

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

ADMINISTRATION DEPARTMENT

2018 - 2019

2019 - 2020

2020 - 2021

2021 - 2022

2022 - 2023

PROJECT #

PROJECT DESCRIPTION

PROJECT #	PROJECT DESCRIPTION	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
A-1	Computer Hardware/Software Upgrades: Computer upgrades, credit card swipers, and other various equipment replacements. This cost does not include existing software and hardware maintenance costs, which are included in the Operating budget.	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
A-2	Security Cameras: Install security cameras at the pump house, Wilson Street Lift Station, and at substations to be monitored 24 hours per day by SCADA department at main office. Project to be broken down by location in the above order by year. Requires local recording devices and fiber to connect to main office network.	\$ 25,000	\$ 15,000			
A-3	Utility Technology Services: Contract with utility industry expert on aspects of the industry from billing to metering to SCADA to communication. This will ensure that we have a plan in place to follow as Smart Metering and other customer service enhancements evolve.	\$ 30,000				
A-4	PCs for Mobile Workforce: These funds would be for the purchase of computers/tablets to be used in the field with the Mobile Workforce software. It would allow for real time work orders, field updating of maps, and cut down on the multiple trips back and forth to the main office for information.	\$ 30,000	\$ 10,000			
A-5	Business Park Improvements: This project is to continue to improve the City/BPW owned Business Park just east of Shinn Lane to make the site more marketable for future businesses. The site has been certified with the State of Missouri and future improvements could be for stormwater management, new roadways and entrances, and possible other items. Development expenditures could be larger if tenant interest in the park increases.	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
A-6	Warehouse Roof Replacements: The BPW main office and inventory areas both are in need of roof replacements. Currently there are two separate roofs, one for the Business Office and a larger one for the Inventory and indoor parking area. \$150,000 will replace the remaining roof, which is around 20 years old, and nearing the end of its recommended life. Both roofs were inspected and recommended as shown in this plan.	\$ 150,000				

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

ADMINISTRATION DEPARTMENT

2018 - 2019

2019 - 2020

2020 - 2021

2021 - 2022

2022 - 2023

A-7	Facility Improvements: Our existing building is not designed to accomodate walk-in traffic, and repurposing our existing building will be difficult and expensive. Over time we will need to determine if we want to try to improve our current facility, purchase an additional customer service facility, or start from scratch with a new facility elsewhere. The budgeted facility improvements are Engineering = \$60,000, Construction = \$400,000	\$ 25,000	\$ 400,000			
A-8	Network Vulnerability Assessment: These funds would be to hire a consultant to scan our electronic systems and look for vulnerabilities. They would also make suggestions on how we could sure up these areas.		\$ 20,000			
A-9	Meter Changeout/AMI to AMR conversion: The water meter portion of the 2004 Meter Project is becoming more and more difficult to support. Most utilities are going a different direction. The idea is to try a small number of meters (maybe 100) with a new method and monitor the results. We may have to run multiple trials with multiple systems before we are ready to move forward with a complete new system.	\$ 130,000	\$ 2,000,000	\$ 2,000,000		
A-10	Fiber Switches: Once the fiber optics system is installed, we have to install switches at 14 locations so the fiber can be used to for SCADA communications, coporoate network, and future upgrades (like security cameras).	\$ 30,000				
A-11	Website Content Management Overhaul: Update the website architecture to make it easier to manage/update information and content. These funds would overhaul the HBPW, City Hall, Police Department, Economic Development and Parks & Recreation websites.	\$ 25,000				
A-12	Wonderware Historian Server at Main Office to Connect WTP and WWTP: To allow for better equipment control and monitoring.	\$ 30,000				
TOTAL ADMINISTRATIVE PROJECTS		\$ 645,000	\$ 2,615,000	\$ 2,170,000	\$ 170,000	\$ 170,000
PROPOSED BONDING						
FROM BPW FUNDS		\$ 645,000	\$ 2,615,000	\$ 2,170,000	\$ 170,000	\$ 170,000

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

ELECTRIC DEPARTMENT

2018 - 2019

2019 - 2020

2020 - 2021

2021 - 2022

2022 - 2023

PROJECT #

PROJECT DESCRIPTION

E-1	34.5 kV Loop Upgrades: Install a new 34.5 kV line from Oakwood Substation to Southside Substation. This would add flexibility and reliability to the electrical system.			\$ 1,250,000		
E-2	73 Line Replacement: Rebuild the existing 1973 constructed line from Marion Substation to Southside Substation along Hwy 79. This line is one of the main transmission lines feeding the City.				\$ 1,000,000	
E-3	34.5 kV Loop Upgrades: Reconductor (increase wire size) the existing 34.5 kV line from Southside Sub to Indian Mounds Sub from 477 to 795. This estimate includes new wire, poles, ect. This project would make the entire 34.5 kV loop 795 wire and add increased flexibility and more convenient maintenance to the system.					\$ 2,000,000
E-4	Bucket Truck #20: Replace the 2006 bucket truck with new.	\$ 235,000				
E-5	Street Light Upgrades - Thoroughfares: This yearly expense would support the street light improvement plan for thoroughfares.	\$ 200,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
E-6	Street Light Upgrades - Residential Neighborhoods: This yearly expense would support street light improvements requested by the community, HPD, etc.	\$ 300,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
E-7	Fleet Management: Continuous upgrades of the company fleet. Replace approximately two electric department utility vehicles per year.	\$ 100,000		\$ 100,000		\$ 100,000
E-8	Utility Relocations: The City and State have projects that come up throughout the year in which utilities need to be relocated. The Board approved a policy to budget a certain amount yearly to fund these relocations.	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
E-8a	City Department Assistance: The BPW periodically assists City departments (such as Parks and Recreation) with various lighting projects.	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

ELECTRIC DEPARTMENT

2018 - 2019

2019 - 2020

2020 - 2021

2021 - 2022

2022 - 2023

E-9	Substation Protective Relay Replacements: The current ABB relays will no longer be supported by the manufacturer within a couple of years. The equipment is outdated. The relays can be replaced all at once or substation by substation and the old ones used as spares. Ford and Red Devil = \$75,000 each, Indian Mounds and Southside = \$70,000 each, and West sub = \$50,000.	\$ 70,000	\$ 70,000			
E-10	Traffic Signal Upgrades: The BPW maintains 6 stop lights and the associated wiring and controls along Broadway. The existing equipment is aging and repair parts are difficult to come by. \$17,500 per year would allow for the upgrade of one location per year.	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500	\$ 17,500
E-11	Underground Conversion: This money would allow for the conversion of existing overhead to underground. Areas that are the most troublesome and difficult to maintain would be the top priority.	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
E-12	Solar Farm: This project would be to design and construct an approximate 2 MW solar farm. The power coming out of the farm would be used to hedge our exposure to the open market as well as a positive economic development tool. With the current government subsidies, the pricing is affordable. Also solar power offsets wind availability very nicely for our load duration curve.				\$ 200,000	\$ 2,500,000
E-13	Tree Trimming Equipment: We are considering the idea of bringing the tree trimming operations in house instead of contracting it out. These funds would be to purchase the upfront equipment (2 bucket trucks at \$100,000 each, 2 chipper trucks at \$45,000 each, and \$10,000 for various tools and smaller equipment) to get that process started. The existing contract expires in June of 2018 and will likely be renewed for 3 years. This does not cover the labor and benefit portion of the expenditures.		\$ 300,000			

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

ELECTRIC DEPARTMENT

2018 - 2019 2019 - 2020 2020 - 2021 2021 - 2022 2022 - 2023

E-14	IM Substation Rebuild: The Indian Mounds substation was originally constructed in the 1960's and in recent years the breakers and swithgear rebuilt or purchases new. The transformer is already in the planning stages of getting replaced. The remaining parts of the substation are original and nearing the end of their life expectancy. This project would be to update those components. Engineering is expected to take place in 2018-2019 with equipment rehabilitation and construction to follow.	\$ 140,000	\$ 1,500,000			
E-15	West Substation #2: It is anticipated that future electric load growth will take place in the Northwest area of the City. A new distribution substation in this area will improve reliability and better serve these customers. Work will be commenced in the future as electric demand requires.					\$ 1,000,000
SUBTOTAL ELECTRIC PROJECTS		\$ 1,302,500	\$ 2,327,500	\$ 1,807,500	\$ 1,657,500	\$ 6,057,500
PROPOSED BONDING		\$ -			\$ 200,000	\$ 2,500,000
FROM BPW FUNDS		\$ 1,302,500	\$ 2,327,500	\$ 1,807,500	\$ 1,457,500	\$ 3,557,500

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

WATER DEPARTMENT

2018 - 2019

2019 - 2020

2020 - 2021

2021 - 2022

2022 - 2023

PROJECT #

PROJECT DESCRIPTION

	DISTRIBUTION SYSTEM UPGRADES					
W-1	Replace Water Lines: Ongoing yearly expense to replace deteriorated and/or substandard water lines. Prioritization will be per the Water System Study & Owner Supervised Program, starting with the priority #2 items that are affordable.	\$ 200,000	\$ 200,000	\$ 300,000	\$ 500,000	\$ 500,000
W-2	Fire Department Needs List: Ongoing list from the Fire Department of locations where additional fire hydrants need to be installed to assist with fire protection.	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
W-3	Water Line/Hydraulic Upgrades for Industrial Area: This project would bring more water for usage and fire protection (ISO ratings) to the Industrial Park located near Warren Barrett Drive and Hwy 61, and it was a recommendation of the Water System Study. Work will commence as the need arises.					\$ 950,000
W-4	Utility Relocations: The City and State have projects that come up throughout the year in which utilities need to be relocated. The Board approved a policy to budget a certain amount yearly to fund these relocations. The larger amount shown in FY 18-19 is for the water related Riverfront improvements.	\$ 70,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
W-5	Leak Search: Water loss numbers are approximately 22% of water produced. These funds would allow for a contractor to perform leak searches through some areas of town, and potentially purchase new equipment to perform the leak searching ourselves.	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
W-6	West Side Booster Station: This was a priority #2 of the Water System Study. It is likely that land will have to be purchases in the area near West Ely and Head Lane in order to construct the booster station. The water lines are being installed as part of the current SRF bonding projects. (Land = \$50,000, Station = \$750,000). Work will commence as land becomes available and needs for the booster station arise.			\$ 50,000		

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

WATER DEPARTMENT		2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
WATER STORAGE TANKS						
W-7	Warren Barrett Tank Repainting: The 1990 built tank will be ready for a complete repainting. Inspections will continue yearly to monitor the existing paint condition. Mixing will also be added during the repainting to help with DBPs.	\$ 210,000				
W-8	Diemakers Tower Repainting: The original tank was constructed in 1996. Inspections will continue yearly to monitor the existing tank paint and structural conditions. It will likely be due for a repainting and minor structural repairs sometime soon after the Warren Barret Tank is completed. Maybe a package project with the Warren Barret Tank Repaint will make both projects more cost effective. Mixing will also need to be added. This project should wait for the upgrades to the Paris Gravel Booster Station to be completed to allow for more available water to the area while the tower is out of service.		\$ 180,000			
W-9	Tank Mixing: Install mixing in some of the storage tanks. This is a recommendation of the DBP Study. Mixing should reduce DBP potential, and assist with taste, odor, and water turnover issues. The plan is to install the mixing devices while a particular tank is out of service for a regularly scheduled inspection.	\$ 15,000	\$ 15,000			\$ 25,000
W-10	Southside Water Tower Demolition: Demolition of the existing Southside Tank does not qualify to be paid for by the MDNR SRF bond money. The property could sold after the demolition.	\$ 35,000				
W-11	Lead Service Line Replacement: Replace non-conforming service lines.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
VEHICLES						
W-12	Fleet Management: Continuous upgrades of the company fleet. Replace approximately one water department utility vehicle per year. Fiscal year 18-19 vehicle is a new truck 7 (Supervisors' truck).	\$ 30,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
W-13	Fleet Management: Replace Truck 1 (boom truck)(currently a 2013 model).				\$ 120,000	

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

WATER DEPARTMENT		2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
W-14	Fleet Management: Add a single-axle vac truck to assist with excavations. This price would be for a used unit.			\$ 100,000		
W-15	Backhoe: New backhoe		\$ 140,000			
WATER TREATMENT PLANT						
W-16	Plant Equipment Replacements/Upgrades: These items vary year to year, but include replacement and/or upgrading of the following equipment: repainting of the lime silo, pump rebuilds, treatment basin concrete repairs, tuck pointing of Filter and Chemical buildings, chemical feeders, meters, monitoring equipment, laboratory equipment, mixers, motors, etc.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
W-17	Paving of Driveways/Roadways: Currently the driving areas around the WTP are chip and seal. There may be an opportunity to cooperate with other City Departments.				\$ 75,000	
W-18	Control Upgrades: To improve remote monitoring and control. A high priority item would be an automatic plant shutdown feature.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
W-19	Chloramine Replacement Alternatives: Proposition 1 requires a new disinfection process to eliminate the use of ammonia by March 2020. Treatment options and financing methods are being considered.	\$ 2,000,000	\$ 11,000,000	\$ 2,000,000		
W-20	Energy Efficiency Upgrades: Changes to lights, heaters, etc. at both the WTP and Pumphouse, to save on energy costs.	\$ 50,000	\$ 50,000	\$ 50,000		
W-21	2400 to 480 volt conversion: To allow for more efficient equipment operation and save wear-and-tear on equipment.			\$ 250,000		
SUBTOTAL WATER PROJECTS		\$ 2,785,000	\$ 11,820,000	\$ 2,985,000	\$ 930,000	\$ 1,710,000
PROPOSED BONDING		\$ 2,000,000	\$ 11,000,000	\$ 2,000,000		
FROM BPW FUNDS		\$ 785,000	\$ 820,000	\$ 985,000	\$ 930,000	\$ 1,710,000

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

SEWER DEPARTMENT

2018 - 2019

2019 - 2020

2020 - 2021

2021 - 2022

2022 - 2023

PROJECT #

PROJECT DESCRIPTION

COLLECTION SYSTEM UPGRADES						
S-1	Inflow/Infiltration Correction: Ongoing yearly expenses for I & I corrections. These funds could go for investigation (flow meters), engineering, and repairs. This includes the work to be performed in the Surrey Hills watershed.	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
S-2	Sewer Line Replacements: Yearly replacement/ upgrade of deteriorated mains.	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
S-3	Downtown Sanitary Sewer Overflow (SSO) Elimination: The first 2 years of this project will be funded by the Sewer Bond issue. Also we are committed to spending specific amounts in our agreement with MDNR. It may include Manhole lining equipment/contracting (\$35,000), an easement cleaning machine (\$65,000), flow monitors, relining of specific sewer lines, and elimination of unneeded sewer lines.	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
S-4	Sewer System Flow Modeling: Use GIS data to have hydraulic flow modeling performed for entire sewer collection system by an engineering firm. The model will give more details about the sewer system to staff. This will assist with making decisions on sewer line replacements, upgrades, and new installations. The project is proposed to be broken down in to water sheds and done over multiple years.	\$ 50,000	\$ 50,000			
S-5	Utility Relocations: The City and State have projects that come up throughout the year in which utilities need to be relocated. The Board approved a policy to budget a certain amount yearly to fund these relocations.	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
S-6	Sewer System Planning Study: To expand upon the hydraulic model of the sewer system, this would be a planning study that would make a plan for sewer system improvements and ensure they are conducive to future development. Grant opportunities will be explored.			\$ 100,000		
S-7	Lift Station Rehabilitations: Currently there are 14 lift stations in the system. These funds would be for the continuous updating and replacement of the electrical, mechanical, and structural components of one lift station per year. Costs are estimated to be \$20,000 to \$50,000 depending on the lift station.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
WASTEWATER TREATMENT PLANT						

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

SEWER DEPARTMENT		2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023
S-8	NPDES Permit: This will involve improvements/changes to the disinfection process.	\$ 150,000				
S-9	Electric Upgrades to the Oxygen and Digested Pump Bldings: This project is to replace the existing electrical controls in the Oxygen and Digested pump buildings. The existing system was installed in 1981, and is nearing the end of its useful life. This would lower electrical and maintenance costs.					\$ 150,000
S-10	Barscreens Rehab: These funds would be to replace with new or rehabilitate the existing bar screens. The G&D Building project does not include replacing the 1981 installed screens, and frequent failures are occurring. Parts are almost impossible to find. Rebuilding the existing system with in house personnel should be much cheaper and will be explored. It is anticipated the first half of this project will be paid for during FY 17-18.	\$ 450,000				
S-12	Wilson Street Lift Station Flood Wall: This project would be to add a 1-2 feet to the current flood protection structure around the lift station. This would save from manually sandbagging on top of the wall during flooding conditions. Engineering = \$10,000, Construction = \$25,000. The door seals may also have to be replaced.		\$ 35,000			
S-13	RAS Building Pump Replacement: This pump is in need of replacement.	\$ 20,000				
S-14	Oxygen Sieve Replacement: The current sieve is from the original 1981 building and is past its useful life. Replacement would add efficiency to the oxygen production system and save electricity.	\$ 115,000				
S-15	Energy Efficiency Upgrades: Changes to lights, heaters, etc. to save on energy costs.	\$ 35,000	\$ 35,000	\$ 35,000		
S-16	Wilson Street Lift Station Resiliency: To add redundant electric to this lift station via a generator, additional electric circuit, etc.		\$ 50,000			
S-17	BPW Dump Station Improvements: Modifications to the grit chamber to improve the quality of the wastes dumped.			\$ 50,000		
S-18	RAS Piping: Adds efficiency and flexiblity to sludge/biosolids processing.	\$ 110,000				
VEHICLES			.	.	.	

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

SEWER DEPARTMENT		2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	
S-19	Fleet Management: Continuous upgrades of the company fleet. Replace approximately one sewer department utility vehicle per year.	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	
S-20	New Sewer Cleaning and Vacuum Truck: Currently there are two vacuum trucks. This new truck would replace the either of the two existing vacor trucks (1998 or 2008 version). The FY 18-19 amount reflects the remaining amount of the purchase we've already committed to.	\$ 215,000					new vac truck \$425,000
S-21	Skid Steer: A skid steer would allow the crews to access areas with more efficieny and could perform multiple functions around the HBPW.		\$ 80,000				
S-22	Excavator: An excavator could allow crews to operate more cost-effectively by perform work that currently requires a contractor.			\$ 100,000			
S-23	Camera Van: This would allow more options for assessing sanitary and storm sewers.		\$ 180,000				
S-24	Manhole Rehabilitation Machine: To facilitate manhole rehabilitation and replacement.	\$ 10,000					
S-25	Heavy Duty Trailer: To facilitate moving large equipment to job sites and for repair work.	\$ 20,000					
SUBTOTAL SEWER PROJECTS		\$ 1,975,000	\$ 1,230,000	\$ 1,085,000	\$ 800,000	\$ 950,000	
PROPOSED BONDING		\$ 500,000	\$ 500,000				
FROM BPW FUNDS		\$ 1,475,000	\$ 730,000	\$ 1,085,000	\$ 800,000	\$ 950,000	

HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS

STORMWATER DEPARTMENT

2018 - 2019

2019 - 2020

2020 - 2021

2021 - 2022

2022 - 2023

PROJECT #

PROJECT DESCRIPTION

COLLECTION SYSTEM UPGRADES						
SW-1	Failed Stormwater Structure Correction: Ongoing yearly expenses for corrections. Priority items include Martin Street, the old hospital, 7th Street, etc.	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
SW-2	Professional Services: Professional consulting assistance with rate design, utility development, and system assessment.	\$ 200,000	\$ 100,000			
SW-3	Vacuum Truck: As Stormwater utility work expands, it is anticipated that a vacuum truck dedicated to the utility will be needed					\$ 400,000
SW-4	Fleet Management: Ongoing additions and replacements of the fleet.		\$ 40,000			\$ 40,000
SW-5	GPS Equipment: Specialized equipment for the ongoing mapping and assessment of the Stormwater system.	\$ 30,000				
SUBTOTAL STORMWATER PROJECTS		\$ 430,000	\$ 340,000	\$ 200,000	\$ 200,000	\$ 640,000
PROPOSED BONDING						
FROM BPW FUNDS		\$ 430,000	\$ 340,000	\$ 200,000	\$ 200,000	\$ 640,000

**HBPW PROPOSED FIVE YEAR PLAN OF CAPITAL IMPROVEMENTS
SUMMARY OF ALL DEPARTMENTS**

2018 - 2019 2019 - 2020 2020 - 2021 2021 - 2022 2022 - 2023

SUBTOTAL ELECTRIC PROJECTS	\$ 1,302,500	\$ 2,327,500	\$ 1,807,500	\$ 1,657,500	\$ 6,057,500
PROPOSED BONDING	\$ -	\$ -	\$ -	\$ 200,000	\$ 2,500,000
FROM BPW FUNDS	\$ 1,302,500	\$ 2,327,500	\$ 1,807,500	\$ 1,457,500	\$ 3,557,500
SUBTOTAL WATER PROJECTS	\$ 2,785,000	\$ 11,820,000	\$ 2,985,000	\$ 930,000	\$ 1,710,000
PROPOSED BONDING	\$ 2,000,000	\$ 11,000,000	\$ 2,000,000	\$ -	\$ -
FROM BPW FUNDS	\$ 785,000	\$ 820,000	\$ 985,000	\$ 930,000	\$ 1,710,000
SUBTOTAL SEWER PROJECTS	\$ 1,975,000	\$ 1,230,000	\$ 1,085,000	\$ 800,000	\$ 950,000
PROPOSED BONDING	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -
FROM BPW FUNDS	\$ 1,475,000	\$ 730,000	\$ 1,085,000	\$ 800,000	\$ 950,000
SUBTOTAL STORMWATER PROJECTS	\$ 430,000	\$ 340,000	\$ 200,000	\$ 200,000	\$ 640,000
PROPOSED BONDING	\$ -	\$ -	\$ -	\$ -	\$ -
FROM BPW FUNDS	\$ 430,000	\$ 340,000	\$ 200,000	\$ 200,000	\$ 640,000
TOTAL ADMINISTRATIVE PROJECTS	\$ 645,000	\$ 2,615,000	\$ 2,170,000	\$ 170,000	\$ 170,000
PROPOSED BONDING	\$ -	\$ -	\$ -	\$ -	\$ -
FROM BPW FUNDS	\$ 645,000	\$ 2,615,000	\$ 2,170,000	\$ 170,000	\$ 170,000
FIVE YEAR PLAN DEPARTMENT TOTALS	\$ 7,137,500	\$ 18,332,500	\$ 8,247,500	\$ 3,757,500	\$ 9,527,500
PROPOSED BONDING	\$ 2,500,000	\$ 11,500,000	\$ 2,000,000	\$ 200,000	\$ 2,500,000
FIVE YEAR PLAN TOTAL FROM BPW FUNDS	\$ 4,637,500	\$ 6,832,500	\$ 6,247,500	\$ 3,557,500	\$ 7,027,500