COLUMBUS CITY UTILITIES
1111 McClure Road
P.O. Box 1987
Columbus, IN 47202-1987

812-372-8861
812-376-2427 FAX
www.columbusutilities.org

New Business #1

August 6, 2013

To: Utility Service Board

From: Keith Reeves
Director

RE: Long Range Capital Plan

Each year, beginning in July, we begin working on our budget for the upcoming year. We usually start this process by reviewing the long term capital plan we have submitted in the past and making necessary updates and corrections. The attached spreadsheets represent our plan as it stands following this review.

Please understand that, as in all long range plans, the farther from the present we project, the less certain we are as to the estimated costs or of the ultimate needs.

Next month, we plan to present the 2014 capital plan for your review. While that plan appears in the first column of this report, I do reserve the right to edit, add or subtract items to this column before asking for your final approval.

There are a couple of significant adjustments from previous plans.

For several years a significant capital project has been the AMR meter replacement program. When we began our work order system it caused us to re-evaluate how we are accounting for this expense and as a consequence have begun to expense these items through our operating budget rather than as a capital item. The money will still be spent, but will come from the operating budget.

Last year was our first attempt at estimating future capital needs for the new wastewater treatment facility. This year we have chosen to begin with small replacement predictions for the newish facility and ramp up the expected capital needs over the next ten years.

We are seeking Board feedback and discussion on what is essentially a planning tool for staff, but no formal approval at this time.

Columbus City Utilities
Long Range Capital Plan
Water

R - Replacement
N - New Item
Rs - Restore or rehabilitate item
RL - Reqired relocation of facilities

Project Name			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Distribution												
Air Compressor	R						15,000					
Line Extensions/Relocations	M		10,000	30,000	10,000	10,000	10,000	10,000	30,000	10,000	10,000	10,000
Valve Replacement	R		45,000	45,000		45,000		45,000		45,000		50,000
~~AMR Meter Program~~			~~300000~~	~~250000~~								
Jack Hammers	R		2,500									3,000
Tap Machines	R				10,000			25,000			10,000	
Pump replacements	R		15,000		5,000						7,000	
Arrow Board Replacement	R						7,000					
Locators	R		6,000						3,000			
Directional Drill	R		10,000							10,000		
Vacuum Excavator Replacement	R			150,000								
Valve Insertion Machine	N			50,000								
Backhoe	R					100,000						
RamHoe (backhoe attachment)	R					10,000						
Forklift Replacement	R						30,000					
Pavement Saws	R		1,500									
Portable Generator	R			1,500								
PORTABLE RADIOS	N		5,000						15,000			
SUBTOTAL			**95,000**	**276,500**	**25,000**	**165,000**	**62,000**	**80,000**	**48,000**	**65,000**	**27,000**	**63,000**
WTP												
New Well Field Plt #1	N							50,000	1,500,000			
Replace Maintenance Tractor	R							35,000				
Seal Coat & Restripe Plants Parking Lot	Rs			6,000			6,000			6,000		
Valves and Piping Rehab & Replace	Rs		45,000		45,000			40,000			40,000	
Replace Access Doors @ plants	Rs									40,000		
Maint. Drive WTP #2 & WTP #1	Rs				20,000							
Paint plant facilities	Rs		50,000	60,000					75,000			
Concrete Rehab./ Brick Rehab.	Rs		15,000				15,000				15,000	
Metering Upgrades	R		30,000			80,000						
Replace Unit Heaters @ WTP #1	R			200,000								
Rehab Wells @ WTP#2	Rs		50,000					150,000				150,000
Filter Media Replacement WTP#1	R						150,000					
Filter Media Replacement WTP#2	R						150,000					

Project Name			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bulk Storage for Plt 1 Phos.	N									30,000		
Water Vendor Upgrade/replacement	R							20,000				
Booster Station Upgrade/Replacement	R		10,000				200,000	200,000				
Bulk Storage for Plt 2 Fl.	N							30,000				
Automation	R		20,000	10,000		10,000	20,000				20,000	20,000
Rotork Valving	N		150,000									
LAGOON RELINNING	N			800,000	900,000							
Replace Roof WTP#2	R										75,000	
Replace Roof WTP#1	R								60,000			
Well Abandonement	Rs											20,000
Chlorine Regulators	R							10,000				
WTP Pump & Motor Rehab	R		7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
SUBTOTAL			**377,500**	**1,083,500**	**972,500**	**97,500**	**548,500**	**542,500**	**1,642,500**	**83,500**	**157,500**	**197,500**
Engineering(water)												
Eastside water main	N								500,000			
Misc Safety & Maint.	N		7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
US31/SR11 Water Main Loop Extension	N					675,000						
TAYLOR ROAD RELOCATIONS	RL			22,500	30,000							
CARR HILL RD RELOCATIONS	RL	105,000										
ROCKY FORD RD RELOCATIONS	RL		60,000	100,000								
INDIANA AVENUE RELOCATIONS	RL		25,000									
WESTENEDGE RELOCATIONS	RL			50,000								
SUBTOTAL			**92,500**	**180,000**	**37,500**	**682,500**	**7,500**	**7,500**	**507,500**	**7,500**	**7,500**	**7,500**
Information Systems(water)												
NASERV2 replacement	R				7,000					7,000		
NASERV3 replacement	R					7,000					7,000	
NASERV3 Hard Drive addition	R		2,000									
DC2008 replacement	R			7,000					7,000			
SCADASERVER replacement	R				7,000					7,000		
SCADASERVER2 replacement	R				7,000					7,000		
SCADASERVER3 replacement	R				7,000					7,000		
GEMSAPP replacement	R								25,000			
Webserv Replacement	R		7,000				7,000				7,000	
Broswer Server replacement	R		7,000					7,000				
Exchserv Server replacement	R						7,000					
Pltserv replacement	R			10,000						10,000		
wwServer001 replacement	R			7,000						7,000		

Project Name			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
PC's--replacement (includes 1 laptop and 2 pc's per utility)	R		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Printer/MFP replacements/upgrades	R		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Exchange upgrade (hardware, software, gordons)	R		9,000					9,000				
Wonderware Systems Platform - develop WP2 & Collection applications	R		10,000						10,000			
Harris Software Upgrades - FIN	R							60,000				
Harris Software Upgrades - UB	R			10,000					10,000			
inHance iRemote for Work Orders	R		10,000									
PC software upgrades(Windows)	R		2,000	1,000	1,000	1,000	1,000	1000	1,000	1000	1000	1,000
Upgrade Server OS Software (2008)	R		4,000	1,000		1,000		1,000		1,000		1,000
Backup Software upgrades	R		3,000			3,000			3000			3,000
Crystal Reports (software, license, training)	R		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
DMZ	R					3,000					3,000	
LAN Connections/Communications	R		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Wireless Communications	R		1,000		1,000		1,000		1000		1,000	
Rewire Project/Wire Cabinet	R		10,000						15,000			
Rack System (Rack, KVM Switch, Keyboard)	R			5,000				5,000				5,000
UPS for Rack System	N			2,000			2,000					
Phone system replacement/upgrade	R						30,000					
IVR system	R		25,000									
Barracuda replacement	R						3,000					3,000
Watchguard Firewall replacement	R		5,000			5,000			5,000			5,000
SQL Server software upgrade	R		4,000		4,000		4,000		4,000		4,000	
Sharepoint intranet setup	N		2,000									
SUBTOTAL			**109,500**	**51,500**	**42,500**	**28,500**	**63,500**	**91,500**	**89,500**	**55,500**	**31,500**	**26,500**
Quality Control(water)												
Carpeting	R		15,000					15000				
Replace Lab Cabinets	R		20,000									
Replacelab sinks	R			7,000								
Replace RO system	R						20,000					
HVAC Upgrade	R					20,000						
Bact Sterilizer	R				15,000							
Saftey	N		2,000	2,000	2,000	2,000	2,000	2000	2000			
Incubators	R								10000			
SUBTOTAL			**37,000**	**9,000**	**17,000**	**22,000**	**22,000**	**17,000**	**12,000**	**0**	**0**	**0**

Project Name				2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Vehicles(water)													
Dist - 4WD	2007	R	115				25,000						
Dist Service Body	2005	R	120		30,000								
Dist - Pickup	2001	R	121										
Dist. Serv. Body	2005	R	122		30,000								
Dist. Serv. Body	2003	R	123	45,000									
Dist - Dump Truck	1997	R	130		45,000								
Dist - Dump Truck	2004	R	131					45,000					
Dist - Pickup	2005	R	140		20,000								
Dist -Service Body	2011	R	141								30,000		
Dist - Light Van	2002	R	142							25,000			
Dist - Pickup	2003	R	143										
Dist - Pickup	2011	R	144								20,000		
Pool - Pickup	2002	R	305									20,000	
QC - Light Van	2011	R	403									25,000	
Engr - SUV	2002	R	300				35,000						
Engr - Jeep	2000	R	302										
WTP - Pickup	2001	R	100										
WTP - Sevice Body	2008	R	104					25,000					
WTP - Sevice Body	2007	R	105				45,000						
WTP - Well Rig	2006	R	190										
SUBTOTAL				**45,000**	**125,000**	**0**	**105,000**	**70,000**	**0**	**25,000**	**50,000**	**45,000**	**0**
				756,500	1,725,500	1,094,500	1,100,500	773,500	738,500	2,324,500	261,500	268,500	294,500

Columbus City Utilities
Long Range Capital Plan
Wastewater

R - Replacement
N - New Item
Rs - Restore or rehabilitate item
RL - Reqired relocation of facilities

Project Name			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Potential Bond Issue Projects												
Third St LS replacement	R		150,000	1,000,000								
17th St LS replacement	R				200,000	1,500,000						
SUBTOTAL			**150,000**	**1,000,000**	**200,000**	**1,500,000**	**-**	**-**	**-**	**-**	**-**	**-**
Collection												
LS Monitor System	R					10,000						
Line Extensions	R N		40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Sewer Relining/Joint Repair	Rs			500,000	500,000	500,000						
LS Rehabilitations	Rs		50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Air compressor	R			-					15,000			
Lateral Cutter Kit	N					4,000						
Arrow Board Replacement	R											7,000
Water Hose Replacement for Vactor	R		2,000		2,000		2,000		2,000		2,000	
Water Hose Replacement for Jet Truck	R			2,000		2,000		2,000		2,000		2,000
Replace Portable Backup Gen Set (1 of 3)	R						55,000					60,000
Trash Pump	R				2,500							
Pipe Saw/Cut Off Saw	R		3,000									
Hydraulic Pump (Lift Station Bypass)	R		30,000									
Excavation Upgrade (Combo Unit)	N		11,000									
SUBTOTAL			**136,000**	**592,000**	**594,500**	**606,000**	**147,000**	**92,000**	**107,000**	**92,000**	**92,000**	**159,000**
WWTP												
Garden City WWTP	R		10,000	20,000	40,000	60,000	80,000	100,000	120,000	140,000	180,000	200,000
Haw Creek Headworks and Mariah	R		10,000	10,000	15,000	15,000	20,000	20,000	25,000	30,000	40,000	50,000
SUBTOTAL			**20,000**	**30,000**	**55,000**	**75,000**	**100,000**	**120,000**	**145,000**	**170,000**	**220,000**	**250,000**
Engineering(Wastewater)												
Safety & Misc. Maint	N		7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
WWTP CLOSURE												
Seal Coat & Restripe Parking Lot	Rs			8,000			8,000			8,000		
TAYLOR ROAD RELOCATIONS	RL			45,000	60,000							
~~CARR HILL RD RELOCATIONS~~	~~RL~~	120,000										
WESTENEDGE	**RL**			**60,000**								
ROCKY FORD RD RELOCATIONS	RL			50,000								
INDIANA AVENUE RELOCATIONS	RL		25,000									

Project Name			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
GRIFFIN SEWER REHAB	Rs			100,000								
DAYS TRUCKING LS REHAB	Rs	40,000										
DUNN STADIUM SEWER	N		85,000									
SOUTHSIDE ODOR CONTROL	N		80,000									
HAW CREEK WEIR	Rpl		400,000									
SUBTOTAL			**599,514**	**272,515**	**69,516**	**9,517**	**17,518**	**9,519**	**9,520**	**17,521**	**9,522**	**9,523**
Administration												
Replace Roof - Service Center	R								100,000			
Light Replacement in Serv Ctr Garage	R							10,000				
Carpeting Replacement	R			**30,000**								
Paint Walls	R		10,000									
Windows	R		2,000									
HVAC UPGRADES	R		100,000				50,000					60,000
SUBTOTAL			**112,000**	**30,000**	**-**	**-**	**50,000**	**10,000**	**100,000**	**-**	**-**	**60,000**
Information Systems(Wastewater)												
NASERV2 replacement	R				7,000					7,000		
NASERV3 replacement	R					7,000					7,000	
NASERV3 Hard Drive addition	R		2,000									
DC2008 replacement	R			7,000					7,000			
SCADASERVER replacement	R				7,000					7,000		
SCADASERVER2 replacement	R				7,000					7,000		
SCADASERVER3 replacement	R				7,000					7,000		
GEMSAPP replacement	R								25,000			
Webserv Replacement	R		7,000				7,000				7,000	
Broswer Server replacement	R		7,000					7,000				
wwServer001 replacement	R			7,000					**7000**			
PC's--replacement (includes 1 laptop and 2 pc's per utility)	R		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	**30,000**	1,500
Printer/MFP replacements/upgrades	R		1,000	1,000	1,000	1,000	1,000	1,000	1,000	25,000	1,000	1,000
Exchange upgrade (hardware, software, gordons)	R		9,000					9,000				
Wonderware Systems Platform - develop WP2 & Collection applications	R		10,000						10,000			
Harris Software Upgrades - FIN	R							60,000				
Harris Software Upgrades - UB	R			10,000					10,000			
inHance iRemote for Work Orders	R		10,000									
PC software upgrades(Windows)	R		2,000	1,000	1,000	1,000	1,000	1000	1,000	1000	1000	1,000
Upgrade Server OS Software	R		4,000	1,000		1,000		1,000		1,000		1,000
Backup Software upgrades	R		3,000			3,000			3000			3,000

Project Name			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Crystal Reports (software, license, training)	R		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
DMZ	R					3,000					3,000	
LAN Connections/Communications	R		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Wireless Communications	N		1,000		1,000		1,000		1000		1,000	
Rewire Project/Wire Cabinet	R		10,000						15,000			
Rack System (Rack, KVM Switch, Keyboard)	R			5,000				5,000				5,000
UPS for Rack System	R			2,000			2,000					
Phone system replacement/upgrade	R						30,000					
IVR system	N		25,000									
Barracuda replacement	R						3,000					3,000
Watchguard Firewall replacement	R		5,000			5,000			5,000			5,000
SQL Server software upgrade	R		4,000		4,000		4,000		4,000		4,000	
Sharepoint intranet setup	R		2,000									
INTACT document Management	**R**		2,000	6,000								
Engineering Copier	**R**				**15,000**							
SUBTOTAL			**113,514**	**43,515**	**44,516**	**30,517**	**58,518**	**93,519**	**98,520**	**64,521**	**62,022**	**28,523**
Quality Control(Sewer)												
Automatic Samplers	R		3,000			3,000						
Repair Back-up Chiller	R											
Table top Sterilizer	R			5,000			5,000					
Field ph Meters	R				2,000							
Lab Oven	R											
ROTARY EVAPORATOR	R		8,000									
Kjeldahl racks	R					5,000						
BOD Incubator	R						7,500					
Spectrophotometer	R				5,000							
HVAC POP replacement	R		20,000									
DO Meter	R			2,500				2500				2500
Analytical Balance	R						6,000					
Atomic absorption unit	R			115,000								
ISE meter and probes	R				5,000			5000			5000	
SUBTOTAL			**31,000**	**122,500**	**12,000**	**8,000**	**18,500**	**7,500**	**-**	**-**	**5,000**	**2,500**
Vehicles												
WWTP - Pick-up 2005		200					20,000					
WWTP - 4WD Pickup 2011		202									25,000	
WWTP - Pickup 2000		204	25,000						20,000			
Electrician - Serv. Body 2008		240					25,000					
Mobile Crane 1994		293	150,000									

Project Name				2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WWTP - Dump Truck	2004		294					45,000					
Coll - 4WD Pickup	2002		215	30,000								30,000	
Coll - Serv. Body	2005		221			35,000							
Coll - Serv. Body	2005		222		35,000								
Coll - Serv. Body	2003		223									45,000	
Coll - Jet Truck	2012		250									200,000	
Coll - Vactor Truck	2008		251					300,000					
Coll - TV Truck	2005		254	250,000									
Engr. - Light Van	2007		303				25,000						
Engr. - Light Van	2002		304					25,000					
QC - SUV	2012		400									25,000	
QC - Light Van	2011		403								25,000		
QC - Light Van	2011		404								25,000		
Admin - SUV	2002		501	30,000								30,000	
SUBTOTAL				**487,014**	**37,015**	**37,016**	**27,017**	**417,018**	**2,019**	**22,020**	**52,021**	**357,022**	**2,023**
				1,629,042	2,097,545	957,548	2,181,051	708,554	214,557	337,060	226,063	525,566	261,569
				1,479,042	1,097,545	757,548	681,051	708,554	214,557	337,060	226,063	525,566	261,569

COLUMBUS CITY UTILITIES
1111 McClure Road
P.O. Box 1987
Columbus, IN 47202-1987

812-372-8861
812-376-2427 FAX
www.columbusutilities.org

New Business #2

August 8, 2013

To: Utility Service Board

From: Ed Bergsieker
Manager of Engineering

RE: Fox Ridge Subdivision, Phase 2
Acceptance of Water and Sewer Improvements

The Engineering department has observed the water and sewer facilities installed in conjunction with the above referenced development. We have provided on-site inspection during the construction process, obtained all necessary "as-built" information and conducted all necessary tests.

Staff has received the Tenders of Donation, the Engineer's Certification of Completion and a Maintenance Bond.

The project was constructed in compliance with plans and specifications prepared by Independent Land Surveying in Brownstown. The Owner/ Developer for this project is Cornerstone Development of Columbus.

Staff recommends acceptance of these improvements.