



CLERMONT
COUNTY^{OHIO}
Water Resources Department

(EXHIBIT “A”)

**5 YEAR WASTEWATER CAPITAL
IMPROVEMENT PLAN
(2015-2019)**

DIRECTOR OF UTILITIES/SANITARY ENGINEER

Lyle G. Bloom, P.E.

ASSISTANT SANITARY ENGINEER

Chris Rowland, P.E.

Sanitary Engineering Division

4400 Haskell Lane

Batavia, Ohio 45103

wrd.clermontcountyohio.com

Wastewater Sources of Funds

Trust Funds (Balance as of 12/31/14)	
Wastewater Capital Improvement Fund	\$ 34,191,321
2014 Rev Replacement & Improvement Fund	\$ 2,039,991
Total On Hand	<u>\$ 36,231,312</u>
Additional Funds	
From Operations for Capital Contribution (From Rate Review Analysis - using Sys Cap fees to cover operating)	\$ (2,043,044)
From Operations - System Capacity Charges (From Rate Review Analysis - Avg \$1.1M/Yr)	\$ 5,522,044
Assessment Bonds/Notes/Private Funds - Future Projects(2015-2019)	\$ 7,996,780
Contribution to Meter Replacement	\$ (3,500,000)
Grants	\$ 898,910
OPWC (Issue II) Loans	\$ -
Total Source of Funds	<u><u>\$ 45,106,002</u></u>
Replacement & Improvement Fund Requirement	\$ 2,000,000
Capital Improvement Fund Contingency	\$ 5,000,000
Available Funding for 2015 - 2019 Construction Projects	<u><u>\$ 38,106,002</u></u>

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

2015 Wastewater Capital Improvement Project Summary

Project #	Description	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total	*Adj. 5 yr. Total
6402-60077	Aicholtz Road, Phase II (Ivy Pt.) Sewer Improvements	357,935	23,269	334,666	-	-	-	-	-	357,935	334,666
6402-	Aicholtz Road Connector - Sewer Replacement	72,000	-	-	-	-	72,000	-	-	72,000	72,000
6402-	Arrowhead Wastewater Treatment Plant Elimination	1,125,000	-	-	-	-	125,000	1,000,000	-	1,125,000	1,125,000
6402-	Beechmont South Lift Station Improvements	300,000	-	50,000	250,000	-	-	-	-	300,000	300,000
6402-60106	Bethel Area Sewer Replacement	1,335,876	100,076	117,500	577,400	540,900	-	-	-	1,335,876	1,235,800
6402-60120	Biosolids Dewatering Equipment	790,000	247,000	543,000	-	-	-	-	-	790,000	543,000
6402-62002	Collection System Rehabilitation	12,827,409	1,189,209	138,200	2,020,000	2,370,000	2,370,000	2,370,000	2,370,000	12,827,409	9,268,200
6402-62005	Collection System Rehabilitation - 2015	1,851,000	-	1,851,000	-	-	-	-	-	1,851,000	1,851,000
6402-	Commercial Revenue Enhancement	600,000	-	100,000	100,000	100,000	100,000	100,000	100,000	600,000	500,000
6402-	Environmental Upgrades - WWTP	6,000,000	-	-	-	-	-	-	6,000,000	6,000,000	-
6402-	GIS - Sewer Share	100,000	25,000	25,000	-	25,000	-	25,000	-	100,000	75,000
6402-	Hall Run Sewer Replacement & EQ Expansion	3,013,689	13,689	-	-	-	100,000	1,000,000	1,900,000	3,013,689	1,100,000
6402-	Hall Run Stream Restoration	50,000	-	10,000	40,000	-	-	-	-	50,000	50,000
6402-60109	Happy Hollow LS Upgrade	744,140	716,513	27,627	-	-	-	-	-	744,140	27,627
651-0857	Indianview Lift Station	424,240	39,240	-	-	-	25,000	10,000	350,000	424,240	35,000
6402-	Lewis Road Trunk Sewer	1,040,000	-	-	-	90,000	950,000	-	-	1,040,000	1,040,000
6402-	Liftstation Generators	225,000	-	75,000	75,000	75,000	-	-	-	225,000	225,000
6402-	Lower East Fork WWTP Expansion	14,150,000	-	-	-	-	-	-	14,150,000	14,150,000	-
6402-	Miamiville Proper Sewer Assessment	1,845,000	-	-	-	-	-	-	1,845,000	1,845,000	-
6402-60122	Miamiville Sewer Extension	1,060,360	89,046	341,314	630,000	-	-	-	-	1,060,360	971,314
6402-60126	Middle East Fork WWTP Grit & Screening Building Roof Replacement	422,500	12,500	410,000	-	-	-	-	-	422,500	410,000
6402-60003	Mound Street & Spring Street Sewer Petition	1,052,990	68,390	-	-	-	-	-	984,600	1,052,990	-
6402-	Naeele Lift Station Improvements	185,000	-	35,000	150,000	-	-	-	-	185,000	185,000
6402-	Nature Run Lift Station Upgrade	125,000	-	125,000	-	-	-	-	-	125,000	125,000
6402-60116	Newtownsville Collection System Assessment	4,764,900	165,620	192,000	202,000	3,000,000	1,205,280	-	-	4,764,900	4,599,280
6402-60117	Newtownsville WWTP	3,500,390	148,390	236,200	1,196,300	1,919,500	-	-	-	3,500,390	3,352,000
6402-	Nine Mile Collection Improvements	1,280,000	-	-	-	115,000	65,000	1,100,000	-	1,280,000	1,280,000
6402-60114	Nine Mile WWTP Blower Upgrade	576,050	19,800	556,250	-	-	-	-	-	576,050	556,250
651-0008	O'Bannon Trunk Sewer Improvements fka O'Bannon Flow Equalization Facility	3,375,060	40,060	-	210,000	1,235,000	1,890,000	-	-	3,375,060	3,335,000
6402-	O'Bannon WWTP Bio-Solids Dewatering	1,180,000	-	-	-	-	-	1,180,000	-	1,180,000	1,180,000
651-0042	O'Bannon WWTP Reclaimed Water Pumps and Force Main	108,000	-	-	-	-	-	-	108,000	108,000	-
6402-	Old SR 74 Widening Olive Branch-Stonelick to Armstrong Blvd Improvements	105,000	-	-	105,000	-	-	-	-	105,000	105,000
6402-	Olive Branch-Stonelick Sewer Extension	1,870,000	20,000	-	-	-	-	-	1,850,000	1,870,000	-
6402-60111	Shayler Run Seament A Sewer Replacement	621,960	621,960	-	-	-	-	-	-	621,960	-
651-0125	Shayler Run - Seq E	1,262,100	163,960	-	-	100,000	998,140	-	-	1,262,100	1,098,140
6402-	Shavler Run Upstream Sewer Upgrade	1,155,000	-	-	50,000	125,000	980,000	-	-	1,155,000	1,155,000
6402-	SR 132 Sewer Improvements	725,000	-	-	-	-	-	725,000	-	725,000	725,000
6402-60088	SR 132 Sewer Petition	297,302	42,302	-	255,000	-	-	-	-	297,302	255,000
6402-60118	Tanglewood Lift Station Elimination	131,710	91,550	40,160	-	-	-	-	-	131,710	40,160
6402-60115	Turnberry Lift Station Elimination	77,100	6,000	71,100	-	-	-	-	-	77,100	71,100
6402-60001	Utilities Relocations	600,000	-	100,000	100,000	100,000	100,000	100,000	100,000	600,000	500,000
6402-	Wards Corner Road Sewer Petition	430,000	-	-	40,000	390,000	-	-	-	430,000	430,000
6402-60049	Wastewater Stream Revetment	775,464	275,464	100,000	100,000	100,000	100,000	100,000	-	775,464	500,000
6402-	Wolfpen-Pleasant Hill Road Sewer Upgrades	1,051,000	-	-	100,000	65,000	886,000	-	-	1,051,000	1,051,000
	TOTAL	73,583,175	4,119,038	5,479,017	6,200,700	10,350,400	9,966,420	7,710,000	29,757,600	73,583,175	39,706,537

2015 Wastewater Capital Improvement Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total	*Adj. 5 Yr Total
SR 132 Sewer Improvements	MEF P2-24	725,000	-	-	-	-	-	725,000	-	725,000	725,000
	Capital Improvement Fund	-	-	-	-	-	-	725,000	-	725,000	725,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-
SR 132 Sewer Petition		297,302	42,302	-	255,000	-	-	-	-	297,302	255,000
	Capital Improvement Fund	-	42,302	-	5,000	-	-	-	-	47,302	5,000
	Assessment	-	-	-	250,000	-	-	-	-	250,000	250,000
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-
Tanglewood Lift Station Elimination		131,710	91,550	40,160	-	-	-	-	-	131,710	40,160
	Capital Improvement Fund	-	91,550	40,160	-	-	-	-	-	131,710	40,160
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-
Turnberry Lift Station Elimination		77,100	6,000	71,100	-	-	-	-	-	77,100	71,100
	Capital Improvement Fund	-	6,000	71,100	-	-	-	-	-	77,100	71,100
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-
Utilities Relocations		600,000	-	100,000	100,000	100,000	100,000	100,000	100,000	600,000	500,000
	Capital Improvement Fund	-	-	100,000	100,000	100,000	100,000	100,000	100,000	600,000	500,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-
Wards Corner Road Sewer Petition		430,000	-	-	40,000	390,000	-	-	-	430,000	430,000
	Capital Improvement Fund	-	-	-	40,000	390,000	-	-	-	430,000	430,000
	Assessment	-	-	-	-	-	(360,000)	-	-	70,000	70,000
	Loan	-	-	-	-	-	360,000	-	-	360,000	360,000
	Grant	-	-	-	-	-	-	-	-	-	-
Wastewater Stream Revetment		775,464	275,464	100,000	100,000	100,000	100,000	100,000	-	775,464	500,000
	Capital Improvement Fund	-	275,464	100,000	100,000	100,000	100,000	100,000	-	775,464	500,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-
Wolfpen-Pleasant Hill Road Sewer Upgrades		1,051,000	-	-	100,000	65,000	886,000	-	-	1,051,000	1,051,000
	Capital Improvement Fund	-	-	-	100,000	65,000	886,000	-	-	1,051,000	1,051,000
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan	-	-	-	-	-	-	-	-	-	-
	Grant	-	-	-	-	-	-	-	-	-	-
TOTAL	Expenditures	73,583,175	4,119,038	5,479,017	6,200,700	10,350,400	9,966,420	7,710,000	29,757,600	73,583,175	39,706,537
	Capital Improvement Fund	61,521,499	3,587,652	5,459,017	5,915,700	9,506,490	2,219,640	7,710,000	27,123,000	61,521,499	30,810,847
	Assessment	10,631,380	-	-	250,000	-	7,746,780	-	2,634,600	10,631,380	7,996,780
	Loan	271,007	271,007	-	-	-	-	-	-	271,007	-
	Grant	1,159,289	260,379	20,000	35,000	843,910	-	-	-	1,159,289	898,910
*Adjusted 5 year plan = 2015-2019 Expenditure Plan											

PROJECT SUMMARY

Project :	Aicholtz Road, Phase II (Ivy Pt.) Sewer Improvements 6402-60077	Project Manager:	CR	Date of Update:	21-Jan-15		
Description:	Construction of approximately 2,200 feet of 12" new sanitary sewer, that replaces approximately 375 feet of existing 8" sewer on Aicholtz Road, eliminates a capacity bottleneck, and provides additional capacity for future commercial development.				Justification:	Petition Capacity	
Township	Union					Coordinates:	BOH Master Plan - LEF-P3-20 XL Need Consent Order Other
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:			
Easements Procured:	No						
Special Conditions:	Constructed w/ TID Project						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering <i>Date Complete:</i>										\$0
Detail Plans <i>Date Complete:</i>	MSP \$13,600-\$11,506, Bayer Becker \$6400	\$17,906	\$11,506	\$6,400						\$17,906
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$310,000		\$310,000						\$310,000
Misc		\$20,000	\$1,734	\$18,266						\$20,000
	Thelen-geotech	\$10,029	\$10,029							\$10,029
Total		\$357,935	\$23,269	\$334,666	\$0	\$0	\$0	\$0	\$0	\$357,935
Funding Source:	Capital Improvement Fund	\$ 23,269	\$ 334,666	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 357,935
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Eliminates a capacity bottleneck and provides capacity for future commercial development (Economic Development).
 Design is being coordinated with TID road and storm sewer improvements

Potential Construction Funding through Developer.

PROJECT SUMMARY

Project :	Aicholtz Road Connector - Sewer Replacement	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Replacement of approximately 119 feet of 12" sanitary sewer and 499' of 8" sanitary sewer to accommodate the Aicholtz Connector TID Roadway Improvement Project.			Justification:	Petition BOH Master Plan - XL Capacity Need Consent Order Other
Township	Union			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A				
Special Conditions:	Constructed w/ TID Project				

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$72,000					\$72,000			\$72,000
Misc										\$0
Total		\$72,000	\$0	\$0	\$0	\$0	\$72,000	\$0	\$0	\$72,000

Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	-	\$	72,000	\$	-	\$	-	\$	72,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

TID responsible for 100% of cost for sewer on Rust Lane and Aicholtz Road.
 Estimated cost of construction along the eastern alignment of Aicholtz Road is \$72,000.

Problems:

PROJECT SUMMARY

Project :	Arrowhead Wastewater Treatment Plant Elimination 6402-	Project Manager:	CR	Date of Update:	21-Jan-15
Description:	Elimination of a package wastewater treatment plant constructed in 1972. Flow to be directed to Wards Corner Regional WWTP.			Justification:	Petition BOH Master Plan XL
Township	Miami	Resolutions:	RAGP RADP RON RDTP	Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	O&M/year	Construction:	Bld Opening: Contract Award: Contract Execution: Notice to Proceed:		
Easements Procured:	N/A				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total					
Preliminary Engineering Date Complete:										\$0					
Detail Plans Date Complete:		\$100,000					\$100,000			\$100,000					
Land/Easements		\$25,000					\$25,000			\$25,000					
Construction Engineering and Inspection										\$0					
General Contractor		\$1,000,000						\$1,000,000		\$1,000,000					
Misc										\$0					
Total		\$1,125,000	\$0	\$0	\$0	\$0	\$125,000	\$1,000,000	\$0	\$1,125,000					
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	125,000	\$	1,000,000	\$	-	\$	1,125,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

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

Problems:
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.

PROJECT SUMMARY

Project :	Bethel Area Sewer Replacement	6402-60106	Project Manager:	JG	Date of Update:	21-Jan-15
Description:	Replacement and upsizing of various sewer mains in the Bethel area to address capacity issues identified during flow monitoring completed in 2012 & 2013.				Justification:	Petition BOH Master Plan XL MEF P2-08 Consent Order Other
Township	Tate				Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	Unknown					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering <i>Date Complete:</i>	FTC&H	\$80,000	\$80,000							\$80,000
Detail Plans <i>Date Complete:</i>		\$95,600	\$13,100	\$82,500						\$95,600
Land/Easements		\$70,000		\$35,000	\$35,000					\$70,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,081,800			\$540,900	\$540,900				\$1,081,800
Misc		\$1,500			\$1,500					\$1,500
	THELEN	\$6,976	\$6,976							\$6,976
Total		\$1,335,876	\$100,076	\$117,500	\$577,400	\$540,900	\$0	\$0	\$0	\$1,335,876
Funding Source:	Capital Improvement Fund		\$ 100,076	\$ 117,500	\$ 577,400	\$ 540,900	\$ -	\$ -	\$ -	\$ 1,335,876
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Reduces and/or eliminates wet weather overflows at the Bethel Lift Station.
 Preliminary Engineering for lift station storage upsizing included flow monitoring, rain gauge, and InfoWorks Model verification.
 Upsizing of lift station storage is not necessary. However, capacity issues in the collections system were identified. Project has been adjusted to represent the change from additional storage to sewer replacement.
 Project address parts of WWMPU Projects MEF P2-08, P1-02, P1-01, P2-07, P2-06, P2-05

Problems: Easements. Manpower. Materials. Weather. etc

Note: FTC&H Original contract for Bethel Lift Station Storage \$125,111. Approximately \$45,000 not used.

PROJECT SUMMARY

Project :	Collection System Rehabilitation	6402-62002	Project Manager:	JG	Date of Update:	21-Jan-15
Description:	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.				Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other
Township	Countywide				Coordinates:	
Annual Effect on Operations:	O&M/Year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	Unknown					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering			\$0							\$0
Date Complete:										
Detail Plans		\$150,791	\$50,791		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$150,791
Date Complete:										
Land/Easements			\$0							\$0
Construction Engineering and Inspection			\$0							\$0
General Contractor		\$12,675,700	\$1,137,500	\$138,200	\$2,000,000	\$2,350,000	\$2,350,000	\$2,350,000	\$2,350,000	\$12,675,700
Misc		\$918	\$918							\$918
Total		\$12,827,409	\$1,189,209	\$138,200	\$2,020,000	\$2,370,000	\$2,370,000	\$2,370,000	\$2,370,000	\$12,827,409
Funding Source:	Capital Improvement Fund	\$ 1,189,209	\$ 138,200	\$ 2,020,000	\$ 2,370,000	\$ 2,370,000	\$ 2,370,000	\$ 2,370,000	\$ 2,370,000	\$ 11,638,200
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

PROJECT SUMMARY

Project :	Collection System Rehabilitation - 2015	6402-62005	Project Manager:	JG	Date of Update:	21-Jan-15
Description:	Rehabilitation of approximately 12,960 feet of 6", 8", 15" & 21" sanitary sewer main, 52 manholes and the installation of 77 lateral cleanouts along Adlor Ln, Michael Dr, Nimile-Tobasco Rd, Davis Rd, Clough Pike, North Presential Dr, Madison Park, and on the airport property.				Justification:	Petition BOH Master Plan XL
Township	Peirce, Union & Batavia				Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	na					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,850,000		\$1,850,000						\$1,850,000
Misc		\$1,000		\$1,000						\$1,000
Total		\$1,851,000	\$0	\$1,851,000	\$0	\$0	\$0	\$0	\$0	\$1,851,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 1,851,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,851,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems:

PROJECT SUMMARY

Project : Commercial Revenue Enhancement 6402- Project Manager:	Date of Update: 21-Jan-15
Description: New sewer improvements to increase commercial revenues.	Justification: Petition BOH Master Plan XL Capacity Need Consent Order Other
Township: Countywide	Coordinates:
Annual Effect on Operations: O&M/Year Resolutions: RAGP RADP RON RDTP	Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: Unknown	
Special Conditions:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:			\$0							\$0
Detail Plans Date Complete:			\$0							\$0
Land/Easements			\$0							\$0
Construction Engineering and Inspection			\$0							\$0
General Contractor			\$0							\$0
Misc		\$600,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Total		\$600,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Funding Source:	Capital Improvement Fund	\$	-	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
	Assessment	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Increased sewer revenues through commercial development, which promotes minimized adjustment of sewer rates for all customers.

PROJECT SUMMARY

Project :	Environmental Upgrades - WWTP	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Treatment plant upgrades to address new permit limits as a result of the TMDL for East Fork of the Little Miami River (EFLMR).			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other
Township	Countywide			Coordinates:	
Annual Effect on Operations:	O&M/Year	Resolutions: RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$480,000							\$480,000	\$480,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$5,520,000							\$5,520,000	\$5,520,000
Misc										\$0
Total		\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000,000	\$6,000,000

Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	-	\$	-	\$	6,000,000	\$	6,000,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Will bring WWTP's into compliance with anticipated OEPA permit limit requirements established in NPDES Permits

PROJECT SUMMARY

Project :	GIS - Sewer Share	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Aerial photography of County for application in GIS			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order <u>Other</u>
Township	Countywide			Coordinates:	
Annual Effect on Operations:	\$ Undetermined	O&M/Year	Resolutions: RAGP RADP RON RDTP	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total	
Preliminary Engineering Date Complete:										\$0	
Detail Plans Date Complete:										\$0	
Land/Easements										\$0	
Construction Engineering and Inspection General Contractor										\$0	
Misc		\$100,000	\$25,000	\$25,000		\$25,000		\$25,000		\$100,000	
Total		\$100,000	\$25,000	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$100,000	
Funding Source:	Capital Improvement Fund	\$	25,000	\$	25,000	\$	-	\$	25,000	\$	100,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
 CCWRD's contribution to the GIS ortho photos

PROJECT SUMMARY

Project :	Hall Run Sewer Replacement & EQ Expansion	6402-	Project Manager:	JG	Date of Update:	21-Jan-15
Description:	Construction of approximately 1,500 feet of relief sewers downstream of the Hall Run EQ facility. Relief sewers to be constructed by "piggy backing", parallel installation, direct replacement, or pipe burst. Replacement of approximately 1,730 of sewer south of Fischer Lane and construction of an additional 3 MG equalization tank at the Hall Run EQ site.				Justification:	Petition BOH Master Plan XL LEF-P1-03 LEF-P1-08 Capacity Need Consent Order Other
Township	Union Township				Coordinates:	
Annual Effect on Operations:	O&M/Year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	No					
Special Conditions:	Partial Coord. w/ TID					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering <i>Date Complete:</i>										\$0
Detail Plans <i>Date Complete:</i>	EMH&T \$12,750.00	\$112,750	\$12,750				\$100,000			\$112,750
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$2,900,000						\$1,000,000	\$1,900,000	\$2,900,000
Misc		\$939	\$939							\$939
Total		\$3,013,689	\$13,689	\$0	\$0	\$0	\$100,000	\$1,000,000	\$1,900,000	\$3,013,689
Funding Source:	Capital Improvement Fund	\$ 13,689	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 1,000,000	\$ 1,900,000	\$ 3,013,689
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Provides additional downstream capacity to maximize the performance of the Hall Run EQ tank. Replaces undersized concrete sewers installed in 1965 and provides additional wet weather storage at the Hall Run EQ facility.

SSES and I/I Removal to occur prior to design and construction of improvements. If I/I Removal is substantial, the need to construct the improvements may be unnecessary. Pre and Post flow monitoring of I/I removal will determine needed improvements.

TID Coordination - Design / Replacement of approximately 647' of 12" sewer (replace w/ 18" sewer) to be coordinated with Tina Drive Extension Project.

PROJECT SUMMARY

Project :	Hall Run Stream Restoration	6402-	Project Manager:		Date of Update:	21-Jan-15
Description:	Stream Restoration and/or sewer relocation to correct stream bank and stream bed erosion that has exposed portions of the sewer main from MH 9736 to 9738.				Justification:	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township	Union				Coordinates:	
Annual Effect on Operations:	O&M/year		Resolutions:	RAGP RADP RON RDTP		
Easements Procured:	No			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-BEYOND	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$10,000		\$10,000						\$10,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$40,000			\$40,000					\$40,000
Misc										\$0
Total		\$50,000	\$0	\$10,000	\$40,000	\$0	\$0	\$0	\$0	\$50,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 10,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

PROJECT SUMMARY

Project :	Happy Hollow LS Upgrade	6402-60109	Project Manager:	KK	Date of Update:	21-Jan-15
Description:	Upgrade of the Happy Hollow Lift Station to provide additional capacity				Justification:	Petition Capacity
Township	Miami					<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> BOH Master Plan XL </div> <div style="text-align: center;"> LEF P1-12 </div> <div style="text-align: center;"> Need Consent Order Other </div> </div>
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering			\$0							\$0
Date Complete:										
Detail Plans	Jacobs	\$124,815	\$122,046	\$2,769						\$124,815
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$616,525	\$592,667	\$23,858						\$616,525
Misc		\$2,800	\$1,800	\$1,000						\$2,800
Total		\$744,140	\$716,513	\$27,627	\$0	\$0	\$0	\$0	\$0	\$744,140
Funding Source:	Capital Improvement Fund	\$ 716,513	\$ 27,627	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 744,140
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Provides additional capacity to the lift station and includes new pumps, electrical upgrades, and a new back-up generator.

Engineering includes flow monitoring w/ rain gauge & Model Update to determine peak wet weather flows and needed pumping capacity.

PROJECT SUMMARY

Project :	Indianview Lift Station	651-0857	Project Manager:	Date of Update:	21-Jan-15
Description:	Replacement/relocation of existing lift station and force main.			Justification:	Petition Capacity BOH <u>Need</u> Master Plan Consent Order XL Other
Township	Miami Township			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	No				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL					
Preliminary Engineering Date Complete:			\$0							\$0					
Detail Plans Date Complete:		\$64,240	\$39,240				\$25,000			\$64,240					
Land/Easements		\$10,000						\$10,000		\$10,000					
Construction Engineering and Inspection			\$0							\$0					
General Contractor		\$350,000	\$0						\$350,000	\$350,000					
Misc			\$0							\$0					
Total		\$424,240	\$39,240	\$0	\$0	\$0	\$25,000	\$10,000	\$350,000	\$424,240					
Funding Source:	Capital Improvement Fund	\$	39,240	\$	-	\$	-	\$	25,000	\$	10,000	\$	350,000	\$	424,240
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Replaces aged liftstation

Problems: Due to easement acquisition difficulties, the existing LS may be upgraded

PROJECT SUMMARY

Project :	Lewis Road Trunk Sewer	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	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.			Justification:	Petition BOH Master Plan XL LHR-P2-T2 Capacity Need Consent Order Other
Township	Miami			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	No				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	20209-Beyond	TOTAL											
Preliminary Engineering Date Complete:										\$0											
Detail Plans Date Complete:		\$75,000				\$75,000				\$75,000											
Land/Easements		\$15,000				\$15,000				\$15,000											
Construction Engineering and Inspection										\$0											
General Contractor		\$950,000					\$950,000			\$950,000											
Misc										\$0											
Total		\$1,040,000	\$0	\$0	\$0	\$90,000	\$950,000	\$0	\$0	\$1,040,000											
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	90,000	\$	950,000	\$	-	\$	-	\$	-	\$	-	\$	1,040,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

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: Easements

PROJECT SUMMARY

Project :	Lower East Fork WWTP Expansion	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	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.			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other
Township	Miami			Coordinates:	
Annual Effect on Operations:	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening:
Easements Procured:				Contract Award:	
Special Conditions:				Contract Execution:	
				Notice to Proceed:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$650,000							\$650,000	\$650,000
Land/Easements										\$0
Construction Engineering and Inspection		\$500,000							\$500,000	\$500,000
General Contractor		\$13,000,000							\$13,000,000	\$13,000,000
Misc										\$0
Total		\$14,150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$14,150,000	\$14,150,000

Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	-	\$	-	\$	14,150,000	\$	14,150,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Provides additional capacity for future development

Problems: Permitting

PROJECT SUMMARY

Project : Miamiville Proper Sewer Assessment 6402- Project Manager: CR	Date of Update: 21-Jan-15
Description: Miamiville and vicinity (Bette Anne & Riverview) Wastewater Collection System	Justification: Petition BOH 13 Capacity Need Master Plan XL LVHR - 7 Consent Order Other
Township: Miami Township	Coordinates:
Annual Effect on Operations: \$ 2,000 O&M/year	Resolutions: RAGP RADP RON RDTP
Easements Procured: Unknown	
Special Conditions:	Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$125,000							\$125,000	\$125,000
Land/Easements		\$45,000							\$45,000	\$45,000
Construction Engineering and Inspection									\$0	\$0
General Contractor		\$1,575,000							\$1,575,000	\$1,575,000
Misc		\$100,000							\$100,000	\$100,000
Total		\$1,845,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,845,000	\$1,845,000

Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,000	\$ 170,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,675,000	\$ 1,675,000
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant - CDBG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Provide sewer service to on-site problems identified on WWMP and by BOH Identified to protect MGS wellfields

Problems: Easements, Manpower, Materials, Weather, etc

PROJECT SUMMARY

Project :	Miamiville Sewer Extension	6402-60122	Project Manager: KK	Date of Update: 21-Jan-15
Description:	Construction of approximately 2,000' of new sanitary sewer along Loveland-Miamiville Road and SR 126 to benefit existing properties and proposed commercial development.			Justification: Petition BOH Master Plan XL <u>Capacity Need</u> Consent Order Other
Township	Miami			Coordinates:
Annual Effect on Operations:	\$ 1,000 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	Easements being acquired			
Special Conditions:				

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:	Thelen	\$7,800	\$7,800							\$7,800
Detail Plans Date Complete:		\$92,560	\$81,246	\$11,314						\$92,560
Land/Easements		\$30,000		\$30,000						\$30,000
Construction Engineering and Inspection										\$0
General Contractor		\$930,000		\$300,000	\$630,000					\$930,000
Misc										\$0
Total		\$1,060,360	\$89,046	\$341,314	\$630,000	\$0	\$0	\$0	\$0	\$1,060,360
Funding Source:	Capital Improvement Fund		\$ 89,046	\$ 341,314	\$ 595,000	\$ (843,910)	\$ -	\$ -	\$ -	\$ 181,450
	Assessment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant Duke/TIF		\$ -	\$ -	\$ 35,000	\$ 843,910	\$ -	\$ -	\$ -	\$ 878,910

Positive Aspects of Project:

Partial funding from Miami Township TIF and Duke Energy incentive grant. Duke grant of \$35,000.
 Costs associated with over-sizing for future extensions/future development to be covered with CIP funds, \$181,450.

Problems: Easements

PROJECT SUMMARY

Project :	Middle East Fork WWTP Grit & Screening Building Roof Replacement	6402-60126	Project Manager:	JG	Date of Update:	21-Jan-15
Description:	Replacement of the roofing at the Middle East Fork WWTP Grit and Screening Buildings.				Justification:	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township	Batavia				Coordinates:	
Annual Effect on Operations:	O&M/year		Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	NA					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL	
Preliminary Engineering Date Complete:										\$0	
Detail Plans Date Complete:		\$12,500	\$12,500							\$12,500	
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$410,000		\$410,000						\$410,000	
Misc										\$0	
Total		\$422,500	\$12,500	\$410,000	\$0	\$0	\$0	\$0	\$0	\$422,500	
Funding Source:	Capital Improvement Fund	\$	12,500	\$	410,000	\$	-	\$	-	\$	422,500
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Provides protection to the WWTP's screening equipment

Necessity/Justification:
Due to the corrosive atmospheric conditions within the Grit and Screening Buildings, significant structural damage to the roofing system. This damage has also been identified in the roofing report prepared by Garland.

PROJECT SUMMARY

Project :	Mound Street & Spring Street Sewer Petition	6402-60003	Project Manager:	CR	Date of Update:	21-Jan-15
Description:	Installation of approximately 4,440 feet of 8" sewer main along Mound & Spring Streets				Justification:	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Petition BOH Master Plan XL </div> <div style="text-align: center;"> Capacity Need Consent Order Other </div> </div>
Township	Tate				Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening:
Easements Procured:	No				Contract Award:	Contract Execution:
Special Conditions:					Notice to Proceed:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering <small>Date Complete:</small>	Woolpert	\$6,500	\$6,500							\$6,500
Detail Plans <small>Date Complete:</small>	Woolpert	\$58,190	\$58,190							\$58,190
Land/Easements		\$5,500	\$0						\$5,500	\$5,500
Construction Engineering and Inspection			\$0							\$0
General Contractor		\$900,000	\$0						\$900,000	\$900,000
Misc		\$82,800	\$3,700						\$79,100	\$82,800
Total		\$1,052,990	\$68,390	\$0	\$0	\$0	\$0	\$0	\$984,600	\$1,052,990

Funding Source:	Capital Improvement Fund	\$	68,390	\$	-	\$	-	\$	-	\$	-	\$	-	\$	25,000	\$	93,390
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	959,600	\$	959,600
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Eliminates aged on-site septic systems and addresses a petition by property owners

Problems: Funding / In need of Grant money to offset assessment costs

PROJECT SUMMARY

Project :	Naeqele Lift Station Improvements	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Conversation of the existing lift station to a wet well mounted retrofit of submersible type lift station.			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other
Township	Pierce			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:
Easements Procured:	No			Bid Opening:	Contract Award:
Special Conditions:				Contract Execution:	Notice to Proceed:

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$35,000		\$35,000						\$35,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$150,000			\$150,000					\$150,000
Misc										\$0
Total		\$185,000	\$0	\$35,000	\$150,000	\$0	\$0	\$0	\$0	\$185,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 35,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 185,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Upgrade to aging lift station equipment that is reaching the end of its useful life.

Problems:

PROJECT SUMMARY

Project :	Nature Run Lift Station Upgrade	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Upgrade to the pumps, pumping, controls, control panel, valves and generator of the Natures Run lift station.			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other
Township	Union			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	No				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$25,000		\$25,000						\$25,000
Land/Easements										\$0
Construction Engineering and Inspection General Contractor		\$100,000		\$100,000						\$100,000
Misc										\$0
Total		\$125,000	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Protection of the environment from raw sewage spills in the event of a loss of power.
 Upgrade to aqinq lift station equipment that is reaching the end of its useful life.

Problems:

PROJECT SUMMARY

Project :	Newtonsville Collection System Assessment	6402-60116	Project Manager:	CR		Date of Update:	21-Jan-15
Description:	Collection system for the Village of Newtonsville and Surrounding/Adjacent Area.					Justification:	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> Petition BOH Master Plan </div> <div style="text-align: center;"> 11 ST - 3 SLC-P1-T1 </div> <div style="text-align: center;"> Capacity Need Consent Order Other </div> </div>
Township	Wayne Township					Coordinates:	XL
Annual Effect on Operations:	\$ 2,500 O&M/Year	Resolutions: RAGP RADP RON RDTP			Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
Easements Procured:	No Unknown						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering	Santoro	\$47,190	\$47,190							\$47,190
	Date Complete: CH2M Hill (\$162,000)	\$162,000	\$117,000	\$45,000						\$162,000
Detail Plans		\$97,000		\$97,000						\$97,000
	Date Complete:									
Land/Easements		\$252,000		\$50,000	\$202,000					\$252,000
Construction Engineering and Inspection										\$0
General Contractor		\$4,205,280				\$3,000,000	\$1,205,280			\$4,205,280
Misc		\$1,430	\$1,430							\$1,430
Total		\$4,764,900	\$165,620	\$192,000	\$202,000	\$3,000,000	\$1,205,280	\$0	\$0	\$4,764,900
Funding Source:	Capital Improvement Fund	\$ 165,620	\$ 192,000	\$ 202,000	\$ 3,000,000	\$ (3,252,000)	\$ -	\$ -	\$ -	\$ 307,620
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ 4,457,280	\$ -	\$ -	\$ -	\$ 4,457,280
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Provide sewer service to on-site problems identified in WWMP and by BOH

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

Project is being submitted for USDA/RD & OPWC grant and loan funds.
 Project identified in 2011 Waste Water Master Plan Update SLC-P1-T1.

PROJECT SUMMARY

Project :	Nine Mile Collection Improvements	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Nine Mile collection system evaluation and I&I correction improvements			Justification:	Petition BOH Master Plan XL NML P1-01 Capacity Need Consent Order Other
Township	Pierce Township			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	no				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:		\$35,000				\$35,000				\$35,000
Detail Plans Date Complete:		\$80,000				\$80,000				\$80,000
Land/Easements		\$65,000					\$65,000			\$65,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,100,000						\$1,100,000		\$1,100,000
Misc										\$0
Total		\$1,280,000	\$0	\$0	\$0	\$115,000	\$65,000	\$1,100,000	\$0	\$1,280,000

Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	115,000	\$	65,000	\$	1,100,000	\$	-	\$	1,280,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Flow Monitoring - I/I Study required as part of the Preliminary Engineering
 Reduce and/or convey excessive I/I in trunk line

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

Project identified in 2011 Waste Water Master Plan Update NML-P1-01. Replacement of approximately 6000' of sewer.

PROJECT SUMMARY

Project : Nine Mile WWTP Blower Upgrade 6402-60114 Project Manager: JG	Date of Update: 21-Jan-15
Description: Installation of three (3) new 60-HP positive displacement blowers for the digester tanks and two (2) new positive displacement blowers for post-aeration. Also includes new air header piping, valves and electrical with VFD's, instrumentation, programing and SCADA integration.	Justification: Petition Capacity
	BOH Master Plan XL <u>Need</u> Consent Order Other
Township: Pierce	Coordinates:
Annual Effect on Operations: O&M/year	Resolutions: RAGP RADP RON RDTP
Easements Procured: No	
Special Conditions:	Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering <i>Date Complete:</i>										\$0
Detail Plans <i>Date Complete:</i>	EES	\$19,800	\$19,800							\$19,800
Land/Easements										\$0
Construction Engineering and Inspection General Contractor		\$556,250		\$556,250						\$556,250
Misc										\$0
Total		\$576,050	\$19,800	\$556,250	\$0	\$0	\$0	\$0	\$0	\$576,050
Funding Source:	Capital Improvement Fund	\$ 19,800	\$ 536,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 556,050
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant-Duke	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Positive Aspects of Project: Replaces ages, inefficient centrifugal blowers. Estimated annual energy savings is \$25,901 per year.
 Replaces ages, inefficient centrifugal blowers. Estimated annual energy savings is \$25,901 per year.
 This project qualifies for a Duke Energy incentive grant.
 Costs for engineering services provided by operation's budget.

Problems: The WWTP must remain in operation during construction.

PROJECT SUMMARY

Project :	O'Bannon Trunk Sewer Improvements fka O'Bannon Flow Equalization Facility	651-0008	Project Manager:	Date of Update: 21-Jan-15
Description:	Sewer improvements to approximately 15,600 feet of sanitary sewer.			Justification: Petition BOH Master Plan XL OBN P1-02 Capacity Need Consent Order Other
Township	Goshen			Coordinates:
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	no			
Special Conditions:				

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering <i>Date Complete:</i>		\$35,000			\$35,000					\$35,000
Detail Plans <i>Date Complete:</i>	BBS (\$39,453)	\$289,460	\$39,460		\$175,000	\$75,000				\$289,460
Land/Easements		\$150,000				\$150,000				\$150,000
Construction Engineering and Inspection										\$0
General Contractor		\$2,850,000				\$1,000,000	\$1,850,000			\$2,850,000
Misc		\$50,600	\$600			\$10,000	\$40,000			\$50,600
Total		\$3,375,060	\$40,060	\$0	\$210,000	\$1,235,000	\$1,890,000	\$0	\$0	\$3,375,060

Funding Source:	Capital Improvement Fund	\$	40,060	\$	-	\$	210,000	\$	1,235,000	\$	1,890,000	\$	-	\$	-	\$	3,375,060
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Provides additional capacity for existing and future development and for excess wastewater flow during rain events
Flow Monitoring - I/I Study required as part of the Preliminary Engineering. Under contract late 2015 with flow monitoring in early 2016.

Problems: Siting, permitting, easement acquisition

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.

Project identified in 2011 Waste Water Master Plan Update OBN-P1-02

PROJECT SUMMARY

Project : O'Bannon WWTP Bio-Solids Dewatering	6402-	Project Manager:	Date of Update: 21-Jan-15
Description: Installation of a new permanent centrifuge, shelter, and blowers to provide bio-solids dewatering.			Justification: Petition BOH Master Plan XL Capacity Need Consent Order Other
Township: Goshen			Coordinates:
Annual Effect on Operations: O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: na			
Special Conditions:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:			\$0							\$0
Detail Plans Date Complete:		\$80,000	\$0					\$80,000		\$80,000
Land/Easements			\$0							\$0
Construction Engineering and Inspection			\$0							\$0
General Contractor		\$1,100,000	\$0					\$1,100,000		\$1,100,000
Misc			\$0							\$0
Total		\$1,180,000	\$0	\$0	\$0	\$0	\$0	\$1,180,000	\$0	\$1,180,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180,000	\$ -	\$ 1,180,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems: Permitting, Funding

PROJECT SUMMARY

Project :	O'Bannon WWTP Reclaimed Water Pumps and Force Main	651-0042	Project Manager:	KK	Date of Update:	21-Jan-15	
Description:	Purchase and installation of 2 new pumps and approximately 1,350 feet of 6" force main to supply non-potable water (250,000 gpd) to O'Bannon Creek Golf Course. One pump will pump sludge to the centrifuge and one will pump treated effluent to the O'Bannon Creek Golf Course.					Justification:	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township	Goshen Township					Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:	N/A						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:	In House	\$8,000							\$8,000	\$8,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$100,000							\$100,000	\$100,000
Misc										\$0
Total		\$108,000	\$0	\$0	\$0	\$0	\$0	\$0	\$108,000	\$108,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 108,000	\$ 108,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Beneficial re-use of treated effluent from the O'Bannon WWTP for irrigation at the O'Bannon Creek Golf Course. O'Bannon Creek Golf Course to compensate for reclaimed water used.

Problems:

New EPA Regulations for irrigating with treated effluent.

PROJECT SUMMARY

Project :	Old SR 74 Widening Olive Branch-Stonelick to Armstrong Blvd Improvements	6402-	Project Manager: TC	Date of Update:	21-Jan-15
Description:	Replacement and relocation of existing sanitary sewer mains as part of a roadway widening and improvement project along Old SR 74 from Olive Branch-Stonelick Road to Armstrong Blvd.			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other
Township	Unio & Batavia			Coordinates:	
Annual Effect on Operations:	\$ - O&M/year	Resolutions: RAGP RADP RON RDTP			Construction: Bld Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	na				
Special Conditions:	Coordinate w/ TID Project				

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:										\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$105,000			\$105,000					\$105,000
Misc										\$0
Total		\$105,000	\$0	\$0	\$105,000	\$0	\$0	\$0	\$0	\$105,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
CLE-CR171-4.89; PID No. 82582

Problems:

PROJECT SUMMARY

Project :	Olive Branch-Stonelick Sewer Extension	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	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			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order <u>Other</u>
Township	Batavia & Union Township			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:					
Special Conditions:	Coordinate w/ TID Project				

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering <i>Date Complete:</i>	HNTB	\$20,000	\$20,000							\$20,000
Detail Plans <i>Date Complete:</i>		\$100,000							\$100,000	\$100,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$1,750,000							\$1,750,000	\$1,750,000
Misc										\$0
Total		\$1,870,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$1,850,000	\$1,870,000

Funding Source:	Capital Improvement Fund	\$	20,000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	1,850,000	\$	1,870,000	
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$

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: Easements, Permitting, Funding
 CIP Funds intended for oversizing costs

PROJECT SUMMARY

Project :	Shayler Run Segment A Sewer Replacement	6402-60111	Project Manager:	KK	Date of Update:	21-Jan-15
Description:	Completion of the Shayler Run Segment A sewer replacement project from Old SR 74 to the beginning of the Shayler 42" Tunnel. Consists of replacing approximately 1,250 feet of 18" sewer.				Justification:	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township	Union				Coordinates:	
Annual Effect on Operations:	\$ -	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	yes					
Special Conditions:	Will be built following completion of the Shayler Tunnel					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering										\$0
Date Complete:										
Detail Plans	Brandstetter Carroll	\$33,330	\$33,330							\$33,330
Date Complete:										
Land/Easements		\$11,200	\$11,200							\$11,200
Construction Engineering and Inspection										\$0
General Contractor		\$563,230	\$563,230							\$563,230
Misc		\$13,400	\$13,400							\$13,400
		\$800	\$800							
Total		\$621,960	\$621,960	\$0	\$0	\$0	\$0	\$0	\$0	\$621,160
Funding Source:	Capital Improvement Fund	\$ 90,574	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,574
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan (OPWC)	\$ 271,007	\$ 271,007	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant (OPWC)	\$ 260,379	\$ 260,379	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Eliminates a bottleneck within the collection system and helps to convey flow to the Shayler EQ project.

Problems: Requires the construction of the Shayler Run Segment "C" to be completed first.

OPWC PY 27 App. Funding 49% of Project Cost

PROJECT SUMMARY

Project :	Shayler Run - Seq E	651-0125	Project Manager:	Date of Update:	21-Jan-15
Description:	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			Justification:	Petition Capacity BOH Need <u>Master Plan</u> LEF P2-19 Consent Order XL Other
Township	Batavia & Union Township			Coordinates:	
Annual Effect on Operations:	\$ 2,500	O&M/year	Resolutions: RAGP RADP RON RDTP	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	No	Unknown			
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total	
Preliminary Engineering <small>Date Complete:</small>	FPS									\$0	
Detail Plans <small>Date Complete:</small>	SWS	\$156,600	\$156,600							\$156,600	
Land/Easements		\$105,500	\$5,500			\$100,000				\$105,500	
Construction Engineering and Inspection		\$0	\$0							\$0	
General Contractor		\$990,000	\$0				\$990,000			\$990,000	
Misc		\$10,000	\$1,860				\$8,140			\$10,000	
Total		\$1,262,100	\$163,960	\$0	\$0	\$100,000	\$998,140	\$0	\$0	\$1,262,100	
Funding Source:	Capital Improvement Fund	\$	163,960	\$	-	\$	100,000	\$	998,140	\$	1,262,100
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Conveys high wetweather flow

Potential coordination with TID project

PROJECT SUMMARY

Project :	Shayler Run Upstream Sewer Upgrade	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Replacement of approximately 4,900 feet of sewer main and the construction of a 3 million gallon storage facility.				Justification: Petition BOH <u>Master Plan</u> XL Capacity Need Consent Order Other
Township	Union				Coordinates:
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	No				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total
Preliminary Engineering <i>Date Complete:</i>		\$50,000			\$50,000					\$50,000
Detail Plans <i>Date Complete:</i>		\$75,000				\$75,000				\$75,000
Land/Easements		\$50,000				\$50,000				\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$980,000					\$980,000			\$980,000
Misc										\$0
Total		\$1,155,000	\$0	\$0	\$50,000	\$125,000	\$980,000	\$0	\$0	\$1,155,000

Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	50,000	\$	125,000	\$	980,000	\$	-	\$	-	\$	-	\$	1,155,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Project identified in the WWMPU (LEF-P1-01)

Problems: Easements, Manpower, Materials, Weather, etc

Preliminary engineering shall include flow monitoring, model updating and recommendations for improvements.
 Construction estimate does not include costs for storage facility.

PROJECT SUMMARY

Project :	SR 132 Sewer Improvements	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Sewer upgrades along SR 132 between SR 125 and Stable Trails			Justification:	Petition BOH Master Plan XL MEF P2-24 Consent Order Capacity Need Other
Township	Batavia			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL	
Preliminary Engineering Date Complete:		\$25,000						\$25,000		\$25,000	
Detail Plans Date Complete:		\$100,000						\$100,000		\$100,000	
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$600,000						\$600,000		\$600,000	
Misc										\$0	
Total		\$725,000	\$0	\$0	\$0	\$0	\$0	\$725,000	\$0	\$725,000	
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	-	\$	725,000	\$	725,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

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)

PROJECT SUMMARY

Project :	SR 132 Sewer Petition	Project No.:	6402-60088	Project Manager:	CR	Date of Update:	21-Jan-15		
Description:	Construction of Approximately 3450 feet of 8" gravity sewer from the existing sewer to the County Line along SR 132 east of Shiloh Road.					Justification:	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Petition BOH Master Plan XL </div> <div style="text-align: center;"> Capacity Need Consent Order Other </div> </div>		
Township	Goshen					Coordinates:			
Annual Effect on Operations:	\$	100	O&M/year	Resolutions:	<div style="border: 1px solid black; padding: 2px;"> RAGP RADP RON RDTP </div>			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	No								
Special Conditions:									

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total	
Preliminary Engineering <small>Date Complete:</small>	Soil Borings, Thelen Assoc.	\$12,377	\$12,377							\$12,377	
Detail Plans <small>Date Complete:</small>	MSP	\$22,575	\$22,575							\$22,575	
Land/Easements	Tree	\$7,350	\$7,350							\$7,350	
Construction Engineering and Inspection										\$0	
General Contractor		\$250,000			\$250,000					\$250,000	
Misc		\$5,000			\$5,000					\$5,000	
Total		\$297,302	\$42,302	\$0	\$255,000	\$0	\$0	\$0	\$0	\$297,302	
Funding Source:	Capital Improvement Fund	\$	42,302	\$	-	\$	5,000	\$	-	\$	47,302
	Assessment	\$	-	\$	-	\$	250,000	\$	-	\$	250,000
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
 Provides sewer service to petitioning property owners. Provides ability to serve the Village of Pleasant Plain & Hartz Mountain in Warren County.

Construction of 10" gravity sewer is under construction and funded by Hartz Mountain in Warren County. Installation of sewer laterals is not included in scope of current construction project. General Contractor / Assessment figures represent cost to install laterals to individual homes following construction of the sewer main.

PROJECT SUMMARY

Project :	Tanglewood Lift Station Elimination	6402-60118	Project Manager:	JG	Date of Update:	21-Jan-15	
Description:	Installation of approximately 455 feet of 8" sanitary sewer between the Tanglewood Lift Station to the sewer in the Webers Crossing subdivision to allow for the elimination of the Tanglewood Lift Station.				Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other	
Township	Miami	Resolutions: RAGP RADP RON RDTP				Coordinates:	
Annual Effect on Operations:	\$ (1,200) O&M/year					Construction:	Bld Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	Yes						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL	
Preliminary Engineering <i>Date Complete:</i>										\$0	
Detail Plans <i>Date Complete:</i>	In House									\$0	
Land/Easements	Easements	\$6,000	\$6,000							\$6,000	
	Berding	\$2,500	\$2,500							\$2,500	
Construction Engineering and Inspection										\$0	
General Contractor		\$114,500	\$82,400	\$32,100						\$114,500	
Misc		\$8,060		\$8,060						\$8,060	
	Thelen	\$650	\$650							\$650	
Total		\$131,710	\$91,550	\$40,160	\$0	\$0	\$0	\$0	\$0	\$131,710	
Funding Source:	Capital Improvement Fund	\$	91,550	\$	40,160	\$	-	\$	-	\$	131,710
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Eliminates a lift station.

Project originally designed in 2004. Project redesigned in house. Easements procured in 2004.

PROJECT SUMMARY

Project :	Turnberry Lift Station Elimination	6402-60115	Project Manager:	KK	Date of Update:	21-Jan-15
Description:	Elimination of the Turnberry LS by installation of approximately 225' of 10" gravity sewer. This project will redirect flow from the LEF collection system to the 9-Mile collection system.				Justification:	Petition BOH Master Plan XL Capacity <u>Need</u> Consent Order Other
Township	Pierce				Coordinates:	
Annual Effect on Operations:	\$ (1,200) O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering <i>Date Complete:</i>	Thelen	\$3,400	\$3,400							\$3,400
Detail Plans <i>Date Complete:</i>	In house									\$0
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$67,100		\$67,100						\$67,100
Misc		\$6,600	\$2,600	\$4,000						\$6,600
Total		\$77,100	\$6,000	\$71,100	\$0	\$0	\$0	\$0	\$0	\$77,100
Funding Source:	Capital Improvement Fund	\$ 6,000	\$ 71,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,100
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
Elimination of the Turnberry Lift Station.

PROJECT SUMMARY

Project :	Utilities Relocations	6402-60001	Project Manager:	Date of Update:	21-Jan-15
Description:	ODOT, Road and Project Relocations			Justification:	Petition Capacity BOH <u>Need</u> Master Plan Consent Order XL Other
Township	Countywide			Coordinates:	
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-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
Total		\$600,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Clough Pike Project funded by 80/20 Federal Grant. CCWRD sewer relocation costs included in grant. CCWRD will pay 20%, \$11,000, of the total sewer relocation costs, estimated at \$52,000.

PROJECT SUMMARY

Project :	Wards Corner Road Sewer Petition	6402-	Project Manager:	CR	Date of Update:	21-Jan-15
Description:	Installation of approximately 1,950 feet of 8" sewer main and appurtenances along Wards Corner Road to benefit 27 parcels.				Justification:	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Petition BOH Master Plan XL </div> <div style="text-align: center;"> Capacity Need Consent Order Other </div> </div>
Township	Miami				Coordinates:	
Annual Effect on Operations:	\$	200	O&M/year	Resolutions: RAGP RADP RON RDTP		Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	No					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total											
Preliminary Engineering										\$0											
Date Complete:																					
Detail Plans		\$40,000			\$40,000					\$40,000											
Date Complete:																					
Land/Easements		\$20,000				\$20,000				\$20,000											
Construction Engineering and Inspection										\$0											
General Contractor		\$350,000				\$350,000				\$350,000											
Misc		\$20,000				\$20,000				\$20,000											
Total		\$430,000	\$0	\$0	\$40,000	\$390,000	\$0	\$0	\$0	\$430,000											
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	40,000	\$	390,000	\$	(360,000)	\$	-	\$	-	\$	-	\$	-	\$	70,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	360,000	\$	-	\$	-	\$	-	\$	-	\$	360,000
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:

Eliminates HSTS's and addresses a petition

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

PROJECT SUMMARY

Project : Wastewater Stream Revetment 6402-60049 Project Manager:	Date of Update: 21-Jan-15
Description: Improvements to existing infrastructure to protect against damage from creeks and/or storm water.	Justification: Petition BOH Master Plan XL Capacity Need Consent Order Other
Township:	Coordinates:
Annual Effect on Operations: O&M/year	Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured: No	Resolutions: RAGP RADP RON RDTP
Special Conditions:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	TOTAL
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:	Stantec	\$36,032	\$36,032							\$36,032
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$739,432	\$239,432	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$739,432
Misc										\$0
Total		\$775,464	\$275,464	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$775,464
Funding Source:	Capital Improvement Fund	\$ 275,464	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 775,464
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems: Easements, Manpower, Materials, Weather, etc

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

PROJECT SUMMARY

Project :	Wolfpen-Pleasant Hill Road Sewer Upgrades	6402-	Project Manager:	Date of Update:	21-Jan-15
Description:	Replacement of approximately 4,430 feet of sewer main, addition of 3.5 million gallons of storage and upgrading the Highview lift station to 7 million gallons per day.			Justification:	Petition Capacity BOH Need Master Plan Consent Order XL Other
Township	Miami			Coordinates:	
Annual Effect on Operations:	O&M/year		Resolutions:	Construction:	
Easements Procured:	No		RAGP RADP RON RDTP	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2015	2016	2017	2018	2019	2020-Beyond	Total											
Preliminary Engineering <i>Date Complete:</i>		\$50,000			\$50,000					\$50,000											
Detail Plans <i>Date Complete:</i>		\$75,000			\$50,000	\$25,000				\$75,000											
Land/Easements		\$40,000				\$40,000				\$40,000											
Construction Engineering and Inspection General Contractor		\$886,000					\$886,000			\$886,000											
Misc										\$0											
Total		\$1,051,000	\$0	\$0	\$100,000	\$65,000	\$886,000	\$0	\$0	\$1,051,000											
Funding Source:	Capital Improvement Fund	\$	-	\$	-	\$	100,000	\$	65,000	\$	886,000	\$	-	\$	-	\$	-	\$	-	\$	1,051,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Project identified in the WWMPU (LEF-P1-04)

Problems: Easements, Manpower, Materials, Weather, etc

Preliminary engineering shall include flow monitoring, model updating and recommendations for improvements.
Construction estimate does not include costs for storage facility and the lift station upgrade.