygen Demand	653
Chlorine Residual	100
Conductivity/TDS	21
Dissolved Oxygen	27
E.coli	98
Fecals	0
Fluoride	124
Fume Hoods	19
Haloacetic Acids	0
Hardness	0
Heavy Metals	636
Iron	0
Manganese	4
Nitrates	0
Oil & Grease	2
PCB's	3
Pesticides	3
pH	128
Phthalates	0
Potassium	0
Settleable Solids	5
Sulfides	6
SOC's	0
SVOC's	3

Analytes	# Of Tests
Temperature	227
TKN	0
Total Cyanide	0
Total Phosphorus	60
Total Solids	0
Total Suspended Solids	143
Total Trihalomethanes	0
Total Volatile Solids	0
Turbidity	8
UCMR3	0
VOC's	3
Volatile Suspended Solids	0
Flatrock-Haw Creek BOD	0
Flatrock-Haw Creek Nitrate	0
Flatrock-Haw Creek Total Phosphorus	0
TENA- Ammonia	15
TENA- Bacterialogical	2
TENA- BOD	20
TENA- E.coli	10
TENA-Nitrate	0
TENA- Total Suspended Solids	30
Industrial- Ammonia	7
Industrial- BOD	7
Industrial- Metals	18
Industrial- Total Phosphorus	7
Industrial- Total Suspended Solids	7
Industrial-pH	0
Industrial-Oil & Grease	0
Swimming Pools	8
Grand Total	**2785**

DIRECTOR'S REPORT
June 2014
Keith L. Reeves P.E.

Last month, I reported on the condition of the cast iron sewer under the Haw Creek at Seventeenth Street and our plans to clean the line and evaluate the sanitary sewer. In the way of an update, Doetsch Construction was very successful at cleaning out the scale and corrosion from the pipeline. (Check out the before and after pictures below)



Before

After

We performed our own television inspection of the sewer going east from the creek and confirmed that there was some additional corrosion damage, but that there wasn't any damage visible beyond Gladstone Avenue. Ed has spoken with two pipelining firms for quotations on lining this section of pipe, but we might be including it in next year's capital program rather than as an emergency measure for this year.

Continuing on in the "before and after" theme, Denney Excavating has pretty much completed their work on Water Street. Topsoil has been placed, seeded and all the extraneous fencing has been removed. Wet weather has prevented the final seeding so far.

Before

After