

## 2021 Wastewater Capital Improvement - Project Summary Sources of Funds

<b>Trust Funds (Balance as of 12/31/20)</b>	
Wastewater Capital Improvement Fund	\$ 27,826,349
2013 Rev Replacement & Improvement Fund	\$ 2,225,157
2013 Reserve release with Bond Payoff in 2021	\$ 2,131,653
County Held Operating fund over \$2.0M	\$ 487,965
<b>Total On Hand</b>	<u>\$ 32,671,124</u>
<b>Additional Funds</b>	
From Operations for Capital Contribution (Est from historical averages)	\$ 1,200,000
From Operations for Capital Contribution Debt service funds not needed in	\$ 10,800,000
From Operations Principle & Interest Newtonsville \$8m/40yr Loan	\$ (990,797)
From Operations - System Capacity Charges (From 5 yr average)	\$ 11,500,000
Assessment Bonds/Notes/Private Funds - Future Projects(2021-2025)	\$ 5,291,080
Contribution to Meter Replacement	\$ (90,500)
Grants (OPWC, USDA, Duke)	\$ 3,863,560
OPWC (Issue II) & USDA/RD Loans	\$ -
<b>Total Source of Funds</b>	<u>\$ 64,244,467</u>
2021-2025 Rate Increase	\$ 3,125,344
Replacement & Improvement Requirement eliminated in 2022 with payoff of revenue bonds	
Capital Improvement Fund Contingency	\$ (5,000,000)
<b>Available Funding for 2021 - 2025 Construction Projects:</b>	<u>\$ 62,369,811</u>

Trust Funds not included above are not available for construction purposes (i.e. Bond Fund Interest, Bond Fund Principal, Escrow Funds)

## 2021 Wastewater Capital Improvement - Project Summary

	Description	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 yr. Total
6402-60186	Arc Flash Analysis & Labeling	450,000	128,300	121,700	200,000	-	-	-	-	450,000	321,700
6402-60168	Arrowhead Wastewater Treatment Plant Elimination	3,759,340	171,140	308,000	1,510,000	1,770,200	-	-	-	3,759,340	3,588,200
6402-60183	Backbone Creek Sewer Replacement	1,483,800	43,700	137,100	1,303,000	-	-	-	-	1,483,800	1,440,100
6402-60160	Bethel Area Sewer Replacement - Phase II	342,150	40,150	302,000	-	-	-	-	-	342,150	302,000
6402-60198	Bethel Lift Station EQ Facility	3,413,000	-	293,000	1,120,000	2,000,000	-	-	-	3,413,000	3,413,000
6402-60185	Bio-Solids Management Evaluation	42,925	29,595	13,330	-	-	-	-	-	42,925	13,330
6402-	Branch Hill Guinea Road Sewer Extension	50,000	-	50,000	-	-	-	-	-	50,000	50,000
6402-60173	Branch Hill Guinea Road Sewer Petition	188,080	9,080	179,000	-	-	-	-	-	188,080	179,000
6402-62002	Collection System Rehabilitation	8,700,000	-	-	-	2,000,000	2,000,000	2,350,000	2,350,000	8,700,000	6,350,000
6402-62008	Collection System Rehabilitation - 2019	630,800	547,400	83,400	-	-	-	-	-	630,800	83,400
6402-62009	Collection System Rehabilitation - Locust Lake, Bethel & SR 132 Areas	5,000,000	-	3,000,000	2,000,000	-	-	-	-	5,000,000	5,000,000
6402-	Computerized Maintenance Management System (CMMS)	150,000	-	-	150,000	-	-	-	-	150,000	150,000
6402-	Crescent Drive Lift Station Elimination	170,000	-	-	35,000	135,000	-	-	-	170,000	170,000
6402-60174	Deblin Drive Sewer Replacement	125,000	15,000	110,000	-	-	-	-	-	125,000	110,000
6402-60161	Deerfield Road Sewer Petition	202,400	5,400	14,000	183,000	-	-	-	-	202,400	197,000
6402-60192	Derbyshire Area SSES	75,000	-	75,000	-	-	-	-	-	75,000	75,000
6402-	Environmental Upgrades - WWTP's	4,070,000	-	-	-	-	-	-	4,070,000	4,070,000	-
6402-	Glendale and Glen Willow Sewer Replacement	470,000	-	-	70,000	400,000	-	-	-	470,000	470,000
6402-60169	Greenbriar Lift Station Improvements	1,178,960	110,460	568,500	500,000	-	-	-	-	1,178,960	1,068,500
6402-60103	Hall Run Sewer Replacement & EQ Expansion	3,273,190	13,690	89,500	1,270,000	1,900,000	-	-	-	3,273,190	3,259,500
6402-	Indianview Lift Station Improvements	429,240	39,240	15,000	25,000	350,000	-	-	-	429,240	390,000
6402-60170	Lewis Road Trunk Sewer	1,563,160	140,160	100,000	-	210,000	1,113,000	-	-	1,563,160	1,423,000

## 2021 Wastewater Capital Improvement - Project Summary

	Description	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 yr. Total
6402-60177	Liftstation Improvements	660,000	-	120,000	120,000	120,000	150,000	150,000	-	660,000	660,000
6402-60141	Locust Lake Lift Station and Conveyance Improvements	1,908,780	398,550	1,510,230	-	-	-	-	-	1,908,780	1,510,230
6402-	Lower East Fork WWTP Bio-Solids Improvements	1,770,000	-	-	-	-	-	-	1,770,000	1,770,000	-
6402-	Lower East Fork WWTP Expansion	14,150,000	-	-	-	-	650,000	2,250,000	11,250,000	14,150,000	2,900,000
6402-60193	Middle East Fork WWTP Improvements	3,267,000	-	50,000	200,000	1,515,000	1,502,000	-	-	3,267,000	3,267,000
6402-	Moeller Sewer Extension	150,000	-	150,000	-	-	-	-	-	150,000	150,000
6402-60116	Newtonsville Collection System Assessment	7,177,220	586,320	1,662,500	4,928,400	-	-	-	-	7,177,220	6,590,900
6402-60117	Newtonsville WWTP	5,583,360	588,420	1,260,960	3,733,980	-	-	-	-	5,583,360	4,994,940
6402-60148	Nine Mile Collection System Improvements	3,507,300	176,260	142,040	1,570,000	1,619,000	-	-	-	3,507,300	3,331,040
6402-60171	Nine Mile Creek WWTP Improvements	2,033,480	155,260	1,053,220	825,000	-	-	-	-	2,033,480	1,878,220
6402-60133	O'Bannon Trunk Sewer Improvements	3,448,900	198,900	-	-	-	-	400,000	2,850,000	3,448,900	400,000
6402-	O'Bannon Trunk Sewer Relocation	215,000	-	215,000	-	-	-	-	-	215,000	215,000
6402-	O'Bannon WWTP Bio-Solids Dewatering	1,880,000	-	-	-	-	-	-	1,880,000	1,880,000	-
6402-60142	O'Bannon WWTP Filter & Clarifier Improvements	5,122,050	4,974,800	147,250	-	-	-	-	-	5,122,050	147,250
6402-60190	Old SR 74 Sewer Petition	75,000	-	12,000	63,000	-	-	-	-	75,000	75,000
6402-	Olive Branch-Stonelick Sewer Extension	1,720,000	20,000	-	-	100,000	800,000	800,000	-	1,720,000	1,700,000
6402-	Orchard Valley Lift Station Upgrade	450,000	-	-	-	90,000	360,000	-	-	450,000	450,000
6402-	Owensville Lift Station Improvements	450,000	-	-	90,000	360,000	-	-	-	450,000	450,000
6402-	Paving Improvements	212,000	-	12,000	200,000	-	-	-	-	212,000	212,000
6402-60199	Pine Lane, Branch Hill Miami Road and Decade Lane Sewer Petition	740,000	-	80,000	225,000	435,000	-	-	-	740,000	740,000
6402-	Polo Fields II Lift Station Improvements	312,000	-	-	62,000	250,000	-	-	-	312,000	312,000
6402-	Shayler Run - Segment E	1,277,960	163,960	-	-	-	100,000	514,000	500,000	1,277,960	614,000

## 2021 Wastewater Capital Improvement - Project Summary

	Description	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 yr. Total
6402-60138	Shayler Run Upstream Sewer Upgrade	689,735	49,735	30,000	-	-	-	-	610,000	689,735	30,000
6402-	Shepherd Road Lift Station Improvements	1,312,000	-	-	150,000	662,000	500,000	-	-	1,312,000	1,312,000
6402-60183	SR 132 Lift Station Improvements	265,980	43,750	-	22,230	200,000	-	-	-	265,980	222,230
6402-	SR 132 Sewer Improvements	1,612,000	-	-	-	-	140,000	772,000	700,000	1,612,000	912,000
6402-	SR 32 at Bach Buxton Sewer Relocation	52,000	-	-	52,000	-	-	-	-	52,000	52,000
6402-60001	Utility Relocations	600,000	-	100,000	100,000	100,000	100,000	100,000	100,000	600,000	500,000
6402-60144	Wastewater Model Maintenance	200,000	14,500	60,500	25,000	25,000	25,000	25,000	25,000	200,000	160,500
6402-60049	Wastewater Stream Revetment	250,000	-	50,000	50,000	50,000	50,000	50,000	-	250,000	250,000
6402-	Wastewater Treatment Plant Rehabilitation	1,600,000	-	-	-	400,000	400,000	400,000	400,000	1,600,000	1,200,000
6402-60194	White Oak Lift Station Relocation & Upgrade	440,700	-	33,700	407,000	-	-	-	-	440,700	440,700
6402-60197	Whitmer Road Sewer Petition	89,855	-	26,455	63,400	-	-	-	-	89,855	89,855
6402-	Woodville Pike Sewer Petition	63,500	-	3,500	60,000	-	-	-	-	63,500	63,500
	<b>TOTAL</b>	99,052,865	8,663,770	12,178,885	21,313,010	14,691,200	7,890,000	7,811,000	26,505,000	99,052,865	63,884,095





**2021 Wastewater Capital Improvement - Project Summary**

	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total
Indianview Lift Station Improvements	-	429,240	39,240	15,000	25,000	350,000	-	-	-	429,240	390,000
	Capital Improvement Fund	-	39,240	15,000	25,000	350,000	-	-	-	429,240	390,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Lewis Road Trunk Sewer	LHR P2-T2	1,563,160	140,160	100,000	-	210,000	1,113,000	-	-	1,563,160	1,423,000
	Capital Improvement Fund	-	140,160	100,000	-	210,000	1,113,000	-	-	1,563,160	1,423,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Liftstation Improvements	-	660,000	-	120,000	120,000	120,000	150,000	150,000	-	660,000	660,000
	Capital Improvement Fund	-	-	120,000	120,000	120,000	150,000	150,000	-	660,000	660,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Locust Lake Lift Station and Conveyance Improvement	MEF P2-20	1,908,780	398,550	1,510,230	-	-	-	-	-	1,908,780	1,510,230
	Capital Improvement Fund	-	398,550	1,510,230	-	-	-	-	-	1,908,780	1,510,230
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Lower East Fork WWTP Bio-Solids Improvements	-	1,770,000	-	-	-	-	-	-	1,770,000	1,770,000	-
	Capital Improvement Fund	-	-	-	-	-	-	-	-	-	-
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Lower East Fork WWTP Expansion	-	14,150,000	-	-	-	-	650,000	2,250,000	11,250,000	14,150,000	2,900,000
	Capital Improvement Fund	-	-	-	-	-	650,000	2,250,000	11,250,000	14,150,000	2,900,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Middle East Fork WWTP Improvements	MEF-P1-T1	3,267,000	-	50,000	200,000	1,515,000	1,502,000	-	-	3,267,000	3,267,000
	Capital Improvement Fund	-	-	50,000	200,000	1,515,000	1,502,000	-	-	3,267,000	3,267,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Moeller Sewer Extension	-	150,000	-	150,000	-	-	-	-	-	150,000	150,000
	Capital Improvement Fund	-	-	150,000	-	-	-	-	-	150,000	150,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Newtonsville Collection System Assessment	SLC-P1-T1	7,177,220	586,320	1,662,500	4,928,400	-	-	-	-	7,177,220	6,590,900
	Capital Improvement Fund	-	504,455	1,662,500	4,928,400	(6,736,135)	-	-	-	359,220	(145,235)
	Assessment	-	-	-	-	4,218,000	-	-	-	4,218,000	4,218,000
	Loan USDA/RD Grant - USDA/RD & OPWC	-	81,865	-	-	2,518,135	-	-	-	2,600,000	2,518,135
Newtonsville WWTP	SLC-P1-T1	5,583,360	588,420	1,260,960	3,733,980	-	-	-	-	5,583,360	4,994,940
	Capital Improvement Fund	-	533,845	1,260,960	3,733,980	(1,345,425)	-	-	-	4,183,360	3,649,515
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant - USDA/RD & OPWC	-	54,575	-	-	1,345,425	-	-	-	1,400,000	1,345,425





### 2021 Wastewater Capital Improvement - Project Summary

	Funding Source	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	*Adj. 5 Yr Total
Wastewater Model Maintenance	-	200,000	14,500	60,500	25,000	25,000	25,000	25,000	25,000	200,000	160,500
	Capital Improvement Fund	-	14,500	60,500	25,000	25,000	25,000	25,000	25,000	200,000	160,500
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Wastewater Stream Revetment	-	250,000	-	50,000	50,000	50,000	50,000	50,000	-	250,000	250,000
	Capital Improvement Fund	-	-	50,000	50,000	50,000	50,000	50,000	-	250,000	250,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Wastewater Treatment Plant Rehabilitation	-	1,600,000	-	-	-	400,000	400,000	400,000	400,000	1,600,000	1,200,000
	Capital Improvement Fund	-	-	-	-	400,000	400,000	400,000	400,000	1,600,000	1,200,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
White Oak Lift Station Relocation & Upgrade	-	440,700	-	33,700	407,000	-	-	-	-	440,700	440,700
	Capital Improvement Fund	-	-	33,700	407,000	-	-	-	-	440,700	440,700
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
Whitmer Road Sewer Petition	-	89,855	-	26,455	63,400	-	-	-	-	89,855	89,855
	Capital Improvement Fund	-	-	26,455	63,400	(58,400)	-	-	-	31,455	31,455
	Assessment	-	-	-	-	58,400	-	-	-	58,400	58,400
	Loan	-	-	-	-	-	-	-	-	-	-
Woodville Pike Sewer Petition	-	63,500	-	3,500	60,000	-	-	-	-	63,500	63,500
	Capital Improvement Fund	-	-	3,500	60,000	(58,680)	-	-	-	4,820	4,820
	Assessment	-	-	-	-	58,680	-	-	-	58,680	58,680
	Loan	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	Expenditures	99,052,865	8,663,770	12,178,885	21,313,010	14,691,200	7,890,000	7,811,000	26,505,000	99,052,865	63,884,095
	Capital Improvement Fund	87,991,785	8,527,330	12,178,885	21,192,010	5,657,560	7,890,000	7,811,000	24,735,000	87,991,785	54,729,455
	Assessment	5,291,080	-	-	121,000	5,170,080	-	-	-	5,291,080	5,291,080
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	4,000,000	136,440	-	-	3,863,560	-	-	-	4,000,000	3,863,560

\*Adjusted 5 year plan = 2021-2025 Expenditure Plan

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Arc Flash Analysis & Labeling	<b>Project No.:</b>	6402-60186	<b>Project Manager:</b>	CR	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Identification and labeling of arc flash hazards at various locations in the wastewater treatment and collection system to assist with NFPA70E compliance.					<b>Justification:</b>	Petition BOH Master Plan XL Capacity Need Consent Order Other
<b>Township</b>	County Wide					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	na	O&M/year	<b>Resolutions:</b>		RAGP RADP RON RDTP	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
<b>Preliminary Engineering</b>										\$0	
Date Complete:											
<b>Detail Plans</b>										\$0	
Date Complete:											
<b>Land/Easements</b>										\$0	
<b>Construction Engineering and Inspection</b>										\$0	
General Contractor		\$450,000	\$128,300	\$121,700	\$200,000					\$450,000	
<b>Misc</b>										\$0	
<b>Total</b>		\$450,000	\$128,300	\$121,700	\$200,000	\$0	\$0	\$0	\$0	\$450,000	
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	128,300	\$	121,700	\$	200,000	\$	-	\$	450,000
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**  
 Protection of employees from work place hazards.  
 Compliance with NFPA70E.

**Problems:**

**Notes:**  
 Combined project with Water CIP.  
 2022 funds for additional lift station analysis and labeling.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b> Arrowhead Wastewater Treatment Plant Elimination	<b>Project No.:</b> 6402-60168	<b>Project Manager:</b> AK	<b>Date of Update:</b> 31-Jan-21
<b>Description:</b> Elimination of a package wastewater treatment plant constructed in 1972. Flow to be directed to Wards Corner Regional WWTP.			<b>Justification:</b> Petition BOH Master Plan XL Capacity Need LHR-P2-T2 Consent Order Other
<b>Township:</b> Miami			<b>Coordinates:</b>
<b>Annual Effect on Operations:</b> \$ 5,000 O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP		<b>Construction:</b> Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b> no			
<b>Special Conditions:</b>			

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
Preliminary Engineering		\$109,940	\$109,940							\$109,940	
<b>Date Complete:</b>											
Detail Plans		\$224,200	\$61,200	\$163,000						\$224,200	
<b>Date Complete:</b>											
Land/Easements		\$100,000		\$100,000						\$100,000	
	Geotech	\$25,000		\$25,000						\$25,000	
Construction Engineering and Inspection										\$0	
General Contractor		\$3,270,200			\$1,500,000	\$1,770,200				\$3,270,200	
Misc		\$30,000		\$20,000	\$10,000					\$30,000	
<b>Total</b>		<b>\$3,759,340</b>	<b>\$171,140</b>	<b>\$308,000</b>	<b>\$1,510,000</b>	<b>\$1,770,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,759,340</b>	
<b>Funding Source:</b>	Capital Improvement Fund	\$	171,140	\$	308,000	\$	1,510,000	\$	1,770,200	\$	3,759,340
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**  
Eliminates an aging package plant and assists with regionalization.

**Problems: Easements, Manpower, Materials, Weather, etc**

**Notes:**  
Elimination of package plant will require approximately 3 miles of gravity sewer routed along the bike trail.  
Lift Station Option will require a new lift station, approximately 1 mile of force main, and approximately 3,000 feet of sewer from the Indian Lookout LS on the Todd (Gun Club) property.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Backbone Creek Sewer Replacement	Project No.:	6402-60183	Project Manager:	TL	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Replacement and relocation of approximately 2000 feet of existing 18" sanitary sewers near manholes 3189 and 3190, along SR 132 and Back Bone Creek. New sewer will include jack & bore installation under SR 132.					<b>Justification:</b>	Petition BOH Master Plan XL	Capacity <u>Need</u> Consent Order <u>Other</u>
<b>Township</b>	Batavia					<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 900 O&M/Year	<b>Resolutions:</b>	RAGP RADP RON RDTP			<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	no							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
<b>Date Complete:</b>										
<b>Detail Plans</b>		\$65,800	\$43,700	\$22,100						\$65,800
<b>Date Complete:</b>		\$100,000		\$100,000						\$100,000
<b>Land/Easements</b>		\$15,000		\$15,000						\$15,000
<b>Construction Engineering and Inspection</b>										\$0
<b>General Contractor</b>		\$1,283,000			\$1,283,000					\$1,283,000
<b>Misc</b>		\$20,000			\$20,000					\$20,000
<b>Total</b>		\$1,483,800	\$43,700	\$137,100	\$1,303,000	\$0	\$0	\$0	\$0	\$1,483,800
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 43,700	\$ 137,100	\$ 1,303,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,483,800
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Replaces existing sanitary sewers compromised by Backbone Creek.

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Bethel Area Sewer Replacement - Phase II	Project No.:	6402-60160	Project Manager:	CR	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Phase II of replacement and upsizing of approximately 1,151 feet of various size sewer mains in the Bethel area to address capacity issues identified during flow monitoring study completed in 2012 & 2013.					<b>Justification:</b>	Petition BOH Master Plan XL MEF-P2-06 Capacity Need Consent Order Other
<b>Township</b>						<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 500 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	yes						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
Date Complete:										
<b>Detail Plans</b>		\$27,700	\$27,700							\$27,700
Date Complete:										
<b>Land/Easements</b>		\$8,350	\$8,350							\$8,350
<b>Construction Engineering and Inspection</b>										\$0
General Contractor		\$300,000		\$300,000						\$300,000
<b>Misc</b>		\$2,000		\$2,000						\$2,000
Permit		\$4,100	\$4,100							\$4,100
<b>Total</b>		\$342,150	\$40,150	\$302,000	\$0	\$0	\$0	\$0	\$0	\$342,150
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 40,150	\$ 302,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 342,150
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Reduces and/or eliminates wet weather overflows at the Bethel Lift Station.  
 Project addresses parts of WWMPU Projects MEF P2-08, P1-02, P1-01, P2-07, P2-06, P2-05

**Problems: Easements, Manpower, Materials, Weather, etc**

**Notes:**  
 Phase II of the Bethel Area Sewer Replacement Project.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Bethel Lift Station EQ Facility	<b>Project No.:</b>	6402-60198	<b>Project Manager:</b>	TL	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Construction of an additional one million gallons of equalization storage for wet weather events and lift station electrical upgrades.					<b>Justification:</b>	Petition BOH Master Plan MEF-P2-08 Capacity Need Consent Order Other
<b>Township</b>	Tate					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 3,000 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$293,000		\$293,000						\$293,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$3,100,000			\$1,100,000	\$2,000,000				\$3,100,000
Misc		\$20,000			\$20,000					\$20,000
										\$0
<b>Total</b>		<b>\$3,413,000</b>	<b>\$0</b>	<b>\$293,000</b>	<b>\$1,120,000</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,413,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 293,000	\$ 1,120,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 3,413,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Reduces and/or eliminates wet weather overflows at the Bethel Lift Station.

**Problems: Easements, Manpower, Materials, Weather, etc**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Bio-Solids Management Evaluation	<b>Project No.:</b>	6402-60185	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Evaluation and development of an effective short and long term bio-solids handling plan for the material produced at the wastewater treatment plants.					<b>Justification:</b>	Petition BOH Master Plan XL Capacity Need Consent Order Other
<b>Township</b>	County Wide					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	unknown	O&M/year	<b>Resolutions:</b>		RAGP RADP RON RDTP	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
Preliminary Engineering		\$42,925	\$29,595	\$13,330						\$42,925	
Date Complete:											
Detail Plans										\$0	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor										\$0	
Misc										\$0	
<b>Total</b>		<b>\$42,925</b>	<b>\$29,595</b>	<b>\$13,330</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$42,925</b>	
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	29,595	\$	13,330	\$	-	\$	-	\$	42,925
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**  
Improved bio-solids handling.

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Branch Hill Guinea Road Sewer Extension	Project No.:	6402-	Project Manager:		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	County contribution for the associated cost to install laterals along the sewer alignment.				<b>Justification:</b>	Petition BOH Master Plan XL	Capacity <u>Need</u> Consent Order <u>Other</u>
<b>Township</b>	Miami				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 300 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	no						
<b>Special Conditions:</b>	Coordinate w/ Miami Township						

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$50,000		\$50,000						\$50,000
Misc										\$0
<b>Total</b>		\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Funding Source:</b>	Capital Improvement Fund	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
County contribution for lateral installation.

**Problems: Easements, Manpower, Materials, Weather, etc**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Branch Hill Guinea Road Sewer Petition	<b>Project No.:</b>	6402-60173	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Installation of approximately 320' feet of 8" sanitary sewer to serve the residents along Branch Hill Guinea Road from Miami Trails Drive to Lewis Road.					<b>Justification:</b>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Petition</span>              BOH              Master Plan              XL         </div> <div style="text-align: center;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Capacity Need</span>              Consent Order              Other         </div> </div>	
<b>Township</b>	Miami	<b>Resolutions:</b>					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 100 O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP					<b>Construction:</b> Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>	Petition							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans		\$3,440	\$3,440							\$3,440	
Date Complete:											
Land/Easements		\$2,000	\$2,000							\$2,000	
Construction Engineering and Inspection										\$0	
General Contractor		\$179,000		\$179,000						\$179,000	
Misc		\$3,640	\$3,640							\$3,640	
<b>Total</b>		<b>\$188,080</b>	<b>\$9,080</b>	<b>\$179,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$188,080</b>	
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	9,080	\$	179,000	\$	(121,000)	\$	-	\$	67,080
	<b>Assessment</b>	\$	-	\$	-	\$	121,000	\$	-	\$	121,000
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**

  
  
  

**Problems: Easements, Manpower, Materials, Weather, etc**

  
  
  

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Collection System Rehabilitation	<b>Project No.:</b>	6402-62002	<b>Project Manager:</b>	TL	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	This work will include rehabilitation of existing portions of the collection system that have reached their useful life. Areas will be identified and prioritized using CCTV data.					<b>Justification:</b>	Petition BOH Master Plan XL Capacity Need Consent Order Other
<b>Township</b>	Countywide					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ -	O&M/Year		<b>Resolutions:</b>	RAGP RADP RON RDTP	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$8,700,000				\$2,000,000	\$2,000,000	\$2,350,000	\$2,350,000	\$8,700,000
Misc										\$0
<b>Total</b>		<b>\$8,700,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,350,000</b>	<b>\$2,350,000</b>	<b>\$8,700,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000	\$ 2,350,000	\$ 2,350,000	\$ 8,700,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Rehabilitates (slip lining, pipe bursting, etc.) existing, deteriorated infrastructure.

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Collection System Rehabilitation - 2019	<b>Project No.:</b>	6402-62008	<b>Project Manager:</b>	TL	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Rehabilitation of approximately 2,601 linear feet of existing 8" & 12" sanitary sewers, manholes and laterals starting at the end of David Ct. and extending behind Anthony Ln. and David Ct. in a westerly direction to Cook Rd. Requires the replacement of one manhole and approximately 100 feet of existing 8" sanitary sewer.					<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Miami					<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ -	O&M/year		<b>Resolutions:</b>	RAGP RADP RON RDTP	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
<b>Preliminary Engineering</b>										\$0	
Date Complete:											
<b>Detail Plans</b>										\$0	
Date Complete:											
<b>Land/Easements</b>										\$0	
<b>Construction Engineering and Inspection</b>										\$0	
<b>General Contractor</b>		\$602,100	\$518,700	\$83,400						\$602,100	
	Davey Tree	\$26,500	\$26,500							\$26,500	
<b>Misc</b>		\$2,200	\$2,200							\$2,200	
<b>Total</b>		\$630,800	\$547,400	\$83,400	\$0	\$0	\$0	\$0	\$0	\$630,800	
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	547,400	\$	83,400	\$	-	\$	-	\$	630,800
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**  
Rehabilitates by slip lining existing, deteriorated infrastructure.

**Problems: Easements, Manpower, Materials, Weather, etc**  
Site access

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Collection System Rehabilitation - Locust Lake, Bethel & SR 132 Areas	Project No.:	6402-62009	Project Manager:	TL	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Rehabilitation of approximately 17,770 linear feet of existing 8" sanitary sewers, 356 lateral linings, installation of 356 lateral cleanouts and lining of existing manholes in various areas of the Village of Bethel and the former Village of Amelia, and along SR 132 north of US 50.					<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Tate, Pierce & Stonelick					<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ - O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP			<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$5,000,000		\$3,000,000	\$2,000,000					\$5,000,000
Misc										\$0
<b>Total</b>		<b>\$5,000,000</b>	<b>\$0</b>	<b>\$3,000,000</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 3,000,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 5,000,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Rehabilitates (slip lining, pipe bursting, etc.) existing, deteriorated infrastructure.  
 Assists in the removal of I/I.

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Computerized Maintenance Management System (CMMS)	Project No.:	6402-	Project Manager:		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Purchase of single CMMS software to be used throughout the Water Resources Department to track maintenance needs, work orders, etc.				<b>Justification:</b>	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other	
<b>Township</b>	N/A				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>	50% Water/50% Sewer funds						

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total			
<b>Preliminary Engineering</b>										\$0			
Date Complete:													
<b>Detail Plans</b>										\$0			
Date Complete:													
<b>Land/Easements</b>										\$0			
<b>Construction Engineering and Inspection</b>										\$0			
<b>General Contractor</b>										\$0			
<b>Misc</b>		\$150,000			\$150,000					\$150,000			
<b>Total</b>		\$150,000	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000			
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	-	\$	-	\$	150,000	\$	-	\$	-	\$	150,000
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**  
Replaces existing antiquated system.

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Crescent Drive Lift Station Elimination	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Addition of approximately 900 feet of 8" sanitary sewer to eliminate the Crescent Drive Lift Station.				<b>Justification:</b>	Petition BOH Master Plan XL	
<b>Township</b>	Pierce					<b>Coordinates:</b>	Capacity Need Consent Order Other
<b>Annual Effect on Operations:</b>	\$ 300 O&M/year	RAGP RADP RON RDTP				<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$25,000			\$25,000					\$25,000
Date Complete:										
Land/Easements		\$10,000			\$10,000					\$10,000
Construction Engineering and Inspection										\$0
General Contractor		\$135,000				\$135,000				\$135,000
Misc										\$0
<b>Total</b>		<b>\$170,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>	<b>\$135,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$170,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ 35,000	\$ 135,000	\$ -	\$ -	\$ -	\$ 170,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**

  
  
  

**Problems: Easements**

  
  
  

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Deblin Drive Sewer Replacement	<b>Project No.:</b>	6402-60174	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Replacement of approximately 71 feet of existing 8" clay sanitary sewer between manholes 4477 and 4452 and two point repairs at lateral connections along Deblin Drive.					<b>Justification:</b>	Petition BOH Master Plan XL	
<b>Township</b>	Miami	<b>Resolutions:</b>					<b>Coordinates:</b>	Capacity Need Consent Order Other
<b>Annual Effect on Operations:</b>	\$ - O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP					<b>Construction:</b>	<b>Bid Opening:</b>
<b>Easements Procured:</b>	na						<b>Contract Award:</b>	
<b>Special Conditions:</b>							<b>Contract Execution:</b>	<b>Notice to Proceed:</b>

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
Preliminary Engineering		\$0								\$0	
Date Complete:											
Detail Plans		\$3,600	\$3,600							\$3,600	
Date Complete:											
Land/Easements		\$0								\$0	
Construction Engineering and Inspection		\$0								\$0	
General Contractor		\$110,000		\$110,000						\$110,000	
Misc		\$2,700	\$2,700							\$2,700	
	goe tech	\$8,700	\$8,700							\$8,700	
<b>Total</b>		<b>\$125,000</b>	<b>\$15,000</b>	<b>\$110,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,000</b>	
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	15,000	\$	110,000	\$	-	\$	-	\$	110,000
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**

  
  

**Problems: Depth & existing trench box.**

  
  

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Deerfield Road Sewer Petition	<b>Project No.:</b>	6402-60161	<b>Project Manager:</b>	CR	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Installation of approximately 1020' feet of 8" sanitary sewer to serve the residents along Deerfield Road starting south of the intersection of Woodville Pike to approximately 1000' north of Mills of Miami Blvd.					<b>Justification:</b>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Petition</span>                  BOH                  Master Plan                  XL             </div> <div style="text-align: center;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Capacity Need</span>                  Consent Order                  Other             </div> </div>
<b>Township</b>	Goshen and Miami					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 250 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	NO						
<b>Special Conditions:</b>	Petition						

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total											
<b>Preliminary Engineering</b>										\$0											
Date Complete:																					
<b>Detail Plans</b>		\$5,400	\$5,400							\$5,400											
Date Complete:																					
<b>Land/Easements</b>		\$4,000		\$4,000						\$4,000											
<b>Construction Engineering and Inspection</b>										\$0											
General Contractor		\$177,400			\$177,400					\$177,400											
<b>Misc</b>		\$15,600		\$10,000	\$5,600					\$15,600											
<b>Total</b>		\$202,400	\$5,400	\$14,000	\$183,000	\$0	\$0	\$0	\$0	\$202,400											
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	5,400	\$	14,000	\$	183,000	\$	(180,000)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	22,400
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	180,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	180,000
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**

  
  

**Problems: Easements, Manpower, Materials, Weather, etc**

  
  

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Derbyshire Area SSES	<b>Project No.:</b>	6402-60192	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Evaluation of the wastewater collection system upstream of manhole 5152, towards Derbyshire Lane, to quantify and identify I/I sources and recommend improvements to correct.					<b>Justification:</b>	Petition BOH <u>Master Plan</u> XL	Capacity <u>Need</u> Consent Order Other
<b>Township</b>	Miami						<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	unknown	O&M/year	<b>Resolutions:</b>		RAGP RADP RON RDTP	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering		\$75,000		\$75,000						\$75,000
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor										\$0
Misc										\$0
<b>Total</b>		<b>\$75,000</b>	<b>\$0</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Evaluation and recommendations for improvement of existing collection system.

**Problems:**

**Notes:**  
Multiple homes in area with backwater valves due to history of basement backups.  
Flow monitoring in Spring 2021.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Environmental Upgrades - WWTP's	Project No.:	6402-	Project Manager:		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Treatment plant upgrades to address new permit limits as a result of the TMDL for East Fork of the Little Miami River (EFLMR).				<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Countywide				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	unknown	O&M/Year	<b>Resolutions:</b> RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$370,000							\$370,000	\$370,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$3,700,000							\$3,700,000	\$3,700,000
Misc										\$0
<b>Total</b>		<b>\$4,070,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,070,000</b>	<b>\$4,070,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,070,000	\$ 4,070,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Will bring WWTP's into compliance with anticipated OEPA permit limit requirements established in NPDES Permits Requirements to address Senate Bill 1 completed December, 2017.

**Problems:**

**Notes: Anticipated Costs**  
 Wards Corner WWTP \$526,000  
 O'Bannon WWTP \$422,000  
 MEF WWTP \$1.3M  
 LEF WWTP \$1.1M  
 Nine Mile WWTP \$341,000

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Glendale and Glen Willow Sewer Replacement	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Flow monitoring and model calibration to determine limits of required sewer replacement, or identify area with high I/I sources for possible I/I elimination. Anticipate replacing approximately 1,625 feet of existing 8" sanitary sewer with 12", from manhole 1863 to manhole 1780.				<b>Justification:</b>	Petition BOH Master Plan XL	
<b>Township</b>	Union				<b>Coordinates:</b>	Capacity Need Consent Order Other	
<b>Annual Effect on Operations:</b>	\$ 700 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering		\$30,000			\$30,000					\$30,000
Date Complete:										
Detail Plans		\$40,000			\$40,000					\$40,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$400,000				\$400,000				\$400,000
Misc										\$0
<b>Total</b>		<b>\$470,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$70,000</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$470,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ 70,000	\$ 400,000	\$ -	\$ -	\$ -	\$ 470,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**

  
  

**Problems: Easements, Manpower, Materials, Weather, etc**

  
  

**Notes:**  
Flow monitoring spring 2022

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Greenbriar Lift Station Improvements	<b>Project No.:</b>	6402-60169	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Evaluation and upgrade to the existing lift station wet well, valve vault, pumps, piping, controls, control panel, valves, addition of a back up power generator and the replacement of the existing force main.					<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>						<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 500 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP			<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	no							
<b>Special Conditions:</b>	Railroad Right of Way							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
<b>Date Complete:</b>										
<b>Detail Plans</b>		\$105,000	\$103,600	\$1,400						\$105,000
<b>Date Complete:</b>	Geotech	\$4,360	\$4,360							\$4,360
<b>Land/Easements</b>		\$30,000		\$30,000						\$30,000
<b>Construction Engineering and Inspection</b>										\$0
<b>General Contractor</b>		\$1,027,100		\$527,100	\$500,000					\$1,027,100
<b>Misc</b>		\$10,000		\$10,000						\$10,000
<b>Permits</b>		\$2,500	\$2,500							\$2,500
<b>Total</b>		\$1,178,960	\$110,460	\$568,500	\$500,000	\$0	\$0	\$0	\$0	\$1,178,960
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 110,460	\$ 568,500	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,178,960
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Replaces aging lift station and force main installed in 1972 that is reaching the end of its useful life. Addition of backup power supply.

**Problems: Easements and railroad access.**

**Notes:**



## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Indianview Lift Station Improvements	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Replacement/relocation of existing lift station and force main.				<b>Justification:</b>	Petition BOH Master Plan XL	<div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Capacity</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Need</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Consent Order</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Other</div>
<b>Township</b>	Miami				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 500 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	<b>Bid Opening:</b> <b>Contract Award:</b> <b>Contract Execution:</b> <b>Notice to Proceed:</b>	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
<b>Date Complete:</b>										
<b>Detail Plans</b>		\$64,240	\$39,240		\$25,000					\$64,240
<b>Date Complete:</b>										
<b>Land/Easements</b>		\$15,000		\$15,000						\$15,000
<b>Construction Engineering and Inspection</b>										\$0
<b>General Contractor</b>		\$350,000				\$350,000				\$350,000
<b>Misc</b>										\$0
<b>Total</b>		\$429,240	\$39,240	\$15,000	\$25,000	\$350,000	\$0	\$0	\$0	\$429,240
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 39,240	\$ 15,000	\$ 25,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 429,240
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Replaces aged liftstation

**Problems:**  
Alignment, easements

**Notes:**  
Formerly Project No. 651-0857  
Obtain easements along an alignment before formal design states.  
Address: 6332 Branch Hill Miamiville

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Lewis Road Trunk Sewer	<b>Project No.:</b>	6402-60170	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	5,500 feet of 12" trunk sewer along Lewis Road from the Belle Meade LS southwest to the new Lewis Road LS including a 500' bore under I-275.					<b>Justification:</b>	Petition BOH Master Plan XL LHR P2-T2 Capacity Need Consent Order Other	
<b>Township</b>	Miami	<b>Resolutions:</b> RAGP RADP RON RDTP					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 1,000 O&M/year						<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
<b>Date Complete:</b>										
<b>Detail Plans</b>		\$114,800	\$114,800							\$114,800
<b>Date Complete:</b>	geotech	\$12,730	\$12,730							\$12,730
<b>Land/Easements</b>		\$100,000		\$100,000						\$100,000
<b>Date Complete:</b>	survey	\$4,030	\$4,030							\$4,030
<b>Construction Engineering and Inspection</b>										\$0
<b>General Contractor</b>		\$1,313,000				\$200,000	\$1,113,000			\$1,313,000
<b>Misc</b>		\$18,600	\$8,600			\$10,000				\$18,600
<b>Total</b>		\$1,563,160	\$140,160	\$100,000	\$0	\$210,000	\$1,113,000	\$0	\$0	\$1,563,160
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 140,160	\$ 100,000	\$ -	\$ -	\$ 210,000	\$ 1,113,000	\$ -	\$ -	\$ 1,563,160
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Project eliminates the Belle Meade LS and transfers flow from the Miami Trails WWTP to the Wards Corner Regional WWTP

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Lifstation Improvements	<b>Project No.:</b>	6402-60177	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Provides backup power generators for use during power outages at various lift stations in the collection system. Includes the necessary equipment/electrical improvements/modifications to complete and protect the new generators.					<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Countywide					<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	Varies	O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP			<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
Date Complete:										
<b>Detail Plans</b>										\$0
Date Complete:										
<b>Land/Easements</b>										\$0
<b>Construction Engineering and Inspection</b>										\$0
<b>General Contractor</b>		\$660,000		\$120,000	\$120,000	\$120,000	\$150,000	\$150,000		\$660,000
<b>Misc</b>										\$0
<b>Total</b>		\$660,000	\$0	\$120,000	\$120,000	\$120,000	\$150,000	\$150,000	\$0	\$660,000
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 150,000	\$ 150,000	\$ -	\$ 660,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Provides backup power supply at existing lift stations.

**Problems:**

**Notes:**  
 Tentative Schedule  
 2021 - Massey Court LS  
 2022 - Vineyard LS  
 2023 - Concord LS  
 2024 - Woodbridge LS  
 2025 - Diekman LS

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Locust Lake Lift Station and Conveyance Improvements	Project No.:	6402-60141	Project Manager:	AK	<b>Date of Update:</b>	31-Jan-21		
<b>Description:</b>	Addition of approximately 7,100' of 8" force main from the Locust Lake Lift Station to the intersection of Chapel Road and Burnham Woods Dr to improve the pumping capacity at the lift station and limit the number of by passes. Includes lift station piping modifications & controls and the installation of a diesel generator.					<b>Justification:</b>	Petition BOH Master Plan	Capacity Need Consent Order Other	
<b>Township</b>	Batavia, Pierce and Village of Amelia					<b>Coordinates:</b>			
<b>Annual Effect on Operations:</b>	\$ 1,000 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:			
<b>Easements Procured:</b>	na								
<b>Special Conditions:</b>									

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										
<b>Date Complete:</b>										
<b>Detail Plans</b>		\$98,280	\$98,280							\$98,280
<b>Date Complete:</b>	Geo-Tech	\$15,100	\$15,100							\$15,100
<b>Land/Easements</b>										
Easement		\$1,900	\$1,900							\$1,900
Survey		\$1,750	\$1,750							\$1,750
<b>Construction Engineering and Inspection</b>										
<b>General Contractor</b>		\$1,773,350	\$263,120	\$1,510,230						\$1,773,350
<b>Misc</b>										
Permitting		\$10,200	\$10,200							\$10,200
		\$8,200	\$8,200							\$8,200
<b>Total</b>		\$1,908,780	\$398,550	\$1,510,230	\$0	\$0	\$0	\$0	\$0	\$1,908,780
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 398,550	\$ 1,510,230	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,908,780
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Improves capacity and adds redundancy

**Problems:**  
Easements, traffic, bore under SR 125.

**Notes:**  
Lining of 10" sanitary sewer is included in the Collection System Rehabilitation Projects.



## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Lower East Fork WWTP Expansion	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Expansion of the Lower East Fork Wastewater Treatment Plant from 9 MGD to 14 MGD. Includes a 3rd Oxidation Ditch, Additional Clarifier, filters, and influent pumping. May also include fine screening at headworks or additional screening d/s of final clarifier splitter box.				<b>Justification:</b>	Petition BOH Master Plan XL	
<b>Township</b>	Miami	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Annual Effect on Operations:</b>	\$ - O&M/year						
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

Capacity  
Need  
 Consent Order  
 Other

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering		\$0								\$0
Date Complete:										
Detail Plans		\$650,000					\$650,000			\$650,000
Date Complete:										
Land/Easements		\$0								\$0
Construction Engineering and Inspection		\$500,000						\$50,000	\$450,000	\$500,000
General Contractor		\$13,000,000						\$2,200,000	\$10,800,000	\$13,000,000
Misc		\$0								\$0
<b>Total</b>		<b>\$14,150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$650,000</b>	<b>\$2,250,000</b>	<b>\$11,250,000</b>	<b>\$14,150,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 650,000	\$ 2,250,000	\$ 11,250,000	\$ 14,150,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Provides additional capacity for future development

**Problems:**

**Notes:**  
 Avg daily flow in 2017 - 7.23 million gallons.  
 Avg daily flow in 2018 - 8.10 million gallons.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Middle East Fork WWTP Improvements	Project No.:	6402-60193	Project Manager:	AK	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Evaluation and recommendation for improvements to the WWTP, specially the fine screens, grit removal, septic receiving station and aeration basin blowers, with the objective of increasing peak wet weather treatment capacity to 18.0 MGD. Recommendations will include future nutrient removal and equalization capacity.					<b>Justification:</b>	Petition BOH Master Plan XL MEF-P1-T1 Capacity Need Consent Order Other
<b>Township</b>	Batavia					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	unknown	O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP			<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total							
<b>Preliminary Engineering</b>		\$50,000		\$50,000						\$50,000							
<b>Date Complete:</b>																	
<b>Detail Plans</b>		\$200,000			\$200,000					\$200,000							
<b>Date Complete:</b>																	
<b>Land/Easements</b>										\$0							
<b>Construction Engineering and Inspection</b>										\$0							
<b>General Contractor</b>		\$3,000,000				\$1,500,000	\$1,500,000			\$3,000,000							
<b>Misc</b>		\$17,000				\$15,000	\$2,000			\$17,000							
<b>Total</b>		\$3,267,000	\$0	\$50,000	\$200,000	\$1,515,000	\$1,502,000	\$0	\$0	\$3,267,000							
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	-	\$	50,000	\$	200,000	\$	1,515,000	\$	1,502,000	\$	-	\$	-	\$	3,267,000
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**

  
  
  

**Problems:**

  
  
  

**Notes:**  
 Other Master Plan Projects:  
 MEF-P2-T2  
 MEF-P3-T3  
 Addition of Aeration Blower Building Switch Board at approx. \$80,100.00.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Moeller Sewer Extension	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	County contribution for oversizing approximately 600 feet of 8" sanitary sewers to 12" sanitary sewers, and installation of approximately 13 service laterals as part of the Moeller Athletic Complex Project.				<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Miami					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 700 O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP			<b>Construction:</b> Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>	Coordination with private development						

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$150,000		\$150,000						\$150,000
Misc										\$0
<b>Total</b>		\$150,000	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Provides sanitary sewers for current and future connections.

**Problems:**

**Notes:**  
County contribution for oversizing and portions of laterals in public right of way along alignment.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Newtonsville Collection System Assessment	<b>Project No.:</b>	6402-60116	<b>Project Manager:</b>	CR	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Collection system for the former Village of Newtonsville and Surrounding/Adjacent Area.						<b>Justification:</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Petition</span>  <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">BOH</span>  <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Master Plan</span>  <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">XL</span> </div> <div style="text-align: center;">             11              SLC-P1-T1           </div> <div style="text-align: center;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Capacity Need</span>  <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Consent Order</span>  <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Other</span> </div> </div>
<b>Township</b>	Wayne						<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 2,500 O&M/Year	<b>Resolutions:</b>				<b>Construction:</b>		
<b>Easements Procured:</b>	na	RAGP RADP RON RDTP				Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>		\$156,000	\$156,000							\$156,000
<b>Date Complete:</b>										
<b>Detail Plans</b>		\$376,720	\$356,620	\$20,100						\$376,720
<b>Date Complete:</b>	geotech	\$13,700	\$13,700							\$13,700
<b>Land/Easements</b>		\$106,000	\$50,000	\$56,000						\$106,000
<b>Construction Engineering and Inspection</b>		\$170,000		\$70,000	\$100,000					\$170,000
<b>General Contractor</b>		\$6,318,400		\$1,500,000	\$4,818,400					\$6,318,400
<b>Misc</b>		\$26,400	\$10,000	\$16,400						\$26,400
<b>OPWC &amp; USDA/RD Admin.</b>		\$10,000		\$0	\$10,000					\$10,000
<b>Total</b>		\$7,177,220	\$586,320	\$1,662,500	\$4,928,400	\$0	\$0	\$0	\$0	\$7,177,220
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 504,455	\$ 1,662,500	\$ 4,928,400	\$ (6,736,135)	\$ -	\$ -	\$ -	\$ -	\$ 359,220
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ 4,218,000	\$ -	\$ -	\$ -	\$ -	\$ 4,218,000
	<b>Loan USDA/RD</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant - USDA/RD &amp; OPWC</b>	\$ 81,865	\$ -	\$ -	\$ 2,518,135	\$ -	\$ -	\$ -	\$ -	\$ 2,600,000

**Positive Aspects of Project:**  
 Provides sewer service to residents in the area of the former Village of Newtonsville and addresses failing on-site septic problems as identified by the BOH.  
 Project identified in 2011 Waste Water Master Plan Update SLC-P1-T1.

**Problems:**

**Notes:**  
 Grant/loan with USDA/RD - \$2M grant & \$4.218M loan at 2.25%.  
 OPWC grant of \$1M split with WWTP. \$600k collections & \$400k WWTP.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project:</b>	Newtonsville WWTP	<b>Project No.:</b>	6402-60117	<b>Project Manager:</b>	CR	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Waste Water Treatment Plant for the former Village of Newtonsville and Surrounding/Adjacent Area.					<b>Justification:</b>	Petition BOH 11 Master Plan XL SLC-P1-T1 Capacity Need Consent Order Other
<b>Township:</b>	Wayne					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 35,000 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering		\$104,280	\$104,280							\$104,280
<b>Date Complete:</b>										
Detail Plans		\$489,500	\$463,640	\$25,860						\$489,500
<b>Date Complete:</b>	geotech	\$10,500	\$10,500							\$10,500
Land/Easements		\$75,000		\$75,000						\$75,000
Construction Engineering and Inspection		\$696,980		\$150,000	\$546,980					\$696,980
General Contractor		\$4,174,500		\$1,000,000	\$3,174,500					\$4,174,500
Misc		\$22,600	\$10,000	\$7,600	\$5,000					\$22,600
OPWC & USDA/RD Admin.		\$10,000		\$2,500	\$7,500					\$10,000
		\$5,583,360	\$588,420	\$1,260,960	\$3,733,980	\$0	\$0	\$0	\$0	\$5,583,360
<b>Funding Source:</b>	Capital Improvement Fund	\$ 533,845	\$ 1,260,960	\$ 3,733,980	\$ (1,345,425)	\$ -	\$ -	\$ -	\$ -	\$ 4,183,360
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant - USDA/RD &amp; OPWC</b>	\$ -	\$ 54,575	\$ -	\$ -	\$ 1,345,425	\$ -	\$ -	\$ -	\$ 1,400,000

**Positive Aspects of Project:**  
 Provides sewer service to residents in the area of the former Village of Newtonsville and addresses failing on-site septic problems as identified by the BOH.

**Problems:**  
 Possible difficulty in acquiring land and NPDES Permit

**Notes:**  
 Second Grant/Loan with USDA/RD up to \$1M grant & \$4M loan at 1.85%.  
 OPWC grant of \$1M split with WWTP. \$600k collections & \$400k WWTP.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Nine Mile Collection System Improvements	<b>Project No.:</b>	6402-60148	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	The project calls for the replacement of approximately 1,970 feet of existing sanitary sewer and the relocation of approximately 1,300 feet of existing sanitary sewer along Nine Mile Road, between manholes 6544 and 6349.					<b>Justification:</b>	Petition BOH Master Plan XL NML P1-01 Capacity Need Consent Order Other
<b>Township</b>	Pierce					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 1,500 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering	ftch \$61,399	\$61,400	\$61,400							\$61,400
<b>Date Complete:</b>										
Detail Plans		\$181,900	\$114,860	\$67,040						\$181,900
<b>Date Complete:</b>										
Land/Easements		\$125,000		\$75,000	\$50,000					\$125,000
Construction Engineering and Inspection										\$0
General Contractor		\$3,119,000			\$1,500,000	\$1,619,000				\$3,119,000
Misc		\$20,000			\$20,000					\$20,000
<b>Total</b>		<b>\$3,507,300</b>	<b>\$176,260</b>	<b>\$142,040</b>	<b>\$1,570,000</b>	<b>\$1,619,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,507,300</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 176,260	\$ 142,040	\$ 1,570,000	\$ 1,619,000	\$ -	\$ -	\$ -	\$ -	\$ 3,507,300
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Flow Monitoring took place in the spring of 2018.  
 Project recommendations as part of the Preliminary Design Memorandum submitted December 2018.

**Problems: Easements, Manpower, Materials, Weather, Costs, etc**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Nine Mile Creek WWTP Improvements	<b>Project No.:</b>	6402-60171	<b>Project Manager:</b>	TL	<b>Date of Update:</b>	31-Jan-21		
<b>Description:</b>	Replacement of fine screens. Improvements/automation of pumps, screens, and oxidation ditch gates to maintain peak treatment capacity of at least 9.0 MGD.						<b>Justification:</b>	Petition BOH <u>Master Plan</u> XL	Capacity <u>Need</u> NML P1-T1 Consent Order Other
<b>Township</b>	Pierce						<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 5,000 O&M/year	<b>Resolutions:</b>			RAGP RADP RON RDTP				
<b>Easements Procured:</b>	na			<b>Construction:</b>					<b>Bid Opening:</b> <b>Contract Award:</b> <b>Contract Execution:</b> <b>Notice to Proceed:</b>
<b>Special Conditions:</b>									

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering	EES	\$60,630	\$60,630							\$60,630
<b>Date Complete:</b>										
Detail Plans		\$96,500	\$84,680	\$11,820						\$96,500
<b>Date Complete:</b>										
Land/Easements										\$0
Construction Engineering and Inspection		\$51,400		\$36,400	\$15,000					\$51,400
General Contractor		\$1,810,000		\$1,000,000	\$810,000					\$1,810,000
Misc		\$14,950	\$9,950	\$5,000						\$14,950
<b>Total</b>		<b>\$2,033,480</b>	<b>\$155,260</b>	<b>\$1,053,220</b>	<b>\$825,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,033,480</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 155,260	\$ 1,053,220	\$ 825,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,033,480
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Replacement of screens will eliminate the need to replace/maintain HVAC in screen building.  
 Replaces aging/high maintenance equipment.

**Problems:**

**Notes:**  
 Will use model results from Nine Mile Collection System Improvements Project.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	O'Bannon Trunk Sewer Improvements	<b>Project No.:</b>	6402-60133	<b>Project Manager:</b>	AK	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Improvements to approximately 15,600 feet of existing sanitary sewer along the O'Bannon Creek Trunk Sewer.					<b>Justification:</b>	Petition BOH Master Plan XL OBN P1-02 Capacity Need Consent Order Other
<b>Township</b>	Goshen					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 2,500 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>	Hazen	\$158,840	\$158,840							\$158,840
<b>Detail Plans</b>	BBS (\$39,453)	\$39,460	\$39,460							\$39,460
	Future	\$225,000						\$225,000		\$225,000
<b>Land/Easements</b>		\$150,000						\$150,000		\$150,000
<b>Construction Engineering and Inspection</b>		\$0								\$0
<b>General Contractor</b>		\$2,850,000							\$2,850,000	\$2,850,000
<b>Misc</b>		\$25,600	\$600					\$25,000		\$25,600
<b>Total</b>		\$3,448,900	\$198,900	\$0	\$0	\$0	\$0	\$400,000	\$2,850,000	\$3,448,900
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 198,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 2,850,000	\$ 3,448,900
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Provides additional capacity for existing and future development and for excess wastewater flow during rain events

**Problems:**

**Notes:**  
 fka O'Bannon Flow Equalization Facility  
 The original equalization facility had OPWC pre/app funding in the amounts of \$1,000,000.00 loan and \$528,800.00 grant.  
 It is anticipated that this project will apply for and receive future OPWC Grant and Loan funding.  
 Flow Monitoring Study and report submitted in 2017. WWTP project to be completed prior to sewer replacement.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	O'Bannon Trunk Sewer Relocation	Project No.:	6402-	Project Manager:		<b>Date of Update:</b>	31-Jan-21		
<b>Description:</b>	Relocation of approximately 486 feet of existing 21" sanitary sewer main between manholes 5404 and 5428.						<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>							<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ -	O&M/year	<b>Resolutions:</b>			RAGP RADP RON RDTP	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	no								
<b>Special Conditions:</b>									

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
<b>Date Complete:</b>										
<b>Detail Plans</b>		\$30,000		\$30,000						\$30,000
<b>Date Complete:</b>										
<b>Land/Easements</b>		\$20,000		\$20,000						\$20,000
<b>Construction Engineering and Inspection</b>										\$0
<b>General Contractor</b>		\$165,000		\$165,000						\$165,000
<b>Misc</b>										\$0
<b>Total</b>		\$215,000	\$0	\$215,000	\$0	\$0	\$0	\$0	\$0	\$215,000
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 215,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 215,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**

  
  
  

**Problems: Easements**

  
  
  

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	O'Bannon WWTP Bio-Solids Dewatering	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Installation of a new permanent centrifuge, shelter, and blowers to provide bio-solids dewatering.						<b>Justification:</b>	Petition BOH Master Plan XL Capacity Need Consent Order Other
<b>Township</b>	Goshen						<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 10,000 O&M/year	<b>Resolutions:</b>			<b>Construction:</b>			<b>Bid Opening:</b>
<b>Easements Procured:</b>	na	RAGP RADP RON RDTP						<b>Contract Award:</b>
<b>Special Conditions:</b>							<b>Contract Execution:</b>	
								<b>Notice to Proceed:</b>

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$80,000							\$80,000	\$80,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,800,000							\$1,800,000	\$1,800,000
Misc										\$0
<b>Total</b>		<b>\$1,880,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,880,000</b>	<b>\$1,880,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,880,000	\$ 1,880,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Provides a dedicated covered centrifuge at the O'Bannon WWTP and replaces outdated blowers to the digesters.

**Problems:**

**Notes:**  
 2030 new bio handling facility at O'Bannon WWTP

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	O'Bannon WWTP Filter & Clarifier Improvements	<b>Project No.:</b>	6402-60142	<b>Project Manager:</b>	CR	<b>Date of Update:</b>	31-Jan-21		
<b>Description:</b>	Replacement of two existing low head filters and corresponding equipment with a single centralized 6.5 MGD filter unit and the addition of a second clarifier on the oxidation ditch side of the treatment plant. Also, included the evaluation of the plant's wet weather flow treatment capacity.					<b>Justification:</b>	Petition BOH Master Plan XL	OBN-P1-T1	Capacity Need Consent Order Other
<b>Township</b>	Goshen					<b>Coordinates:</b>			
<b>Annual Effect on Operations:</b>	TBD	O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP			<b>Construction:</b>	<b>Bid Opening:</b> <b>Contract Award:</b> <b>Contract Execution:</b> <b>Notice to Proceed:</b>		
<b>Easements Procured:</b>	na								
<b>Special Conditions:</b>									

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
<b>Preliminary Engineering</b>		\$60,000	\$60,000							\$60,000	
<b>Date Complete:</b>											
<b>Detail Plans</b>		\$329,400	\$329,400							\$329,400	
<b>Date Complete:</b>										\$0	
<b>Land/Easements</b>										\$0	
<b>Construction Engineering and Inspection</b>		\$198,200	\$180,000	\$18,200						\$198,200	
<b>General Contractor</b>		\$4,510,250	\$4,381,200	\$129,050						\$4,510,250	
<b>Misc</b>	Permit	\$16,600	\$16,600							\$16,600	
	Geotech	\$7,600	\$7,600							\$7,600	
<b>Total</b>		\$5,122,050	\$4,974,800	\$147,250	\$0	\$0	\$0	\$0	\$0	\$5,122,050	
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	4,974,800	\$	147,250	\$	-	\$	-	\$	5,122,050
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**  
 Combines the two existing filter units into one, improved filter efficiency, reduction of filter backwashes.  
 Increased peak wet water flow treatment/reduced bypasses.

**Problems:**

**Notes:**  
 Recommendations - Addition of second clarifier for oxidation ditch side of treatment plant and new filters with 4.4 mgd capacity.



## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Olive Branch-Stonelick Sewer Extension	Project No.:	6402-	Project Manager:		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Extension of the sanitary sewer near the Olive Branch-Stonelick Interchange to serve unsewered areas and provide for elimination of the East Clough Lift Station				<b>Justification:</b>	Petition BOH Master Plan XL	
<b>Township</b>	Batavia & Union				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 1,300 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	<b>Bid Opening:</b> <b>Contract Award:</b> <b>Contract Execution:</b> <b>Notice to Proceed:</b>	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

Capacity  
Need  
Consent Order  
Other

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering	HNTB	\$20,000	\$20,000							\$20,000
<b>Date Complete:</b>										
Detail Plans		\$100,000				\$100,000				\$100,000
<b>Date Complete:</b>										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,600,000					\$800,000	\$800,000		\$1,600,000
Misc										\$0
<b>Total</b>		<b>\$1,720,000</b>	<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$800,000</b>	<b>\$800,000</b>	<b>\$0</b>	<b>\$1,720,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 20,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 800,000	\$ 800,000	\$ -	\$ 1,720,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Provides sanitary sewer service to unsewered / undeveloped property to encourage economic development; Provides gravity sewers to eliminate the East Clough Lift Station.  
 Preliminary Engineering to be coordinated with the TID road improvement. Preliminary Engineering will provide an approximate alignment and sewer sizing.

**Problems:**  
 CIP Funds intended for oversizing costs

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Orchard Valley Lift Station Upgrade	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Evaluation and recommendation for Improvements to the existing wet well and valve vaults, replacement of pumps and bases, piping, valves, electric service, generator, controls, site layout and fencing.				<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Miami	<b>Resolutions:</b>				<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 1,000 O&M/year	RAGP RADP RON RDTP				<b>Construction:</b>	<b>Bid Opening:</b> <b>Contract Award:</b> <b>Contract Execution:</b> <b>Notice to Proceed:</b>
<b>Easements Procured:</b>	no						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$85,000				\$85,000				\$85,000
Date Complete:										
Land/Easements		\$5,000				\$5,000				\$5,000
Construction Engineering and Inspection										\$0
General Contractor		\$350,000					\$350,000			\$350,000
Misc		\$10,000					\$10,000			\$10,000
<b>Total</b>		<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90,000</b>	<b>\$360,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 360,000	\$ -	\$ -	\$ 450,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**

  
  
  

**Problems:**  
Site location and easements

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Owensville Lift Station Improvements	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Evaluation and recommendation for Improvements to the existing pumps, piping, valves and controls.				<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Stonelick				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 1,000 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	<b>Bid Opening:</b> <b>Contract Award:</b> <b>Contract Execution:</b> <b>Notice to Proceed:</b>	
<b>Easements Procured:</b>	no						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
Date Complete:										
<b>Detail Plans</b>		\$85,000			\$85,000					\$85,000
Date Complete:										
<b>Land/Easements</b>		\$5,000			\$5,000					\$5,000
<b>Construction Engineering and Inspection</b>										\$0
General Contractor		\$350,000				\$350,000				\$350,000
<b>Misc</b>		\$10,000				\$10,000				\$10,000
<b>Total</b>		\$450,000	\$0	\$0	\$90,000	\$360,000	\$0	\$0	\$0	\$450,000
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ 90,000	\$ 360,000	\$ -	\$ -	\$ -	\$ 450,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant-Duke</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**

  
  
  

**Problems:**

  
  
  

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Paving Improvements	Project No.:	6402-	Project Manager:	AK	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Repair, replacement and sealing of existing paving surfaces at various wastewater treatment plants and lift stations throughout the county.					<b>Justification:</b>	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
<b>Township</b>	County Wide					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	na	O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP			<b>Construction:</b>	<b>Bid Opening:</b> <b>Contract Award:</b> <b>Contract Execution:</b> <b>Notice to Proceed:</b>
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering <i>Date Complete:</i>		\$0								\$0
Detail Plans <i>Date Complete:</i>		\$10,000		\$10,000						\$10,000
Land/Easements		\$0								\$0
Construction Engineering and Inspection		\$0								\$0
General Contractor		\$200,000			\$200,000					\$200,000
Misc		\$2,000		\$2,000						\$2,000
<b>Total</b>		<b>\$212,000</b>	<b>\$0</b>	<b>\$12,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$212,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 12,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 212,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Replaces aging infrastructure that is reaching the end of its useful life.

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Pine Lane, Branch Hill Miamiville Road and Decade Lane Sewer Petition	Project No.:	6402-60199	Project Manager:	TL	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Installation of approximately 3,175 feet of 8" sanitary sewer and appurtenances to serve petitioners along pine Lane, Branch Hill Miamiville Road and Decade Lane.					<b>Justification:</b>	<input checked="" type="radio"/> Petition <input type="radio"/> BOH <input type="radio"/> Master Plan <input type="radio"/> XL
<b>Township</b>	Maimi	<b>Resolutions:</b>	<input type="checkbox"/> RAGP <input type="checkbox"/> RADP <input type="checkbox"/> RON <input type="checkbox"/> RDTP		<b>Construction:</b>	<input type="checkbox"/> Bid Opening <input type="checkbox"/> Contract Award <input type="checkbox"/> Contract Execution <input type="checkbox"/> Notice to Proceed	
<b>Annual Effect on Operations:</b>	\$ 1,100 O&M/year	<b>Easements Procured:</b>		na		<b>Coordinates:</b>	
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>		\$0								\$0
Date Complete:										
<b>Detail Plans</b>		\$80,000		\$80,000						\$80,000
Date Complete:										
<b>Land/Easements</b>		\$20,000			\$20,000					\$20,000
<b>Construction Engineering and Inspection</b>		\$0								\$0
General Contractor		\$635,000			\$200,000	\$435,000				\$635,000
<b>Misc</b>		\$5,000			\$5,000					\$5,000
<b>Total</b>		\$740,000	\$0	\$80,000	\$225,000	\$435,000	\$0	\$0	\$0	\$740,000
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	-	\$ 80,000	\$ 225,000	\$ (220,000)	\$ -	\$ -	\$ -	\$ 85,000
	<b>Assessment</b>	\$	-	\$ -	\$ -	\$ 655,000	\$ -	\$ -	\$ -	\$ 655,000
	<b>Loan</b>	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Eliminates septic systems and addresses petitions from Pine Lane and Branch Hill Miamiville Road

**Problems:** Easements, Manpower, Materials, Weather, etc.

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Polo Fields II Lift Station Improvements	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21			
<b>Description:</b>	Replacement of existing vacuum pump station and replace with submersible pumps per county standards. Project to include the addition of new valve vault and electric upgrades.						<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other	
<b>Township</b>	Pierce						<b>Coordinates:</b>			
<b>Annual Effect on Operations:</b>	\$ 500 O&M/year	<b>Resolutions:</b>			RAGP RADP RON RDTP				<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b>	na									
<b>Special Conditions:</b>										

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering		\$0								\$0
Date Complete:										
Detail Plans		\$50,000			\$50,000					\$50,000
Date Complete:										
Land/Easements		\$0								\$0
Construction Engineering and Inspection		\$250,000				\$250,000				\$250,000
General Contractor		\$0								\$0
Misc		\$12,000			\$12,000					\$12,000
<b>Total</b>		<b>\$312,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$62,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$312,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ 62,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 312,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
The existing vacuum pump station is very inefficient.

**Problems:** Easements, Manpower, Materials, Weather, etc.

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Shayler Run - Segment E	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Replacement of existing trunk sewer, beginning at Stonelick Olive Branch and Shayler Creek and following the east fork of Shayler creek to Amelia Olive Branch				<b>Justification:</b>	Petition BOH Master Plan XL LEF-P2-19 Capacity Need Consent Order Other	
<b>Township</b>	Batavia & Union Township				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 2,500 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
<b>Date Complete:</b>										
Detail Plans	SWS	\$156,600	\$156,600							\$156,600
<b>Date Complete:</b>										
Land/Easements		\$105,500	\$5,500				\$100,000			\$105,500
Construction Engineering and Inspection										\$0
General Contractor		\$1,002,000						\$502,000	\$500,000	\$1,002,000
Misc		\$13,860	\$1,860					\$12,000		\$13,860
<b>Total</b>		<b>\$1,277,960</b>	<b>\$163,960</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$514,000</b>	<b>\$500,000</b>	<b>\$1,277,960</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 163,960	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 514,000	\$ 500,000	\$ 1,277,960
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Conveys high wetweather flow

**Problems:**

**Notes:**  
Potential coordination with TID project

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Shayler Run Upstream Sewer Upgrade	<b>Project No.:</b>	6402-60138	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21		
<b>Description:</b>	Replacement of approximately 4,900 feet of sewer main and the construction of a 3 million gallon storage facility.						<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Union						<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 1,000 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP			<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
<b>Easements Procured:</b>	na								
<b>Special Conditions:</b>									

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>		\$79,735	\$49,735	\$30,000						\$79,735
<b>Date Complete:</b>										
<b>Detail Plans</b>		\$50,000							\$50,000	\$50,000
<b>Date Complete:</b>										
<b>Land/Easements</b>		\$30,000							\$30,000	\$30,000
<b>Construction Engineering and Inspection</b>										\$0
<b>General Contractor</b>		\$530,000							\$530,000	\$530,000
<b>Misc</b>										\$0
<b>Total</b>		\$689,735	\$49,735	\$30,000	\$0	\$0	\$0	\$0	\$610,000	\$689,735
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 49,735	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 610,000	\$ 689,735
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Project identified in the WWMPU (LEF-P1-01)

**Problems:** Easements, Manpower, Materials, Weather, etc.

**Notes:**  
 Project identified in the WWMPU (LEF-P1-01)  
 Preliminary engineering included flow monitoring, model updating and recommendations for improvements.  
 Preliminary Engineering Report dated Dec. 9, 2016, recommended rehab of existing collection system, re-evaluate and make improvements as needed.  
 Construction estimate as recommended in PER.  
 A portion of the Rehab work was included in Collection System Rehabilitation 2018. Complete in 2020.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Shepherd Road Lift Station Improvements	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Evaluation and recommendation of improvements to the existing Shepherd Road Lift Station and force mains. The evaluation and recommendations to include future growth & development, flow study, model calibration, capacity, pumps, electrical system, controls, force mains and long term lift station management.				<b>Justification:</b>	Petition BOH Master Plan XL LEF P1-16 Capacity Need Consent Order Other	
<b>Township</b>	Union				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	TBD	O&M/year	<b>Resolutions:</b>		<b>Construction:</b>		
<b>Easements Procured:</b>	na		RAGP RADP RON RDTP		Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total											
Preliminary Engineering										\$0											
Detail Plans		\$150,000			\$150,000					\$150,000											
Land/Easements										\$0											
Construction Engineering and Inspection										\$0											
General Contractor		\$1,150,000				\$650,000	\$500,000			\$1,150,000											
Misc		\$12,000				\$12,000				\$12,000											
<b>Total</b>		<b>\$1,312,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$662,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,312,000</b>											
	<b>Capital Improvement Fund</b>	\$	-	\$	-	\$	150,000	\$	662,000	\$	500,000	\$	-	\$	-	\$	-	\$	-	\$	1,312,000
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**

  
  

**Problems:** Easements, Manpower, Materials, Weather, etc.

  
  

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	SR 132 Lift Station Improvements	<b>Project No.:</b>	6402-60183	<b>Project Manager:</b>	TL	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Evaluation and design of necessary improvements to the SR 132 Lift Station.					<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Stonelick					<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	TBD	O&M/year	<b>Resolutions:</b> RAGP RADP RON RDTP			<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total											
Preliminary Engineering										\$0											
Date Complete:																					
Detail Plans		\$65,980	43,750		\$22,230					\$65,980											
Date Complete:																					
Land/Easements										\$0											
Construction Engineering and Inspection										\$0											
General Contractor		\$200,000				\$200,000				\$200,000											
Misc										\$0											
<b>Total</b>		<b>\$265,980</b>	<b>\$43,750</b>	<b>\$0</b>	<b>\$22,230</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$265,980</b>											
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	43,750	\$	-	\$	22,230	\$	200,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	222,230
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**

  
  

**Problems:**

  
  

**Notes:**  
 Flow monitor in 2022 following rehab in 2021.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	SR 132 Sewer Improvements	<b>Project No.:</b>	6402-	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Sewer upgrades along SR 132 between SR 125 and Stable Trails. Replacement of approximately 7,060 feet of existing 12" sewer with 24" sewer, between manholes 12901 and 3490. Includes flow monitoring, model calibration and confirmation of improvements.				<b>Justification:</b>	Petition BOH <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Capacity</span> Master Plan <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Need</span> MEF-P2-24 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Consent Order</span> XL <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Other</span>	
<b>Township</b>	Batavia				<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	\$ 1,200 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>							

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering		\$40,000					\$40,000			\$40,000
Date Complete:										
Detail Plans		\$100,000					\$100,000			\$100,000
Date Complete:										
Land/Easements		\$60,000						\$60,000		\$60,000
Construction Engineering and Inspection		\$0								\$0
General Contractor		\$1,412,000						\$712,000	\$700,000	\$1,412,000
Misc		\$0								\$0
<b>Total</b>		<b>\$1,612,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$140,000</b>	<b>\$772,000</b>	<b>\$700,000</b>	<b>\$1,612,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000	\$ 772,000	\$ 700,000	\$ 1,612,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Preliminary Engineering to include flow monitoring to verify / identify capacity restriction, actual peak flows, etc.  
 Addresses spans of sewer that were installed at minimum slope and act as capacity restrictions  
 Part of project identified in the WWMPU (MEF-P2-24)

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	SR 32 at Bach Buxton Sewer Relocation	Project No.:	6402-	Project Manager:		<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Relocation and modifications to approximately 780 feet of existing sanitary sewers as part of the ODOT CLE-32-3.50 (Phase 5), Eastern Corridor Segment IVa Project.				<b>Justification:</b>	Petition BOH Master Plan XL	
<b>Township</b>	Union				<b>Coordinates:</b>	Capacity Need Consent Order Other	
<b>Annual Effect on Operations:</b>	na	O&M/year	<b>Resolutions:</b>		<b>Construction:</b>		
<b>Easements Procured:</b>	no		RAGP RADP RON RDTP		Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
<b>Special Conditions:</b>	Coordinate w/ ODOT project						

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans										\$0	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$52,000			\$52,000					\$52,000	
Misc										\$0	
<b>Total</b>		<b>\$52,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52,000</b>	
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$	-	\$	-	\$	52,000	\$	-	\$	52,000
	<b>Assessment</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Loan</b>	\$	-	\$	-	\$	-	\$	-	\$	-
	<b>Grant</b>	\$	-	\$	-	\$	-	\$	-	\$	-

**Positive Aspects of Project:**

  
  

**Problems:**

  
  

**Notes:**  
 ODOT CLE-32-3.50 (Phase 5), Eastern Corridor Segment IVa Project.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Utility Relocations	<b>Project No.:</b>	6402-60001	<b>Project Manager:</b>	TC	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	ODOT - Utility relocations for ODOT projects and roadway improvements.					<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Countywide					<b>Coordinates:</b>		
<b>Annual Effect on Operations:</b>	na	O&M/year	<b>Resolutions:</b>		RAGP RADP RON RDTP	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$600,000		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Misc										\$0
<b>Total</b>		\$600,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
<b>Funding Source:</b>	Capital Improvement Fund	\$	-	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
	Assessment	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**

  
  
  

**Problems:**

  
  
  

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Wastewater Model Maintenance	<b>Project No.:</b>	6402-60144	<b>Project Manager:</b>	CR	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Annual contract to provide monitoring, modeling, and maintenance services related to the existing CCWRD sanitary sewer model.						<b>Justification:</b>	Petition BOH Master Plan XL <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Capacity Need</span> Consent Order <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Other</span>
<b>Township</b>	Countywide						<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ - O&M/year	<b>Resolutions:</b>			<b>Construction:</b>			<b>Bid Opening:</b>
<b>Easements Procured:</b>	na	RAGP RADP RON RDTP						<b>Contract Award:</b>
<b>Special Conditions:</b>							<b>Contract Execution:</b>	
								<b>Notice to Proceed:</b>

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$200,000	\$14,500	\$60,500	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$200,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor										\$0
Misc										\$0
<b>Total</b>		\$200,000	\$14,500	\$60,500	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$200,000
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ 14,500	\$ 60,500	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 200,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**

  
  

**Problems:**

  
  

**Notes:**  
2-Year contract for \$75,000 starting 2020.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Wastewater Stream Revetment	<b>Project No.:</b>	6402-60049	<b>Project Manager:</b>		<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Improvements to existing infrastructure to protect against damage from creeks and/or storm water.						<b>Justification:</b>	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
<b>Township</b>	Countywide						<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ - O&M/year	<b>Resolutions:</b>			<b>Construction:</b>			Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
<b>Easements Procured:</b>	na	RAGP RADP RON RDTP						
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$250,000		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000
Misc										\$0
<b>Total</b>		\$250,000	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$250,000
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 250,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Protection of sanitary infrastructure from stormwater & stream erosion.

**Problems:**

Locations:  
MH 5283-5291, pipe segment #1942.

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Wastewater Treatment Plant Rehabilitation	Project No.:	6402-	Project Manager:		<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	This work will include rehabilitation of existing portions of the treatment plants that have reached the end of their useful life.						<b>Justification:</b>	Petition BOH Master Plan XL Capacity Need Consent Order Other
<b>Township</b>	Countywide						<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ - O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP			<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,600,000				\$400,000	\$400,000	\$400,000	\$400,000	\$1,600,000
Misc										\$0
<b>Total</b>		<b>\$1,600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$400,000</b>	<b>\$1,600,000</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 1,600,000
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**

  
  

**Problems:**

  
  

**Notes:**  
 \$400,000 from years 2020 & 2021 used for Middle & Nine Mile WWTP Projects.

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	White Oak Lift Station Relocation & Upgrade	Project No.:	6402-60194	Project Manager:	AK	<b>Date of Update:</b>	31-Jan-21	
<b>Description:</b>	Project calls for the relocation and upgrade of the existing White Oak Lift Station. Includes the replacement of the existing 4" force main.					<b>Justification:</b>	Petition BOH Master Plan XL	Capacity Need Consent Order Other
<b>Township</b>	Pierce	<b>Coordinates:</b>						
<b>Annual Effect on Operations:</b>	\$ 500 O&M/year	<b>Resolutions:</b>			RAGP RADP RON RDTP	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na							
<b>Special Conditions:</b>								

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering		\$0								\$0
<b>Date Complete:</b>										
Detail Plans		\$33,700		\$33,700						\$33,700
<b>Date Complete:</b>										
Land/Easements		\$5,000			\$5,000					\$5,000
Construction Engineering and Inspection		\$0								\$0
General Contractor		\$400,000			\$400,000					\$400,000
Misc		\$2,000			\$2,000					\$2,000
<b>Total</b>		<b>\$440,700</b>	<b>\$0</b>	<b>\$33,700</b>	<b>\$407,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$440,700</b>
<b>Funding Source:</b>	Capital Improvement Fund	\$ -	\$ -	\$ 33,700	\$ 407,000	\$ -	\$ -	\$ -	\$ -	\$ 440,700
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
Relocation should address the potential for basement backups in the area.

**Problems:**  
Easement

**Notes:**  
Located at 3579 Hunting Creek

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Whitmer Road Sewer Petition	<b>Project No.:</b>	6402-60197	<b>Project Manager:</b>	TL	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Installation of approximately 250 linear feet of 8" PVC sanitary sewer main and appurtenances, including one manhole, to serve residents along Whitmer Road.					<b>Justification:</b>	Petition BOH Master Plan XL Capacity Need Consent Order Other
<b>Township</b>	Stonelick					<b>Coordinates:</b>	
<b>Annual Effect on Operations:</b>	\$ 500 O&M/year	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
<b>Easements Procured:</b>	na						
<b>Special Conditions:</b>	Combined with water petition						

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
<b>Preliminary Engineering</b>										\$0
Date Complete:										
<b>Detail Plans</b>		\$24,455		\$24,455						\$24,455
Date Complete:										
<b>Land/Easements</b>		\$2,000		\$2,000						\$2,000
<b>Construction Engineering and Inspection</b>										\$0
General Contractor		\$58,400			\$58,400					\$58,400
<b>Misc</b>		\$5,000			\$5,000					\$5,000
<b>Total</b>		\$89,855	\$0	\$26,455	\$63,400	\$0	\$0	\$0	\$0	\$89,855
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 26,455	\$ 63,400	\$ (58,400)	\$ -	\$ -	\$ -	\$ 31,455
	<b>Assessment</b>	\$ -	\$ -	-	-	\$ 58,400	\$ -	\$ -	\$ -	\$ 58,400
	<b>Loan</b>	\$ -	\$ -	-	-	-	\$ -	\$ -	\$ -	-
	<b>Grant</b>	\$ -	\$ -	-	-	-	\$ -	\$ -	\$ -	-

**Positive Aspects of Project:**  
 Provides a public sewers to area of Whitmer Road without public sewer service.

**Problems:**

**Notes:**

## 2021 Wastewater Capital Improvement - Project Summary

<b>Project :</b>	Woodville Pike Sewer Petition	<b>Project No.:</b>	6402-	<b>Project Manager:</b>	TL	<b>Date of Update:</b>	31-Jan-21
<b>Description:</b>	Installation of approximately 245 feet of 8" PVC sanitary sewer, manholes and laterals to service two residents along Woodville Pike.					<b>Justification:</b>	Petition BOH Master Plan XL
<b>Township</b>	Goshen	<b>Resolutions:</b>	RAGP RADP RON RDTP		<b>Coordinates:</b>	Capacity Need Consent Order Other	
<b>Annual Effect on Operations:</b>	\$ 500 O&M/year	<b>Construction:</b>	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:				
<b>Easements Procured:</b>	na	<b>Special Conditions:</b>					

### Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2021	2022	2023	2024	2025	2026-Beyond	Total
Preliminary Engineering										\$0
<b>Date Complete:</b>										
Detail Plans		\$2,500		\$2,500						\$2,500
<b>Date Complete:</b>										
Land/Easements		\$1,000		\$1,000						\$1,000
Construction Engineering and Inspection										\$0
General Contractor		\$55,000			\$55,000					\$55,000
Misc		\$5,000			\$5,000					\$5,000
<b>Total</b>		<b>\$63,500</b>	<b>\$0</b>	<b>\$3,500</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$63,500</b>
<b>Funding Source:</b>	<b>Capital Improvement Fund</b>	\$ -	\$ -	\$ 3,500	\$ 60,000	\$ (58,680)	\$ -	\$ -	\$ -	\$ 4,820
	<b>Assessment</b>	\$ -	\$ -	\$ -	\$ -	\$ 58,680	\$ -	\$ -	\$ -	\$ 58,680
	<b>Loan</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Grant</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Positive Aspects of Project:**  
 Provides a public sewers to area of Woodville Pike without public sewer service.

**Problems:** Easements, Manpower, Materials, Weather, etc.

**Notes:**