

CLERMONT COUNTY WATER RESOURCES DEPARTMENT

**(EXHIBIT "A")
5 YEAR WASTEWATER CAPITAL IMPROVEMENT PLAN
(2014-2018)**

**CLERMONT COUNTY COMMISSIONERS
CLERMONT COUNTY, OHIO**



**CLERMONT
COUNTY**

Wastewater Sources of Funds

<hr/>	
Trust Funds (Balance as of 12/31/13)	
Wastewater Capital Improvement Fund	\$ 33,438,887
2013 Rev Replacement & Improvement Fund	\$ 2,019,855
Total On Hand	<u>\$ 35,458,742</u>
Additional Funds	
From Operations for Capital Contribution (From Rate Review Analysis - Avg \$1.0M/Yr)	\$ 5,200,000
From Operations - System Capacity Charges (From Rate Review Analysis - Avg \$1.38M/Yr)	\$ 6,900,000
Assessment Bonds/Notes/Private Funds - Future Projects(2014-2018)	\$ 3,273,218
Assessments on completed projects	
Grants	\$ 716,363
OPWC (Issue II) Loans	\$ 271,007
Total Source of Funds	<u>\$ 51,819,330</u>
Replacement & Improvement Fund Requirement	\$ (2,000,000)
Capital Improvement Fund Contingency	\$ (5,000,000)
Available Funding for 2014 - 2018 Construction Projects:	<u>\$ 44,819,330</u>

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

2014 Wastewater Capital Improvement Project Summary

Project #	Description	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total	*Adj. 5 yr. Total
6402-60077	Aicholtz Road, Phase II (Ivy Pt.) Sewer Improvements	350,029	23,269	326,760	-	-	-	-	-	350,029	326,760
6402-	Arrowhead Wastewater Treatment Plant Elimination	1,125,000	-	-	-	-	-	125,000	1,000,000	1,125,000	125,000
6402-60106	Bethel Area Sewer Replacement	1,082,576	77,181	105,395	900,000	-	-	-	-	1,082,576	1,005,395
6402-60120	Biosolids Dewatering Equipment	821,300	19,814	401,486	400,000	-	-	-	-	821,300	801,486
6402-62002	Collection System Rehabilitation	13,074,844	154,844	1,964,000	1,476,000	2,370,000	2,370,000	2,370,000	2,370,000	13,074,844	10,550,000
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	50,000
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
6402-60109	Happy Hollow LS Upgrade	922,790	87,595	195,195	640,000	-	-	-	-	922,790	835,195
6402-60107	Heatherstone Force Main Replacement	191,543	174,941.91	16,601	-	-	-	-	-	191,543	16,601
651-0857	Indianview Lift Station	424,240	39,240	-	35,000	350,000	-	-	-	424,240	385,000
6402-60100	Kitty Ln to Eva Ln Sewer Replacement	186,444	181,124	5,320	-	-	-	-	-	186,444	5,320
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	-
6402-60108	Mc Picken Drive Sewer Petition	126,144	34,191	91,953	-	-	-	-	-	126,144	91,953
6402-	Miamiville Proper Sewer Assessment	1,845,000	-	-	-	-	-	-	1,845,000	1,845,000	-
6402-60122	Miamiville Sewer Extension	570,000	-	70,000	500,000	-	-	-	-	570,000	570,000
6402-	Middle East Fork WWTP Grit & Screening Building Roof Replacement	165,000	-	165,000	-	-	-	-	-	165,000	165,000
6402-60003	Mound Street & Spring Street Sewer Petition	1,052,990	68,390	-	-	-	-	-	984,600	1,052,990	-
6402-	Nature Run Lift Station Generator	125,000	-	25,000	100,000	-	-	-	-	125,000	125,000
6402-60116	Newtonsville Collection System Assessment	2,048,620	48,620	250,000	200,000	775,000	775,000	-	-	2,048,620	2,000,000
6402-60117	Newtonsville WWTP	1,144,090	44,090	200,000	300,000	600,000	-	-	-	1,144,090	1,100,000
6402-	Nine Mile Collection Improvements	1,185,000	-	-	-	135,000	50,000	1,000,000	-	1,185,000	1,185,000
6402-60114	Nine Mile WWTP Blower Upgrade	556,250	-	556,250	-	-	-	-	-	556,250	556,250
651-0008	O'Bannon Trunk Sewer Improvements	3,400,060	40,060	85,000	375,000	1,350,000	1,550,000	-	-	3,400,060	3,360,000
6402-	O'Bannon WWTP Bio-Solids Dewatering	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-	O'Bannon WWTP Exterior Building Renovations	56,000	-	56,000	-	-	-	-	-	56,000	56,000
6402-	Olive Branch-Stonelick Sewer Extension	1,870,000	20,000	-	-	-	-	-	1,850,000	1,870,000	-
6402-60080	Sewer Scada System	1,893,040	1,876,880	16,160	-	-	-	-	-	1,893,040	16,160
6402-60111	Shayler Run Segment A Sewer Replacement	594,530	44,530	550,000	-	-	-	-	-	594,530	550,000
651-0125	Shayler Run - Seg E	1,262,100	163,960	-	-	-	100,000	998,140	-	1,262,100	1,098,140
6402-	SR 132 Sewer Improvements	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	94,900	9,142	85,758	-	-	-	-	-	94,900	85,758
6402-60115	Turnberry Lift Station Elimination	74,000	-	74,000	-	-	-	-	-	74,000	74,000
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	295,000	-	-	30,000	265,000	-	-	-	295,000	295,000
6402-60049	Wastewater Stream Revetment	775,464	275,464	100,000	100,000	100,000	100,000	100,000	-	775,464	500,000
TOTAL		65,350,945	3,464,326	5,614,879	5,611,000	6,310,000	6,220,000	5,793,140	32,337,600	65,350,945	29,549,019

2014 Wastewater Capital Improvement Project Summary

Description	Funding Source	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total	*Adj. 5 Yr Total
Tanglewood Lift Station Elimination		94,900	9,142	85,758	-	-	-	-	-	94,900	85,758
	Capital Improvement Fund	-	9,142	85,758	-	-	-	-	-	94,900	85,758
	Assessment	-	-	-	-	-	-	-	-	-	-
	Loan Grant	-	-	-	-	-	-	-	-	-	-
Turnberry Lift Station Elimination		74,000	-	74,000	-	-	-	-	-	74,000	74,000
	Capital Improvement Fund	-	-	74,000	-	-	-	-	-	74,000	74,000
	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		295,000	-	-	30,000	265,000	-	-	-	295,000	295,000
	Capital Improvement Fund	-	-	-	30,000	265,000	(265,000)	-	-	30,000	30,000
	Assessment	-	-	-	-	-	265,000	-	-	265,000	265,000
	Loan-OPWC Grant-OPWC	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-
TOTAL	Expenditures	65,350,945	3,464,326	5,614,879	5,611,000	6,310,000	6,220,000	5,793,140	32,337,600	65,350,945	29,549,019
	Capital Improvement Fund	58,330,436	3,395,005	5,522,895	4,686,396	5,025,000	4,205,000	5,793,140	29,703,000	58,330,436	25,232,431
	Assessment	5,907,818	-	-	358,218	900,000	2,015,000	-	2,634,600	5,907,818	3,273,218
	Loan	271,007	-	-	271,007	-	-	-	-	271,007	271,007
	Grant	785,684	69,321	35,984	295,379	385,000	-	-	-	785,684	716,363
*Adjusted 5 year plan = 2014-2018 Expenditure Plan											

PROJECT SUMMARY

Project :	Aicholtz Road, Phase II (Ivy Pt.) Sewer Improvements 6402-60077	Project Manager:	CR	Date of Update:	7-Jan-14
Description:	Approximately 2,200 feet of 12" sanitary sewer, which 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				BOH Master Plan - LEF-P3-20 Need Consent Order Other XL
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	2014	2015	2016	2017	2018	2019-Beyond	TOTAL	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans	MSP \$13,600, Bayer	\$20,000	\$11,506	\$8,494						\$20,000	
Date Complete:	Becker \$6400										
Land/Easements	thelen	\$10,029	\$10,029							\$10,029	
Construction Engineering and Inspection										\$0	
General Contractor		\$300,000		\$300,000						\$300,000	
Misc		\$20,000	\$1,734	\$18,266						\$20,000	
Total		\$350,029	\$23,269	\$326,760	\$0	\$0	\$0	\$0	\$0	\$350,029	
Funding Source:	Capital Improvement Fund	\$	23,269	\$	326,760	\$	-	\$	-	\$	350,029
	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 :	Arrowhead Wastewater Treatment Plant Elimination 6402-	Project Manager:	CR	Date of Update:	7-Jan-14
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	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:	N/A				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-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	\$0	\$125,000	\$1,000,000	\$1,125,000
Funding Source:	Capital Improvement Fund	\$	\$	\$	\$	\$	\$	\$	\$	\$
	Assessment	\$	\$	\$	\$	\$	\$	\$	\$	\$
	Loan	\$	\$	\$	\$	\$	\$	\$	\$	\$
	Grant	\$	\$	\$	\$	\$	\$	\$	\$	\$

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

Problems:
Gravity Elimination 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:	7-Jan-14
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	2014	2015	2016	2017	2018	2019-Beyond	TOTAL
Preliminary Engineering	FTC&H	\$80,000	\$70,205	\$9,795						\$80,000
Date Complete:										
Detail Plans		\$95,600		\$95,600						\$95,600
Date Complete:										
Land/Easements	THELEN	\$6,976	\$6,976							\$6,976
Construction Engineering and Inspection										\$0
General Contractor		\$900,000		\$900,000						\$900,000
Misc										\$0
Total		\$1,082,576	\$77,181	\$105,395	\$900,000	\$0	\$0	\$0	\$0	\$1,082,576
Funding Source:	Capital Improvement Fund		\$ 77,181	\$ 105,395	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 1,082,576
	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 :	Biosolids Dewatering Equipment	6402-60120	Project Manager:	KK	Date of Update:	7-Jan-14
Description:	Procurement and installation of biosolids dewatering equipment (Centrifuge) for installation at the Middle East Fork WWTP				Justification:	Petition BOH Master Plan XL
Township	Batavia				Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:	Bld Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	N/A					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019 Beyond	TOTAL	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans	B&N	\$71,300	\$19,814	\$51,486						\$71,300	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$750,000		\$350,000	\$400,000					\$750,000	
Misc										\$0	
Total		\$821,300	\$19,814	\$401,486	\$400,000	\$0	\$0	\$0	\$0	\$821,300	
Funding Source:	Capital Improvement Fund	\$	19,814	\$	401,486	\$	400,000	\$	-	\$	821,300
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Provides a reliable and permanent dewatering system at the MEF WWTP.

Problems:

Necessity/Justification:
Currently, a shared portable centrifuge is used for biosolids dewatering at the MEF, O'Bannon, and 9-Mile WWTP's. Due to volume of solids produced, it is often very difficult to maintain optimal solids inventory, which can jeopardize compliance with final effluent limits. Benefit/Cost analysis of centrifuge vs. belt press to be conducted. also, consider B/C analysis for reduced labor needed to transport portable centrifuge to/from MEF. Consider permanent installation of existing centrifuge at MEF and purchase of smaller, portable centrifuge for O'Bannon & 9-Mile.

PROJECT SUMMARY

Project :	Collection System Rehabilitation	6402-62002	Project Manager:	JG	Date of Update:	7-Jan-14
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
Township	Countywide				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:	Unknown					
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering			\$0							\$0
Date Complete:										
Detail Plans		\$170,791	\$50,791	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$170,791
Date Complete:										
Land/Easements			\$0							\$0
Construction Engineering and Inspection			\$0							\$0
General Contractor		\$12,903,135	\$103,135	\$1,944,000	\$1,456,000	\$2,350,000	\$2,350,000	\$2,350,000	\$2,350,000	\$12,903,135
Misc		\$918	\$918							\$918
Total		\$13,074,844	\$154,844	\$1,964,000	\$1,476,000	\$2,370,000	\$2,370,000	\$2,370,000	\$2,370,000	\$13,074,844

Funding Source:	Capital Improvement Fund	\$	154,844	\$	1,964,000	\$	1,476,000	\$	2,370,000	\$	2,370,000	\$	2,370,000	\$	2,370,000	\$	12,920,000
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

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

2013 design by H&S \$50,800
 2013 Collection System Rehabilitation included Forsythia Drive, Locust Lake / Jenny Lind Area, Summerside Area, SR 131 west of Wolfpen Pleasant Hill, & the Airport Sewer

PROJECT SUMMARY

Project :	Commercial Revenue Enhancement	6402-	Project Manager:		Date of Update:	7-Jan-14	
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:		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	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering			\$0							\$0
Date Complete:										
Detail Plans			\$0							\$0
Date Complete:										
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

	Capital Improvement Fund	\$	-	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	100,000	\$	600,000
Funding Source:	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:	7-Jan-14	
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	
Township	Countywide	Resolutions:				Capacity Need Consent Order Other	
Annual Effect on Operations:		RAGP RADP RON RDTP				Coordinates:	
Easements Procured:	N/A					Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans		\$480,000							\$480,000	\$480,000	
Date Complete:											
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:	7-Jan-14
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	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	2014	2015	2016	2017	2018	2019-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	\$0	\$25,000	\$0	\$25,000	\$0	\$25,000	\$100,000
Funding Source:	Capital Improvement Fund	\$	\$ 25,000	\$	\$ 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:	7-Jan-14
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:	None		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	2014	2015	2016	2017	2018	2019-Beyond	Total					
Preliminary Engineering										\$0					
Date Complete:															
Detail Plans	EMH&T	\$112,750	\$12,750				\$100,000			\$112,750					
Date Complete:	\$12,750.00														
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.

SS&ES 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 :	Happy Hollow LS Upgrade	6402-60109	Project Manager:	KK	Date of Update: 7-Jan-14
Description:	Upgrade of the Happy Hollow Lift Station to provide additional capacity				Justification: Petition Capacity
Township	Miami	Resolutions: RAGP RADP RON RDTP			<div style="display: flex; justify-content: space-around;"> BOH Master Plan XL LEF P1-12 Need Consent Order Other </div>
Annual Effect on Operations:	O&M/year				Coordinates:
Easements Procured:	N/A	Construction:	Bid Opening:	Contract Award:	Contract Execution:
Special Conditions:		Notice to Proceed:			

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019 Beyond	TOTAL
Preliminary Engineering			\$0							\$0
Date Complete:										
Detail Plans	Jacobs	\$128,790	\$87,595	\$41,195						\$128,790
Date Complete:										
Land/Easements			\$0							\$0
Construction Engineering and Inspection			\$0							\$0
General Contractor		\$790,000	\$0	\$150,000	\$640,000					\$790,000
Misc		\$4,000	\$0	\$4,000						\$4,000
Total		\$922,790	\$87,595	\$195,195	\$640,000	\$0	\$0	\$0	\$0	\$922,790
Funding Source:	Capital Improvement Fund		\$ 87,595	\$ 195,195	\$ 640,000	\$ -	\$ -	\$ -	\$ -	\$ 922,790
	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.

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

PROJECT SUMMARY

Project :	Heatherstone Force Main Replacement	6402-60107	Project Manager	JG	Date of Update:	7-Jan-14	
Description:	Replacement of approximately 3,035 feet of force main from the Heatherstone Lift Station to the intersection of Clough Pike and Taylor Road.				Justification:	Petition	Capacity
Township	Batavia					BOH	Need
						Master Plan	Consent Order
						XL	Other
Annual Effect on Operations:	O&M/year	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening:	
Easements Procured:	N/A					Contract Award:	
Special Conditions:						Contract Execution:	
						Notice to Proceed:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL	
Preliminary Engineering										\$0	
Date Complete:											
Detail Plans	Santoro	\$22,800	\$22,800							\$22,800	
Date Complete:											
Land/Easements										\$0	
Construction Engineering and Inspection										\$0	
General Contractor		\$162,743	\$149,277	\$13,467						\$162,743	
Misc		\$6,000	\$2,865	\$3,135						\$6,000	
Total		\$191,543	\$174,942	\$16,601	\$0	\$0	\$0	\$0	\$0	\$191,543	
Funding Source:	Capital Improvement Fund	\$	174,942	\$	16,601	\$	-	\$	-	\$	191,543
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant	\$	-	\$	-	\$	-	\$	-	\$	-

Positive Aspects of Project:
Replaces a force main that has been prone to numerous breaks

PROJECT SUMMARY

Project :	Indianview Lift Station	651-0857	Project Manager:		Date of Update:	7-Jan-14	
Description:	Replacement/relocation of existing lift station and force main.				Justification:	Petition	Capacity
Township	Miami Township						
Annual Effect on Operations:						BOH	<u>Need</u>
Easements Procured:						Master Plan	Consent Order
Special Conditions:						XL	Other
	Resolutions: RAGP RADP RON RDTP				Construction:	Bid Opening:	
						Contract Award:	
						Contract Execution:	
						Notice to Proceed:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL	
Preliminary Engineering			\$0							\$0	
Date Complete:											
Detail Plans		\$64,240	\$39,240		\$25,000					\$64,240	
Date Complete:											
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	\$35,000	\$350,000	\$0	\$0	\$0	\$424,240	
Funding Source:	Capital Improvement Fund	\$	39,240	\$	-	\$	35,000	\$	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 :	Kitty Ln to Eva Ln Sewer Replacement	6402-60100	Project Manager:	KK	Date of Update:	7-Jan-14
Description:	Replace 1,342 LF of existing 8" sewer along creek from Eva Ln to Kitty Ln with 12" sewer.				Justification:	Petition BOH Master Plan LEF -P1-05 XL
Township	Union				Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	\$0	Resolutions: RAGP RADP RON RDTP			Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:	Yes					
Special Conditions:	OPWC Funding					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total	
Preliminary Engineering		\$2,595	\$2,595							\$2,595	
Date Complete:											
Detail Plans	In House	\$4,435	\$4,435							\$4,435	
Date Complete:											
Land/Easements		\$11,478	\$11,478							\$11,478	
Construction Engineering and Inspection			\$0							\$0	
General Contractor		\$166,030	\$160,710	\$5,320						\$166,030	
Misc		\$1,906	\$1,906							\$1,906	
Total		\$186,444	\$181,124	\$5,320	\$0	\$0	\$0	\$0	\$0	\$186,444	
Funding Source:	Capital Improvement Fund	\$	111,803	\$	(10,664)	\$	-	\$	-	\$	(10,664)
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan	\$	-	\$	-	\$	-	\$	-	\$	-
	Grant (OPWC)	\$	76,925	\$	69,321	\$	15,984	\$	-	\$	15,984

Positive Aspects of Project:
 Increases sewer capacity / reduces risk of overflow / basement back-ups

\$76,925 OPWC Grant

PROJECT SUMMARY

Project :	Lewis Road Trunk Sewer	6402-	Project Manager:	Date of Update:	7-Jan 14
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
Township:	Miami				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:					
Special Conditions:					

Expenditure Plan

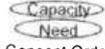
Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$75,000				\$75,000				\$75,000
Date Complete:										
Land/Easements		\$15,000				\$15,000				\$15,000
Construction Engineering and Inspection										\$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:	7-Jan-14		
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	 Consent Order Other
Township	Miami					Coordinates:		
Annual Effect on Operations:	Resolutions: RAGP RADP RON RDTP					Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:	
Easements Procured:								
Special Conditions:								

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$650,000							\$650,000	\$650,000
Date Complete:										
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 :	Mc Picken Drive Sewer Petition	6402-60108	Project Manager:	JG	Date of Update:	7-Jan-14
Description:	Approximately 670' of 8" sanitary sewer to serve five (5) petitioning property owners located at the end of Mc Picken Drive.				Justification:	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input checked="" type="radio"/> Petition <input type="radio"/> BOH <input type="radio"/> Master Plan <input type="radio"/> XL </div> <div style="text-align: center;"> <input type="radio"/> Capacity <input checked="" type="radio"/> Need <input type="radio"/> Consent Order <input type="radio"/> Other </div> </div>
Township	Miami				Coordinates:	
Annual Effect on Operations:	\$	100 O&M/year	Resolutions: RAGP RADP RON RDTP		Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Easements Procured:		N/A				
Special Conditions:	Petition/Assessment					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL
Preliminary Engineering										\$0
Detail Plans	In House Thelen - H&M	\$10,510	\$10,510							\$10,510
Land/Easements		\$3,550	\$3,550							\$3,550
Construction Engineering and Inspection										\$0
General Contractor		\$105,700	\$18,147	\$87,553						\$105,700
Misc	Restoration	\$6,384	\$1,984	\$4,400						\$6,384
Total		\$126,144	\$34,191	\$91,953	\$0	\$0	\$0	\$0	\$0	\$126,144
	Capital Improvement Fund	\$	\$ 34,191	\$ 91,953	\$ (108,218)	\$ -	\$ -	\$ -	\$ -	\$ 17,926
	Assessment	\$	-	\$ 108,218	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 108,218
	Loan	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Addresses a petition from residents. Eliminates aged HSTS's.

PROJECT SUMMARY

Project :	Miamiville Proper Sewer Assessment	6402-	Project Manager:	CR	Date of Update:	7-Jan-14
Description:	Miamiville and vicinity (Bette Anne & Riverview) Wastewater Collection System				Justification:	Petition BOH Master Plan XL
Township	Miami Township				Coordinates:	13 LVHR - 7 Capacity Need Consent Order Other
Annual Effect on Operations:	\$	2,000	O&M/year	Resolutions:	RAGP RADP RON RDTP	
Easements Procured:	Unknown				Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Special Conditions:						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering			\$0							\$0
Date Complete:										
Detail Plans		\$125,000	\$0						\$125,000	\$125,000
Date Complete:										
Land/Easements		\$45,000	\$0						\$45,000	\$45,000
Construction Engineering and Inspection		\$0	\$0						\$0	\$0
General Contractor		\$1,575,000	\$0						\$1,575,000	\$1,575,000
Misc		\$100,000	\$0						\$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 :	Miami Sewer Extension	6402-60122	Project Manager:		Date of Update: 7-Jun-14
Description:	Construction of approximately 2,000' of new sanitary sewer along Loveland-Miami Road and SR 126 to benefit existing properties and proposed commercial development.				Justification: Position BOH Master Plan XL Capacity Need 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:	No				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	Curr Yr Actl	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering											\$0
Date Complete:											
Detail Plans		\$40,000			\$40,000						\$40,000
Date Complete:											
Land/Easements		\$30,000			\$30,000						\$30,000
Construction Engineering and Inspection											\$0
General Contractor		\$500,000				\$500,000					\$500,000
Misc											\$0
Total		\$570,000	\$0	\$0	\$70,000	\$500,000	\$0	\$0	\$0	\$0	\$570,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ 70,000	\$ 465,000	\$ (385,000)	\$ -	\$ -	\$ -	\$ 150,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant Duke/TIF	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 385,000	\$ -	\$ -	\$ -	\$ 420,000

Positive Aspects of Project:

\$150,000 est oversize portion of the contract
 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.
Problems: Easements

PROJECT SUMMARY

Project :	Middle East Fork WWTP Grit & Screening Building Roof Replacement	6402-	Project Manager:	KK	Date of Update:	7-Jan-14		
Description:	Replacement of the roofing at the Middle East Fork WWTP Grit and Screening Buildings.					Justification:	Petition BOH Master Plan XL	Capacity Need Consent Order Other
Township	Batavia					Coordinates:		
Annual Effect on Operations:	O&M/year		Resolutions:		RAGP RADP RON RDTP			
Easements Procured:						Construction:		Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Special Conditions:								

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL
Preliminary Engineering Date Complete:										\$0
Detail Plans Date Complete:		\$15,000		\$15,000						\$15,000
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$150,000		\$150,000						\$150,000
Misc										\$0
Total		\$165,000	\$0	\$165,000	\$0	\$0	\$0	\$0	\$0	\$165,000
Funding Source:	Capital Improvement Fund	\$	\$	\$ 165,000	\$	\$	\$	\$	\$	\$ 165,000
	Assessment	\$	\$	-	\$	\$	\$	\$	\$	\$
	Loan	\$	\$	-	\$	\$	\$	\$	\$	\$
	Grant	\$	\$	-	\$	\$	\$	\$	\$	\$

Positive Aspects of Project:

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:	7-Jan-14
Description:	Installation of approximately 4,440 feet of 8" sewer main along Mound & Spring Streets				Justification:	<input checked="" type="radio"/> Petition <input type="radio"/> BOH <input type="radio"/> Master Plan <input type="radio"/> XL
Township:	Tate				Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	O&M/year	Resolutions:			Construction:	Bid Opening:
Easements Procured:	No	RAGP RADP RON RDTP			Contract Award:	Contract Execution:
Special Conditions:					Notice to Proceed:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL			
Preliminary Engineering	Woolpert	\$6,500	\$6,500							\$6,500			
Date Complete:													
Detail Plans	Woolpert	\$58,190	\$58,190							\$58,190			
Date Complete:													
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 :	Nature Run Lift Station Generator	6402-	Project Manager:	Date of Update:	7-Jan-14
Description:	Provide backup generator for use during power outages.			Justification:	Petition BOH Master Plan XL Capacity Need Consent Order Other
Township	Union			Coordinates:	
Annual Effect on Operations:	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	2014	2015	2016	2017	2018	2019-Beyond	TOTAL
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$25,000		\$25,000						\$25,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection		\$100,000			\$100,000					\$100,000
General Contractor										\$0
Misc										\$0
Total		\$125,000	\$0	\$25,000	\$100,000	\$0	\$0	\$0	\$0	\$125,000
Funding Source:	Capital Improvement Fund	\$	\$	\$ 25,000	\$ 100,000	\$	\$	\$	\$	\$ 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.

PROJECT SUMMARY

Project :	Newtonsville Collection System Assessment	6402-60116	Project Manager:	CR	Date of Update:	7-Jan-14	
Description:	Collection system for the Village of Newtonsville and Surrounding/Adjacent Area				Justification:	Petition BOH Master Plan	Capacity Need ST - 3 SLC-P1-T1 Consent Order Other
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	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering	Santoro	\$47,190	\$47,190							\$47,190
Detail Plans	CH2M Hill (\$162,000)	\$250,000	\$0	\$250,000						\$250,000
Land/Easements		\$200,000	\$0		\$200,000					\$200,000
Construction Engineering and Inspection		\$0	\$0							\$0
General Contractor		\$1,550,000	\$0			\$775,000	\$775,000			\$1,550,000
Misc		\$1,430	\$1,430							\$1,430
Total		\$2,048,620	\$48,620	\$250,000	\$200,000	\$775,000	\$775,000	\$0	\$0	\$2,048,620
Funding Source:	Capital Improvement Fund	\$ 48,620	\$ 250,000	\$ 200,000	\$ 775,000	\$ (975,000)	\$ -	\$ -	\$ -	\$ 298,620
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ -	\$ -	\$ -	\$ 1,750,000
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

Problems: Easements, Manpower, Materials, Weather, etc

PROJECT SUMMARY

Project :	Nine Mile Collection Improvements	6402-	Project Manager:		Date of Update: 7-Jan-14
Description:	Nine Mile collection system evaluation and I&I correction improvements				Justification: Petition <u>Capacity</u> BOH Need <u>Master Plan</u> NML P1-01 Consent Order XL Other
Township	Pierce Township				Coordinates:
Annual Effect on Operations:	N/A	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	2014	2015	2016	2017	2018	2017 Beyond	Total
Preliminary Engineering Date Complete:		\$35,000				\$35,000				\$35,000
Detail Plans Date Complete:		\$100,000				\$100,000				\$100,000
Land/Easements		\$50,000					\$50,000			\$50,000
Construction Engineering and Inspection										\$0
General Contractor		\$1,000,000						\$1,000,000		\$1,000,000
Misc										\$0
Total		\$1,185,000	\$0	\$0	\$0	\$135,000	\$50,000	\$1,000,000	\$0	\$1,185,000
Funding Source:	Capital Improvement Fund	\$	\$	\$	\$	\$ 135,000	\$ 50,000	\$ 1,000,000	\$	\$ 1,185,000
	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

PROJECT SUMMARY

Project :	Nine Mile WWTP Blower Upgrade	6402-60114	Project Manager	Date of Update:	7-Jan-16	
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	Need
					Master Plan	Consent Order
Township	Pierce	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	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering			\$0							\$0
Date Complete:			\$0							\$0
Detail Plans			\$0							\$0
Date Complete:			\$0							\$0
Land/Easements			\$0							\$0
Construction Engineering and Inspection		\$556,250	\$0	\$556,250						\$556,250
General Contractor			\$0							\$0
Misc			\$0							\$0
Total		\$556,250	\$0	\$556,250	\$0	\$0	\$0	\$0	\$0	\$556,250
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ 536,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 536,250
	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 WWTP Bio-Solids Dewatering	6402-	Project Manager	Date of Update:	7-Jan-14
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		
Easements Procured:	na	Construction:	Bid Opening: Contract Award: Contract Execution: Notice to Proceed:		
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering			\$0							\$0
Date Complete:										
Detail Plans		\$80,000	\$0						\$80,000	\$80,000
Date Complete:										
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	\$0	\$1,180,000	\$1,180,000
Funding Source:	Capital Improvement Fund	\$	\$	\$	\$	\$	\$	\$	\$	\$
	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:	7-Jun-14
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	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans	In House	\$8,000							\$8,000	\$8,000
Date Complete:										
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	\$	\$	\$	\$	\$	\$	\$	\$	\$
	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 :	O'Bannon WWTP Exterior Building Renovations	6402-	Project Manager:		Date of Update:	7-Jan-14		
Description:	Renovations to the main building exterior masonry. Includes an exterior coating.					Justification:	Petition BOH Master Plan XL	Capacity <u>Need</u> 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	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans										\$0
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection		\$56,000		\$56,000						\$56,000
General Contractor										\$0
Misc										\$0
Total		\$56,000	\$0	\$56,000	\$0	\$0	\$0	\$0	\$0	\$56,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 The renovations will extend the life of the building and prevent water migration through the exterior walls.

PROJECT SUMMARY

Project :	Olive Branch-Stonelick Sewer Extension	6402-	Project Manager:	CR	Date of Update:	7-Jan-14	
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	
Township	Balavia & Union Township					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:							
Special Conditions:	In conjunction with TID Project						

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering	HNTB	\$20,000	\$20,000							\$20,000
Detail Plans		\$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	\$	-	\$	-	\$	-	\$
	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 :	Sewer Scada System	6402-60080	Project Manager:	BC	Date of Update:	7-Jan-14
Description:	Supervisory control and data acquisition of lift stations and entire sewer system. Includes the installation of flow monitors and rain gauges throughout the collection system.				Justification:	Petition BOH Master Plan XL
Township	Countywide				Coordinates:	Capacity Need Consent Order Other
Annual Effect on Operations:	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	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering	Westin	\$23,500	\$23,500							\$23,500
Detail Plans		\$150,000	\$150,000							\$150,000
Land/Easements			\$0							\$0
Construction Engineering and Inspection			\$0							\$0
General Contractor	ESI	\$1,280,000	\$1,280,000							\$1,280,000
	RM, Corbin, Bat. El.	\$374,090	\$357,930	\$16,160						\$374,090
Misc		\$65,450	\$65,450							\$65,450
Total		\$1,893,040	\$1,876,880	\$16,160	\$0	\$0	\$0	\$0	\$0	\$1,893,040
Funding Source:	Capital Improvement Fund	\$	\$ 1,876,880	\$ 16,160	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,893,040
	Assessment	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Loan	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant	\$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:
 Allows quicker response time to problems, remote monitoring of stations status.
 Save time and mileage due to the reduced need to physically check lift stations.
 Allows economical utilization of manpower and equipment in the checking of lift stations. Potentially due to timely notification prevent major disasters from occurring.

Problems: Radio / Communication issues

PROJECT SUMMARY

Project :	Shayler Run Segment A Sewer Replacement	6402-60111	Project Manager:	KK	Date of Update:	7-Jan-14
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
Township	Union				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:	yes					
Special Conditions:	Will be built following completion of the Shayler Tunnel					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL	
Preliminary Engineering			\$0							\$0	
Detail Plans	Brandstetter Carroll	\$33,330	\$33,330							\$33,330	
Land/Easements		\$11,200	\$11,200							\$11,200	
Construction Engineering and Inspection			\$0							\$0	
General Contractor		\$545,000	\$0	\$545,000						\$545,000	
Misc		\$5,000		\$5,000						\$5,000	
Total		\$594,530	\$44,530	\$550,000	\$0	\$0	\$0	\$0	\$0	\$594,530	
Funding Source:	Capital Improvement Fund	\$	44,530	\$	550,000	\$	(531,386)	\$	-	\$	63,144
	Assessment	\$	-	\$	-	\$	-	\$	-	\$	-
	Loan (OPWC)	\$	271,007	\$	-	\$	271,007	\$	-	\$	271,007
	Grant (OPWC)	\$	260,379	\$	-	\$	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 - Seg E	651-0125	Project Manager:	CR	Date of Update:	7-Jan-14
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
Township	Batavia & Union Township					BOH Master Plan LEF P2-19 Need XL Consent Order Other
Annual Effect on Operations:	\$ 2,500 O&M/year	Resolutions:		RAGP	Construction:	
Easements Procured:	No Unknown			RADP	Bid Opening:	
Special Conditions:				RON	Contract Award:	
				RDTP	Contract Execution:	
					Notice to Proceed:	

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering	FPS									\$0
Date Complete:										
Detail Plans	SWS	\$156,600	\$156,600							\$156,600
Date Complete:										
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	\$0	\$100,000	\$998,140	\$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 :	SR 132 Sewer Improvements	6402-	Project Manager:	Date of Update:	7-Jan-14
Description:	Sewer upgrades along SR 132 between SR 125 and Stable Trails			Justification:	Petition Capacity BOH Master Plan MEF P2-24 XL Need 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:	N/A				
Special Conditions:					

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL
Preliminary Engineering		\$25,000	\$0						\$25,000	\$25,000
Date Complete:										
Detail Plans		\$100,000	\$0						\$100,000	\$100,000
Date Complete:										
Land/Easements			\$0							\$0
Construction Engineering and Inspection			\$0							\$0
General Contractor		\$600,000	\$0						\$600,000	\$600,000
Misc			\$0							\$0
Total		\$725,000	\$0	\$0	\$0	\$0	\$0	\$0	\$725,000	\$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:	7-Jan-14	
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:	<input checked="" type="radio"/> Petition <input type="radio"/> BOH <input type="radio"/> Master Plan <input type="radio"/> XL
Township:	Goshen							Coordinates:
Annual Effect on Operations:	\$ 100 O&M/year	Resolutions:	RAGP RADP RON RDTP					Construction:
Easements Procured:	No							Bid Opening: Contract Award: Contract Execution: Notice to Proceed:
Special Conditions:								

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering	Soil Borings, Thelen Assoc.	\$12,377	\$12,377							\$12,377
Detail Plans	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	Legal, Admin, Interest, Bond Disc	\$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	\$ -	\$ -	\$ -	\$ -	\$ -
	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.

RAGP - Resolution adopting General Plan RADP - Resolution adopting Detailed Plan RON - Resolution of Necessity RDTP - Resolution Determining to Proceed

PROJECT SUMMARY

Project:	Tanglewood Lift Station Elimination	6402-60118	Project Manager:	JG	Date of Update:	7-Jan-14	
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	Capacity
						BOH Master Plan XL	Need Consent Order <u>Other</u>
Township:	Miami				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:	Yes						
Special Conditions:							

Expenditure Plan

Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL	
Preliminary Engineering			\$0							\$0	
Date Complete:											
Detail Plans	In House									\$0	
Date Complete:											
Land/Easements	Easements	\$6,000	\$6,000							\$6,000	
	Berding	\$2,500	\$2,500							\$2,500	
Construction Engineering and Inspection										\$0	
General Contractor		\$76,000		\$76,000						\$76,000	
Misc		\$10,400	\$642	\$9,758						\$10,400	
Total		\$94,900	\$9,142	\$85,758	\$0	\$0	\$0	\$0	\$0	\$94,900	
Funding Source:	Capital Improvement Fund	\$	9,142	\$	85,758	\$	-	\$	-	\$	94,900
	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 :	Utilities Relocations	6402-60001	Project Manager:		Date of Update:	7-Jan-14	
Description:	ODOT, Road and Project Relocations				Justification:	Petition BOH Master Plan XL	Capacity <u>Need</u> 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	2014	2015	2016	2017	2018	2019-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	Clough Pike (TID) \$11,000	\$600,000	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Misc			\$0							\$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:	7-Jan-14	
Description:	Installation of approximately 1,950 feet of 8" sewer main and appurtenances along Wards Corner Road to benefit 27 parcels.				Justification:	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Petition</div> BOH Master Plan XL	Capacity Need Consent Order Other
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	2014	2015	2016	2017	2018	2019-Beyond	Total
Preliminary Engineering										\$0
Date Complete:										
Detail Plans		\$30,000			\$30,000					\$30,000
Date Complete:										
Land/Easements										\$0
Construction Engineering and Inspection										\$0
General Contractor		\$245,000				\$245,000				\$245,000
Misc		\$20,000				\$20,000				\$20,000
Total		\$295,000	\$0	\$0	\$30,000	\$265,000	\$0	\$0	\$0	\$295,000
Funding Source:	Capital Improvement Fund	\$ -	\$ -	\$ -	\$ 30,000	\$ 265,000	\$ (265,000)	\$ -	\$ -	\$ 30,000
	Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 265,000	\$ -	\$ -	\$ 265,000
	Loan-OPWC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grant-OPWC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Positive Aspects of Project:

Eliminates HSTS's and addresses a petition

Consider combining design / construction with water main replacement project in the same limits of project.

PROJECT SUMMARY

Project :	Wastewater Stream Revetment	6402-60049	Project Manager:		Date of Update:	7-Jan-14		
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	Resolutions: RAGP RADP RON RDTP			Construction:	Big Opening: Contract Award: Contract Execution: Notice to Proceed:		
Easements Procured:	No							
Special Conditions:								

Expenditure Plan

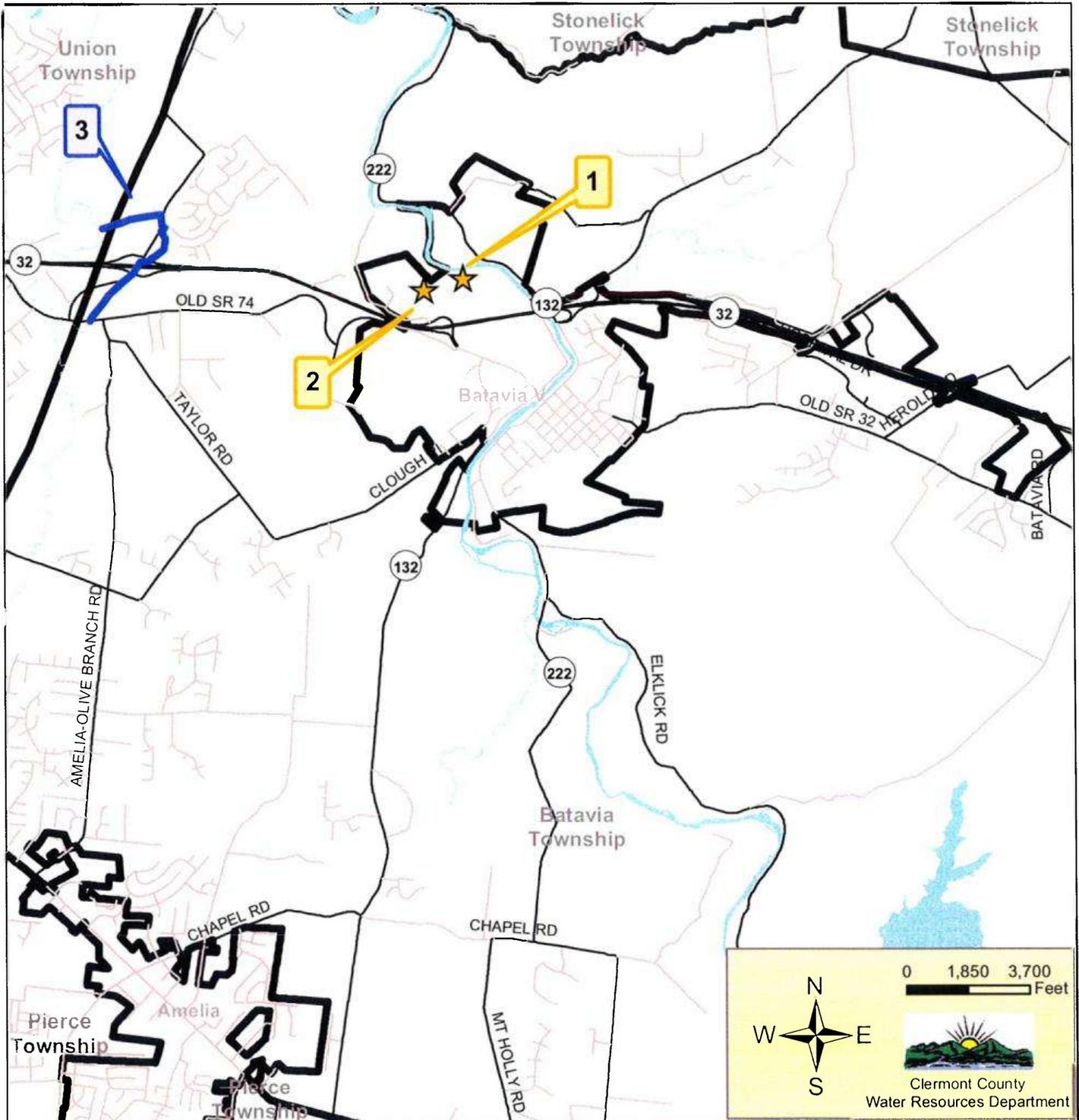
Task	Vendor	Planned	Prior Yr CTD	2014	2015	2016	2017	2018	2019-Beyond	TOTAL
Preliminary Engineering <i>Date Complete:</i>			\$0							\$0
Detail Plans <i>Date Complete:</i>	Stantec	\$36,032	\$36,032							\$36,032
Land/Easements		\$0	\$0							\$0
Construction Engineering and Inspection		\$0	\$0							\$0
General Contractor		\$739,432	\$239,432	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$739,432
Misc		\$0	\$0							\$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	\$ -	\$ 775,464
	Assessment	\$	-	-	-	-	-	-	-	\$ -
	Loan	\$	-	-	-	-	-	-	-	\$ -
	Grant	\$	-	-	-	-	-	-	-	\$ -

Positive Aspects of Project:
Protection of infrastructure from stormwater

Problems: Easements, Manpower, Materials, Weather, etc

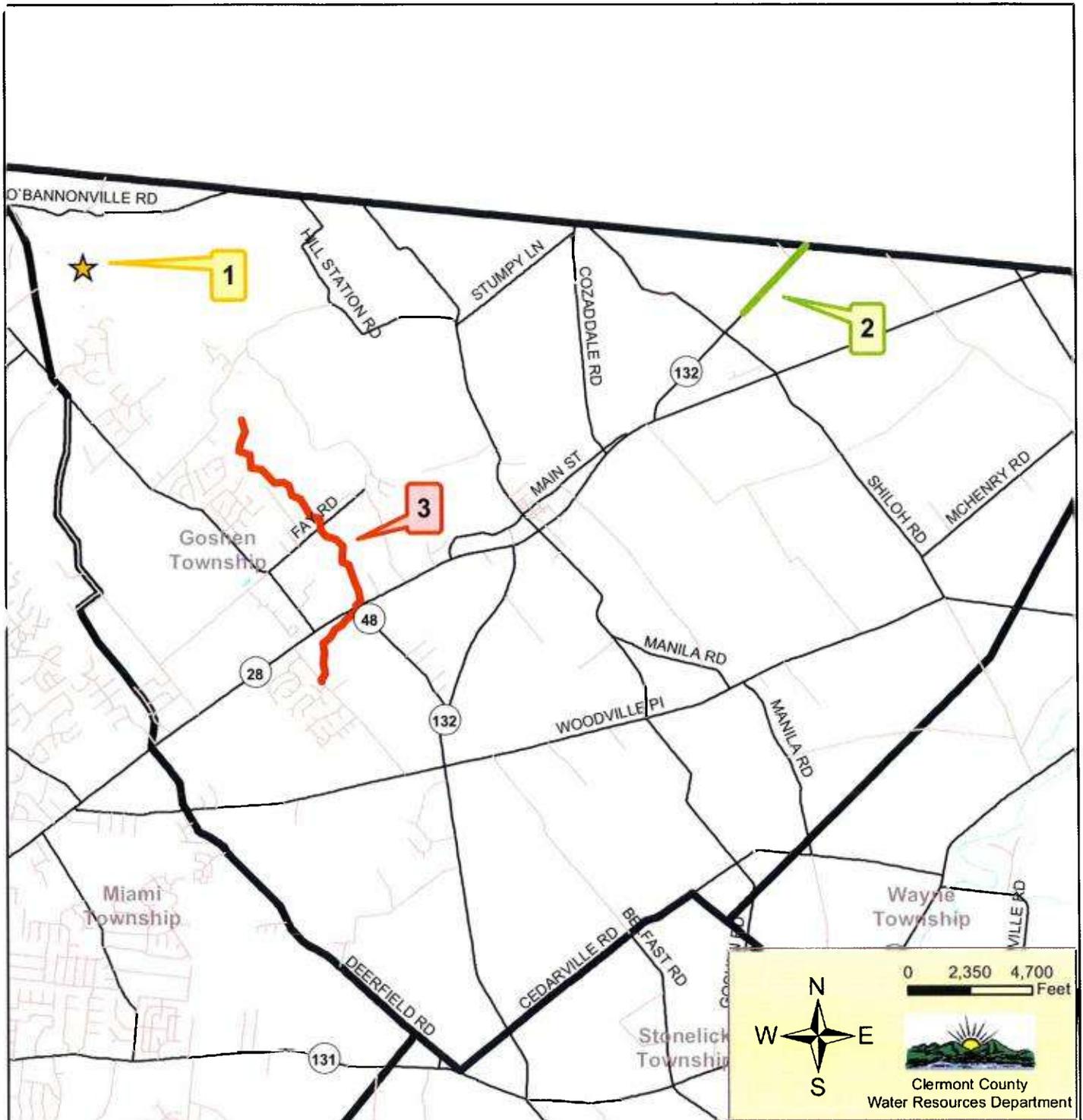
MH 5291-5301, pipe segment #1941. 2013 To protect WW infrastructure and stream.

5-Year Capital Improvement Plan Wastewater System - Batavia Township



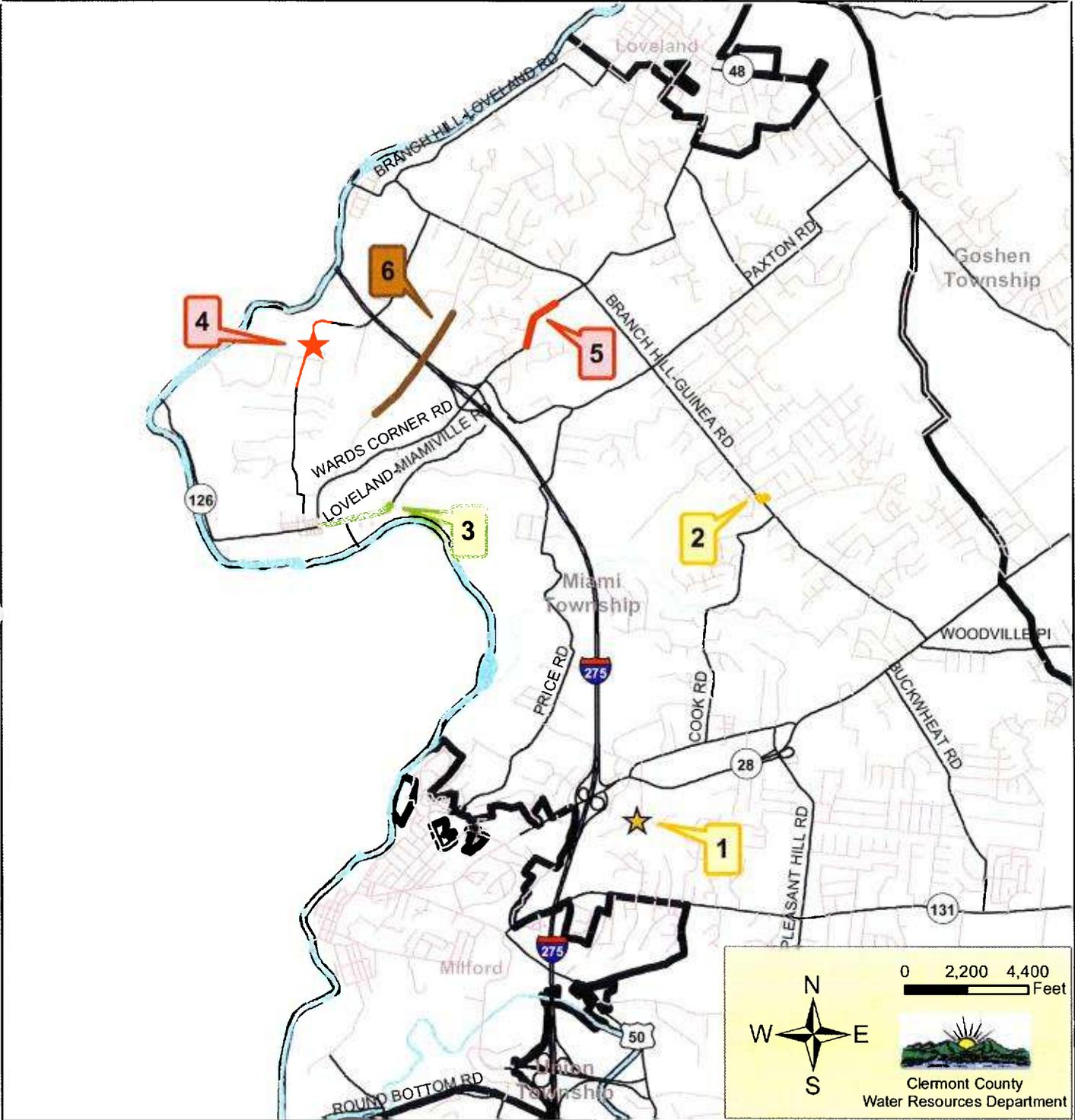
PROJECT ID	NAME	TOWNSHIP	YEAR	EST_COST
1	Biosolids Dewatering Equipment	Batavia	2014	\$821,300
2	Middle East Fork WWTP Roof Replacement	Batavia	2014	\$165,000
3	Shayler Run - Seg E	Batavia	2018	\$1,262,100

5-Year Capital Improvement Plan Wastewater System - Goshen Township



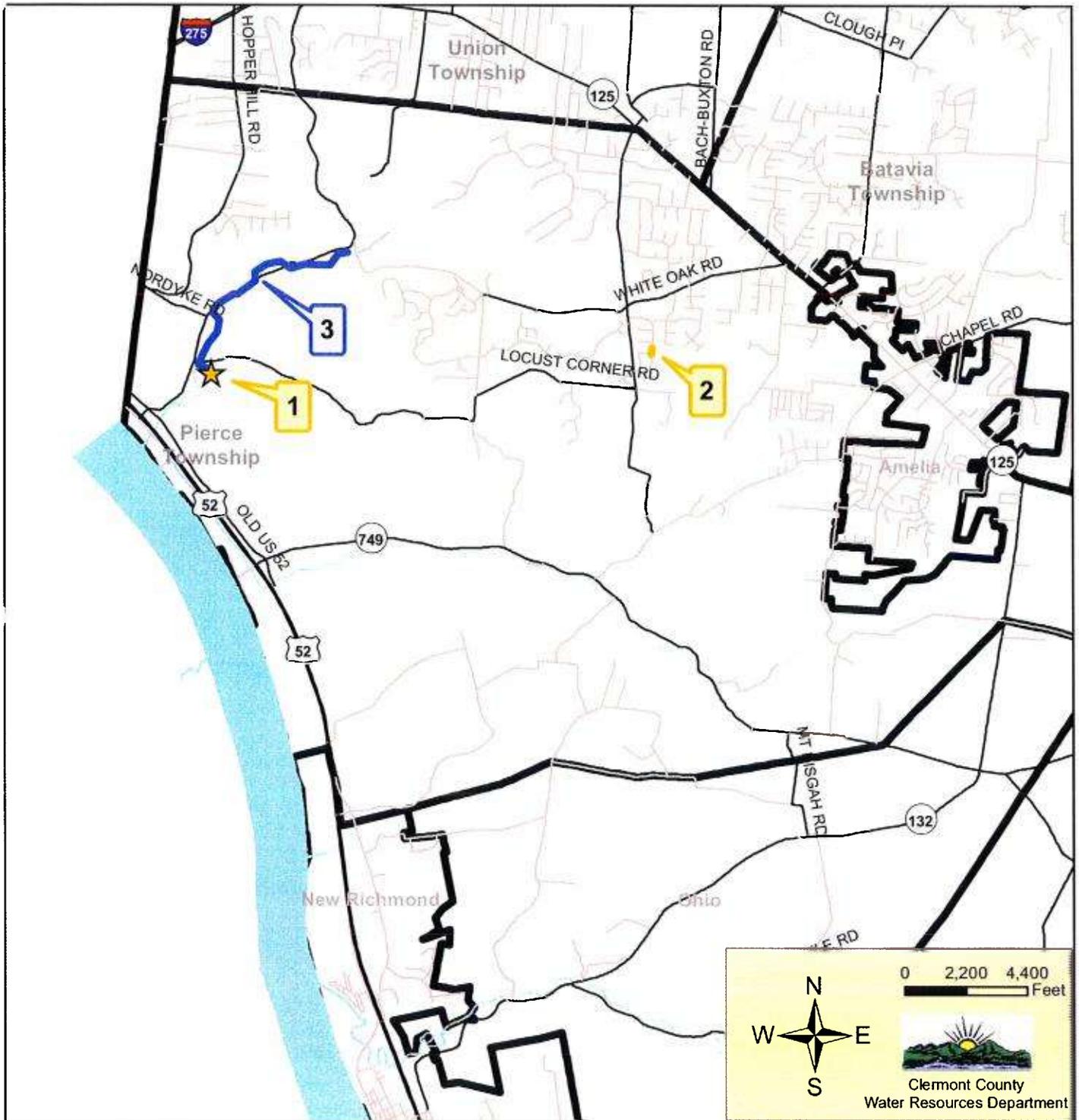
PROJECT ID	NAME	TOWNSHIP	YEAR	EST_COST
1	O'Bannon WWTP Exterior Building Renovations	Goshen	2014	\$56,000
2	SR 132 Sewer Petition	Goshen	2015	\$297,302
3	O'Bannon Trunk Sewer Improvements	Goshen	2016	\$3,400,060

5-Year Capital Improvement Plan Wastewater System - Miami Township



PROJECT ID	NAME	TOWNSHIP	YEAR	EST_COST
1	Happy Hollow LS Upgrade	Miami	2014	\$922,790
2	Tanglewood Lift Station Elimination Project	Miami	2014	\$94,900
3	Miamiville Sewer Extension	Miami	2015	\$570,000
4	Indianview Lift Station	Miami	2016	\$424,240
5	Wards Corner Road Sewer Petition	Miami	2016	\$295,000
6	Lewis Road Trunk Sewer	Miami	2017	\$1,040,000

5-Year Capital Improvement Plan Wastewater System - Pierce Township

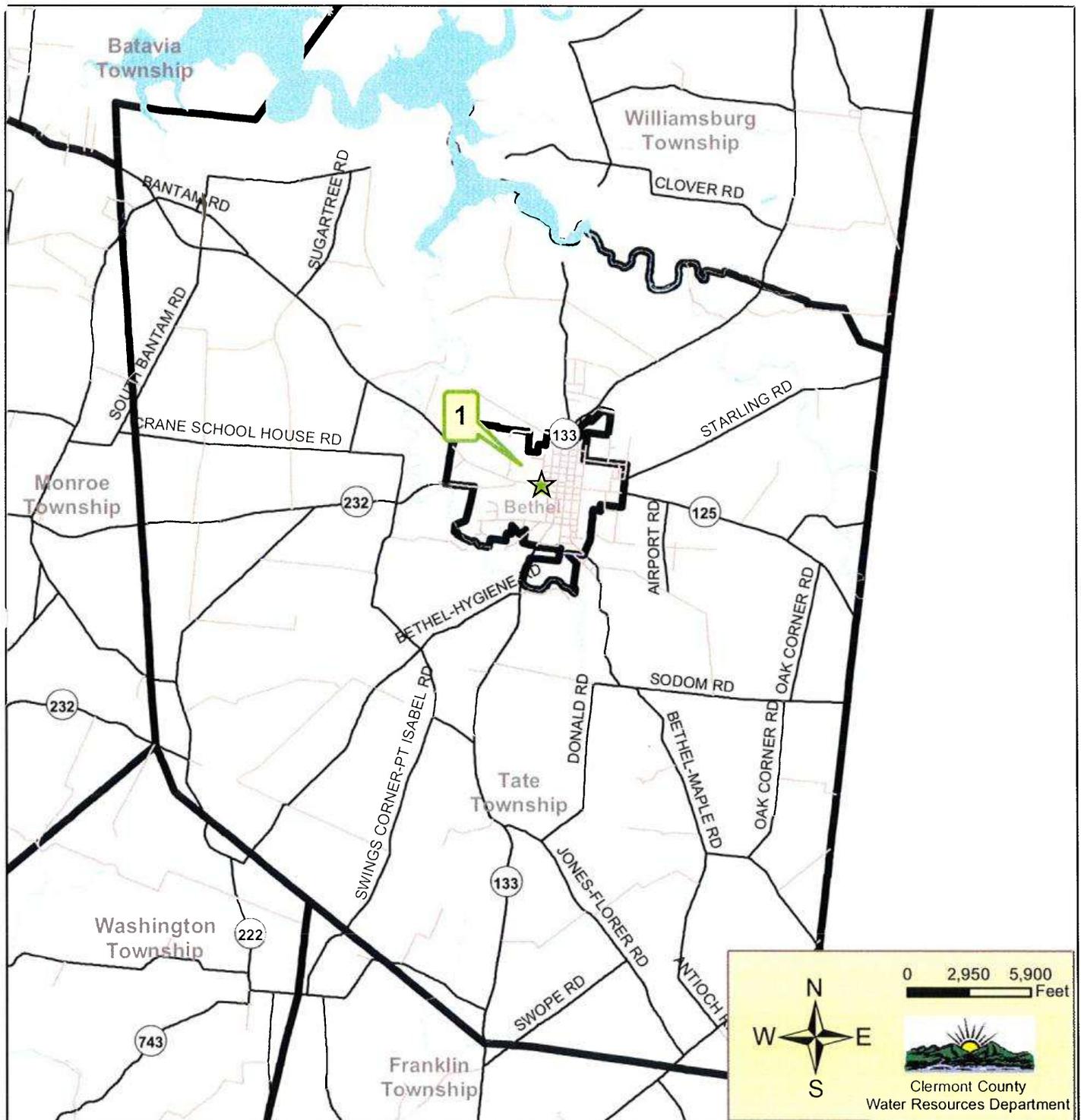


PROJECT ID	NAME
1	Nine Mile WWTP Blower Upgrade
2	Turnberry LS Elimination
3	Nine Mile Collection Improvements

TOWNSHIP	YEAR	EST_COST
Pierce	2014	\$269,000
Pierce	2014	\$74,000
Pierce	2018	\$1,185,000

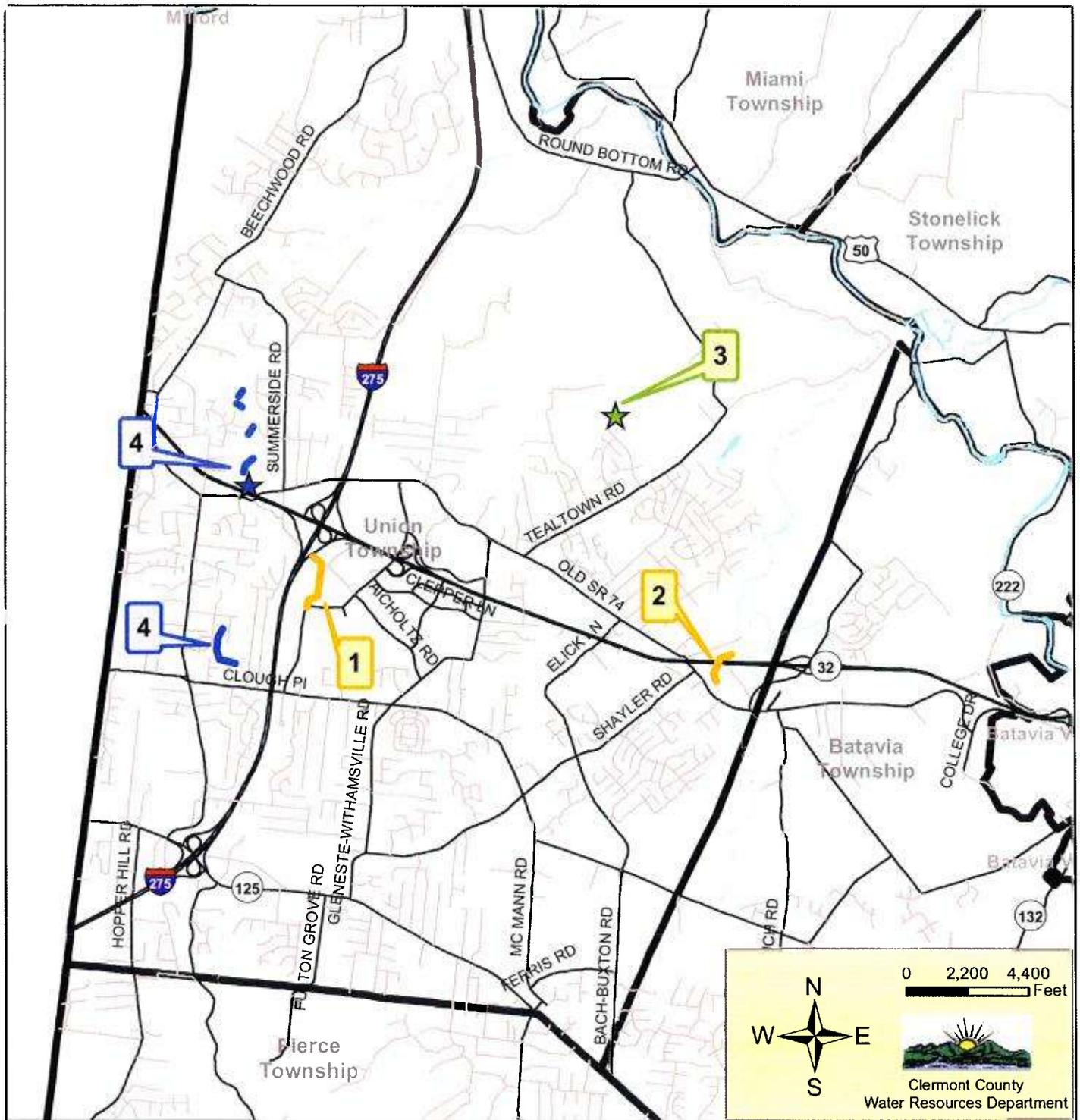
Clermont County
Water Resources Department

5-Year Capital Improvement Plan Wastewater System - Tate Township



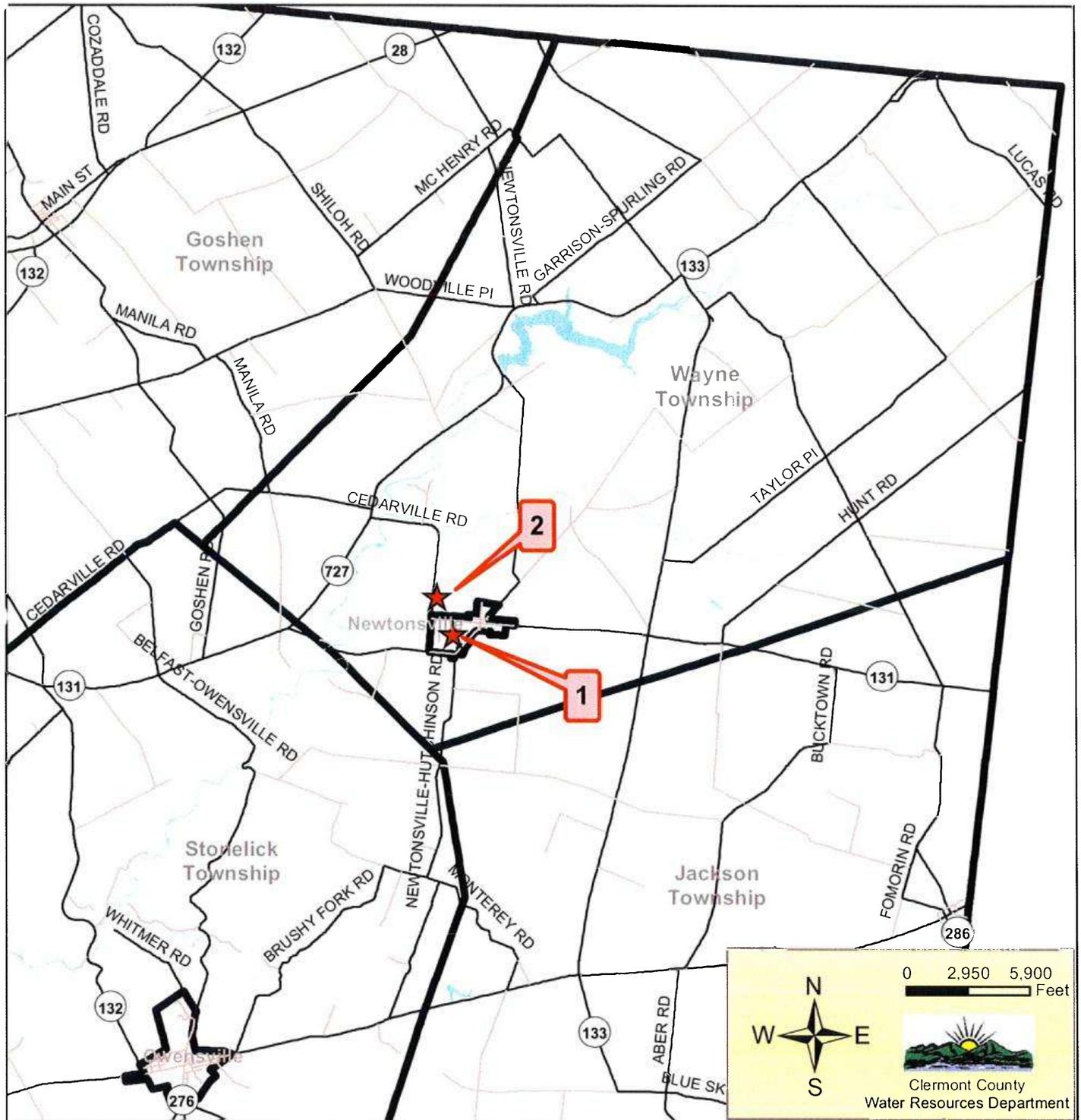
PROJECT ID	NAME	TOWNSHIP	YEAR	EST_COST
1	Bethel Area Sewer Replacement	Tate	2015	\$1,082,576

5-Year Capital Improvement Plan Wastewater System - Union Township



PROJECT ID	NAME	TOWNSHIP	YEAR	EST_COST
1	Aicholtz Road Phase II (Ivy Pt) Sewer Improvements	Union	2014	\$350,000
2	Shayler Run Segment A Sewer Replacement	Union	2014	\$594,530
3	Nature Run Lift Station Generator	Union	2015	\$125,000
4	Hall Run Sewer Replacement & EQ Expansion	Union	2018	\$3,300,939

5-Year Capital Improvement Plan Wastewater System - Wayne Township



PROJECT ID	NAME	TOWNSHIP	YEAR	EST_COST
1	Newtonsville Collection System Assessment	Wayne	2016	\$2,048,620
2	Newtonsville WWTP	Wayne	2016	\$1,144,090