Goals

1. Provide properly treated drinking water for the utility users.
2. Provide a reliable, dependable infrastructure to collect sanitary flow and treat it in a manner consistent with state and federal guidelines.
3. Impartially collect and bill for utility services – water, sewer, and garbage collection along with their stipulated debt obligations.

Program Overview

The Water & Sewer Department is a division of the Village's public works department. This certified staff coordinates the necessary permits with the Illinois Environmental Protection Agency (IEPA) and ensures properly treated drinking water is available via the water utility's water mains and collected via the sanitary collection system. Coal City utilizes the assistance of an outside operator to sign the requisite paperwork until the Village's Operator earns the necessary licenses; this year marks the first Coal City's Utility employee can take and pass the necessary tests. In addition to the daily treatment regiment, Coal City's existing utility infrastructure continues to age requiring regular maintenance and emergency repair in order to provide reliable service regardless of the age of the systems.

Storm water improvements have greatly assisted the sanitary collection utility. After the completion of major storm improvements, less inflow has increased the overall capacity of the sanitary treatment plant. During the work involved with installing the storm collection system, the staff installed many new hydrants in the northeast quadrant of the Village to assist in turning off less customers during future system maintenance requirements.

Recently, in early 2014, the Village has begun to restore its water treatment tanks. The filter material inside the tanks is well past its useful life and it must be properly disposed and then restored with new material to pull the radium from the raw water supply according to EPA drinking water quality standards. An equipment improvement included within the budget is the replacement of the Huber Room Furnace; this is necessary for sanitary sewer treatment. Other items such as a new Sewer/Vactor truck have been pushed until its replacement can be afforded.

Long-term health of the water and sewer services needs to continue to be a priority. The Village has requested assistance from the Illinois Association of Community Action Agencies (IACAA). This governmental association has experts that assist with the long-term planning and funding of infrastructure improvements. Currently, tapping into Braidwood's utility supply is being considered as a

means of drastically improving water supply without the need to build another standalone water tower. Financing these costly improvements remains difficult in light of surcharges that will be in place for many years to come; the first one – related to water main improvements will be paid off in 2019 (year 5 of the CIP).

Performance Indicators

	2010	*2011*	*2012*	*2014*	
Average Water Distributed each day	.806	.591	.550	.565	MGD
Maximum Water Distributed	1.026	.989	1.114	.980	MGD
Sanitary Flow Collected on a daily basis	.651	.684	.700	.700	MGD
Maximum sanitary flow intake per day	1.990	1.968	1.350	1.750	MGD
Sludge removed from sanitary treatment facility	61.0	49.3	59.2	49.6	Tons
Days requiring Re-Gen Exceeding 24 hrs.					10
Utility Bills Issued	13,819	13,830			
Collection Rate (% of billing collected)	99.02	98.75			%
Late Fees Assessed	$47,611	$52,055			

NOT DISTRIBUTED WITH PRPOSED BUDGET

Project & Detail *Budgetary Effect*

Personnel Operations Change: During the past year, the Village's senior operator left service requiring a shift in personnel to continue to operate the Water/Sewer utility. Due to the loss of the former operator, the salaries of the former Crew Leader who is now responsible for the division's operations, and the current operator are less than the previous budget.

Decrease in Personnel *$51,681*

Water Hydrant R&M: The Village has been replacing older fire hydrants as time permits. In addition, as storm lines are installed, conflicts between these utilities create an opportune time for the installation of additional hydrants and valves. This past year's storm project was the cause for the line item to be overspent. Additional dollars are budgeted due to the neighborhood projects that are planned in FY14 as well.

Increase in Hydrant R&M *$10,000*

Purchase & Financing of Equipment and Projects: The Village recently paid off an equipment loan that was entered into during 2008. At this point, it is necessary to replace additional equipment and complete certain projects for the proper maintenance of the utility system. Due to the Village's credit, it is possible to finance these needed improvements over a multiple year period to increase their affordability. Below is a list of the items to be financed, with their annual payment. These amounts will be paid to Fund #38 where the payment in total will be paid from.

Line Item	Equipment/Project	Annual Payment	Increase for FY14
51-00-520	*Tank Restoration Payment*	$47,911	*$32,911*
	This project approved in FY13 will require payment vendor payment in FY14. The interior of the four tanks within the water treatment plant will be inspected and new treatment media will be re-established after the existing material is properly disposed.		
51-00-830	*SCADA System Installation*	104,875	*4,875*
	The control equipment for the water treatment facility requires equipment that is no longer serviceable to due to its age. Installation of a new SCADA system will allow the operator to read the diagnostics of the Village's utilities remotely. This improvement will re-establish the		

communications between different municipal facilities to utilize wireless technology instead of the existing dedicate circuitry.

Line Item	Equipment/Project	Annual Payment	Increase for FY14
51-00-840	*Replacement of 70's Dual Wheel Pickup*	9,439	*9,439*
	Staff has been utilizing a 1979 pickup truck in order to have the proper equipment to pull pumps and equipment at any of the municipal facilities to include lift stations. Since the department currently has a 250 pickup, the purchase of a 150 pickup is sufficient.		
51-00-851	*Replacement Water Main*	44,998	*24,998*
	The Village had submitted plans to IEPA to receive principle forgiveness in order to replace critical sections of water main within the system. These mains become more critical as time passes and their replacement has become a necessity. This payment will be a 5-year payment in order to bid work to complete new installation in parts of Blackstone, Park, east Broadway alley between Chestnut and Walnut, and Maple between Illinois and Mazon streets.		

Sodium, Water Treatment: The Village softens its water with salt. This year, staff will attempt to bid this commodity with other municipalities in order to gain a lower unit cost. However, sodium continues to increase in cost. The FY14 cost reflects actual usage from the previous year.

Increase in Sodium *$13,600*

Engineering Services: In order to complete two projects – the tank restoration and installation of new water mains, money is set aside to pay the municipal engineer to design, bid, and oversee the completion of these projects.

Increase in Engineering Services *$11,500*

Village of Coal City
FY15 Final Budget

Water Sewer Fund

Account	Line Item		FY12 Actual	FY13 Actual	FY13 Budget	*FY14 Budget*	*FY14 Actual*	%of Budget Spent	FY15 Budget
51-00-421	SALARIES VILLAGE ADMINISTRATOR		37,043	37,738	38,172	31,249	32,974	105.52%	33,116
51-00-422	ADMINISTRATIVE ASSISTANT		22,632	22,253	21947	32,452	29,848	91.98%	17,994
51-00-425	SALARIES CLERICAL		44,457	46,272	41,562	42,396	49,091	115.79%	43,243
51-00-425.1	OVERTIME CLERICAL		546	431	1013	1,000	456	45.56%	560
51-00-425.2	MISC. WAGES		0	0	7200	8,500	-	0.00%	
51-00-437	SALARIES MAINT FULLTIME		185,661	222,208	240,719	222,766	228,727	102.68%	297,450
51-00-437.1	OVT SAL MAINT FULLTIME		17,538	27,255	33,626	28,823	31,586	109.58%	34,922
51-00-438	SALARIES MAINT. PARTTIME		39,117	7,700	12,780	26,510	18,566	70.03%	27,644
51-00-438.1	OVT SAL MAINT. PARTTIME		0	0	3,100	1,225	1,599	130.54%	1,000
51-00-439	COLLECTOR WAGES		16,782	17,290	17,500	17,851	17,524	98.17%	18,208
51-00-439.1	OVT. COLLECTOR WAGES		0	0	499	500	-	0.00%	500
51-00-451	HEALTH LIFE INSURANCE		55,253	56,009	69794	51,341	64,736	126.09%	62,472
51-00-467	DEFERRED COMP		1,490	1,357	2,593	2,757	2,607	94.54%	1,987
51-00-468	SICK PAY OUT		0	0					
51-00-471	UNIFORM ALLOWANCE		2,202	518	3,250	3,250	*1,117*	34.36%	3,250
	Personnel Totals		**422,720**	**439,030**	**493,755**	**470,620**	**478,830**	**101.74%**	**542,346**
51-00-513	R&M SANITARY SEWER		16,937	23,885	30,000	30,000	20,931	69.77%	30,000
51-00-517	R&M WATERMAINS & HYDRANTS		44,897	50,158	40,000	20,000	46,629	233.15%	45,000
51-00-517.1	R&M WATER METERS & SUPPLIES			2,082		30,000	24,602	82.01%	30,000
51-00-518	R&M WELLS & PUMPING EQUIP		67,231	134,808	102,400	10,000	7,578	75.78%	16,500
51-00-519	R&M WATER STORAGE FACILITY		1,947	104	2,000	2,000	2,220	111.02%	2,000
51-00-520	R&M W.T.P.		6,811	20,972	15,000	62,499	60,838	97.34%	50,000
51-00-521	R&M VEHICLE & EQUIPMENT		24,700	5,004	6,000	6,000	5,744	95.73%	6,000
51-00-522	TESTING SERVICES		16,574	16,500	20,000	20,000	18,000	90.00%	20,000
51-00-523	SEWER SYSTEM SUPPLIES		14,951	7,093	25,000	17,600	11,542	65.58%	17,600
	Operating Supplies	8,000							
	Lift Station Cleaner	5,600							
	Sand	4,000							
51-00-524	SODIUM W.T.P.		93,636	100,349	100,800	99,500	66,471	66.80%	60,000
51-00-531	ACCOUNTING SERVICE		5,575	5,600	9,000	9,000	6,738	74.86%	9,000
51-00-532	ENGINEERING SERVICE		509	1,000	15,000	36,500	35,295	96.70%	20,000
51-00-548	OTHER PROFESSIONAL SERVICES		3,502	4,734	5,000	4,000	7,928	198.19%	12,500
51-00-552	TELEPHONE		10,462	12,304	13,696	13,696	12,771	93.25%	13,696
	Connect to VOIP	1,100							
	GlobalComm	2,200							
	Cell Phones	1,896							
	AT&T	8,500							

Village of Coal City
FY15 Final Budget

Water Sewer Fund

Account	Line Item		FY12 Actual	FY13 Actual	FY13 Budget	FY14 Budget	FY14 Actual	%of Budget Spent	FY15 Budget
51-00-553	PRINTING & ADVERTISING		1,015	877	1,500	3,000	811	27.05%	2,000
51-00-561	DUES		554	585	600	575	613	106.66%	575
	Illinois Rural Association	500							
	American Waterworks Association	75							
51-00-562	TRAVEL EXPENSES		222	5	1,500	1,500	946	63.09%	1,500
51-00-563	TRAINING		613	844	2,500	2,500	1,066	42.65%	2,500
51-00-571	UTILITIES		3,399	3,374	3,500	3,500	3,476	99.31%	3,000
51-00-572	SERVICE CHARGES debit/cr POS charge		734	770	1,000	1,000	906	90.61%	1,000
51-00-573	ELECTRIC PUMPING–WATER		121,823	114,731	130,000	130,000	118,832	91.41%	130,000
51-00-578	SLUDGE DISPOSAL		25,740	21,168	30,000	25,000	29,376	117.50%	30,000
51-00-593	J.U.L.I.E.		499	450	450	600	210	34.95%	1,000
51-00-651	OFF SUP & POSTAGE		6,127	7,975	7,300	4,500	3,790	84.22%	4,500
51-00-653	SMALL TOOLS		871	2,665	3,500	3,500	1,027	29.34%	3,500
51-00-654	JANITORIAL SUPPLIES		1,069	182		200	37	18.65%	200
51-00-655	AUTOMOTIVE FUEL/OIL		24,144	19,154	25,005	25,005	22,981	91.90%	25,005
51-00-656	CHEMICALS/CHLORINE		3,658	3,818	3,500	3,500	1,908	54.50%	3,500
51-00-657	COMPUTER SUPPLIES		1,557	333	500	500	1,038	207.60%	2,500
51-00-710	IEPA LOAN PRINCIPAL-So Water Tower		56,981	58,415	56,990	59,884	59,884	100.00%	61,391
51-00-720 *	IEPA LOAN INTEREST-So Water Tower		81,624	33,510	34,934	32,041	32,040	100.00%	30,534
51-00-820	MAINT BLDG IMPROVEMENTS		1,431	1,900	5,000	5,000	1,686	33.72%	9,000
51-00-830	CAPITAL OUTLAY EQUIP		26,010	1,053	100,000	104,185	31,624	30.35%	121,550
	Last Payment of FY14 Pickup	9461							
	2nd Paym. (of 3) for Filter Restor.	52379							
	2nd Paym. (of 5) for Blackstone Wtr Mn	59710							
51-00-840	CAPITAL OUTLAY VEHICLE		0	0		9,377	9,377	100.00%	0
51-00-851	REPL & EXTEND WATER MAIN		0	5,727	20,000	44,432	44,432	100.00%	59,710
51-00-852	REPL & EXTEND SEWER MAIN		0	0					
51-00-870	CAPITAL OUTLAY FURNITURE		0	0					20,000
51-00-880	SOUTH WATER TOWER		0	0					
51-00-890	CAPITAL OUTLAY OTHER		0	0	5000	5,000	450	9.00%	5,000
51-00-929	MISCELLANEOUS EXPENSE		2,716	1,033	500	500	268	53.56%	500
51-00-930	STATE PERMIT FEES		10,000	10,000	10,000	10,000	10,000	100.00%	10,000
51-00-951	TRANSFER TO '02BOND FUND(was 97)		18,000	0					
	Operations		**696,516**	**673,159**	**827,175**	**836,094**	**704,065**	**81.38%**	**860,761**
	TOTAL for Water/Sewer		**1,119,236**	**1,112,189**	**1,320,930**	**1,306,714**	**1,182,895**	**84.20%**	**1,403,107**