

## Swan Creek Watershed Infrastructure Projects

The following is an inventory of projects in the Swan Creek watershed that may qualify for balanced growth incentives through Ohio agencies. As local stakeholders projects are developed and completed, this inventory will be subject to updating. In November 2011, the Ohio Lake Erie Commission identified 28 state programs offering incentives; the number of supporting watershed projects could be large, and constantly changing.

This project inventory will be maintained by TMACOG staff under the review and subject to the approval of the Swan Creek Balanced Growth Committee. It is recommended that state agencies consult with TMACOG and the committee for current information and consistency with goals of the priority areas.

### Water and Sewer Infrastructure

TMACOG will coordinate this inventory with other regional plans where possible. For example, the sanitary sewerage project inventory will be drawn from the "208" *Areawide Water Quality Management Plan*, which is frequently updated and includes the capital improvement plans of all sewerage service providers in Lucas County.

TMACOG does not maintain regional water supply or stormwater capital improvement plans. For these infrastructure projects, TMACOG will draw upon Capital Improvements Reports prepared for Ohio Public Works Commission, where available, or survey local agencies for their needs. Water, sewerage, and stormwater inventory projects may qualify for incentives through the Ohio EPA Water Pollution Loan Fund or the OWDA Community Assistance or Fresh Water Programs.

The final column on the water and sewer project list provides a rating of each project location with this plan's priority areas. This column identifies how each project aligns with the goals of this plan.

- D** The project's service area is completely or substantially in the watershed and directly supports development or redevelopment of PDAs. ***This project is consistent with the Swan Creek Watershed Balanced Growth Plan, and we recommend state agencies approve incentives for it.***
- S** The project is systemwide, necessary for development or redevelopment of Swan Creek PDAs, although the construction would not be in the Swan Creek watershed. Typical examples include treatment plant improvements to comply with OEPA standards, systemwide facilities needed to reduce extraneous flows and comply with a Long Term Control Plan, and water mains or interceptor sewers connecting Swan Creek watershed PDAs with the treatment facility. ***This project is consistent with the Swan Creek Watershed Balanced Growth Plan, and we recommend state agencies approve incentives for it.***
- W** The project is not in the Swan Creek watershed, but is required for a Long Term Control Plan in the same system that serves Swan Creek watershed PDAs. The project reduces extraneous flows that would otherwise overload interceptor sewers and/or a treatment plant that provides service to Swan Creek Watershed PDAs. ***This project is consistent with***

***the Swan Creek Watershed Balanced Growth Plan, and we recommend state agencies approve incentives for it.***

**AOOA** The project is in the Airport-Oak Openings Area of the watershed, and should be evaluated by the Swan Creek Balanced Growth Committee under the provisions discussed in §3.4 “Special Priority Areas.” See also discussion of Development, below.

**WWWA** The project supports development or redevelopment of the Waterville / Waterville Township / Whitehouse Area of the watershed. See also discussion of Development, below. ***This project is consistent with the Swan Creek Watershed Balanced Growth Plan, and we recommend state agencies approve incentives for it.***

**X** The project does not support the plan’s priority areas.

### **Development**

Incentives offered by the Ohio Department of Development through its Clean Ohio Revitalization Fund could be significant. TMACOG will work with lead applicants, including the City of Toledo Division of Environmental Services, the Lucas County Improvement Corporation and other development agencies, CDCs, their consultants, and the University of Toledo.

Village of Waterville – northwest corner of Waterville Monclova Rd. and State Rt. 64. Waterville Landings - Mixed use of commercial, office, multi and single family residential, approximately 340 acres.

Village of Whitehouse – south of state Rt. 64, west of Cemetery Rd. Whitehouse Square – Mixed use of commercial and residential.

Toledo Lucas County Port Authority - The Port Authority has development planned for the south side of the airport including the construction of a roadway and an 80,000 square foot building. Future plans include the addition of up to two million additional square feet of buildings to support a transportation hub. This area is described in the plan as the Airport Oak Openings Area (AOOA).

### **Conservation**

Watershed Plans will be an important source of information for environmental protection and habitat restoration projects. The principal plan for the Swan Creek Watershed is the *Maumee Area of Concern Stage 2 Watershed Restoration Plan*, in partnership with the Maumee RAP and Partners for Clean Streams. Other key partners in identifying PCA projects are municipal and township parks departments, Metroparks of the Toledo Area, the Nature Conservancy, Black Swamp Conservancy, and Ohio DNR. TMACOG will maintain the Swan Creek BGP project inventory from these sources, and by surveying local partners.

Maumee State Forest, ODNR Division of Forestry - will work on increasing the land base and connectivity of the Maumee State Forest through fee simple purchases from willing sellers. Special

consideration and concentration will be placed on in-holdings. A secondary effort will be the promotion of conservation easements.

Metroparks of the Toledo Area - Oak Openings Greenway Project, is working to acquire at least 1,800 acres of land within the Oak Openings region by 2012. The project specifically focuses on a contiguous corridor between Secor and Oak Openings Preserve Metroparks. The primary objective of the project is the preservation and restoration of significant habitat within the corridor. A secondary objective is to establish a physical land link between the two parks for a future trail.

### **Other Programs**

Potential BGP projects that may qualify for incentives through other state programs will be inventoried by surveying stakeholders appropriate to each program. For instance, lead agencies for Land & Water Conservation Fund and NatureWorks projects include municipalities and townships and their parks departments, and the Lucas SWCD. The Scrap Tire program contacts would include municipal solid waste departments, Lucas County Solid Waste Management District, and Keep Toledo-Lucas County Beautiful.

**TABLE 11  
PROPOSED WATER INFRASTRUCTURE PROJECTS: NOVEMBER 2011**

Project Name	Industry Sector	Potential Public or Private Partners	County and/or City	Total Project Costs	Project Comments	Project Description	Priority: A = Agricultural C = Conservation D = Development S = System-wide W = In system, other watershed X = None AOOA = Airport/Oak Openings
Interceptor & Equalization Basin	wastewater	Delta	Fulton	\$4,181,000			S
Wastewater Treatment Plant Improvements	wastewater	Delta	Fulton	\$2,530,000			S
Computerized management system	wastewater	Lucas County	Lucas	\$45,000			S
East plant grit collection equipment replacement	wastewater	Lucas County	Lucas	\$285,000			S
East plant secondary clarifier equipment	wastewater	Lucas County	Lucas	\$1,200,000			S

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East plant waste activated sludge pumps	wastewater	Lucas County	Lucas	\$187,000			S
Flume repair	wastewater	Lucas County	Lucas	\$50,000			S
Odor control imp.	wastewater	Lucas County	Lucas	\$2,000,000			S
PS replacements	wastewater	Lucas County	Lucas	\$200,000			S
Rehabilitation / rebuild north generator	wastewater	Lucas County	Lucas	\$110,000			S
Trunk sewer cleaning / inspection	wastewater	Lucas County	Lucas	\$500,000			S
Trunk sewer repairs	wastewater	Lucas County	Lucas	\$1,000,000			S
Wastewater plant solids handling improvements	wastewater	Lucas County	Lucas	\$916,000			S
West plant ultraviolet module	wastewater	Lucas County	Lucas	\$291,000			S

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Cass Rd PS Improvements	wastewater	Maumee	Lucas	\$145,000			D
Large Diameter Sewer Rehabilitation	wastewater	Toledo	Lucas	\$1,000,000	Annual cost	Sewer rehabilitation	S
S-3 Highland Sewer Separation	wastewater	Toledo	Lucas	\$5,405,000		Sewer Separation	D
S-4 Woodsdale Inflow Reduction	wastewater	Toledo	Lucas	\$4,600,000		Inflow Reduction	D
W-5 Knapp & Williams Inflow Reduction	wastewater	Toledo	Lucas	\$1,840,000		Inflow Reduction	D
W-6 Maumee Storage Basin	wastewater	Toledo	Lucas	\$23,115,000		Wet Weather Storage	S
Infrastructure Improvements at Toledo Express Airport	wastewater	Toledo-Lucas County Port Authority	Lucas	\$5,000,000	construction could start within 120 days of funding award	Potable water, sanitary sewer, road and cargo building.	AOOA

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Portable generator for smaller lift stations	wastewater	Waterville	Lucas	\$15,000			S
Replacement of standby generators at sanitary PSSs	wastewater	Waterville	Lucas	\$450,000			S
Whitehouse Regional P.S. Rehabilitation	wastewater	Whitehouse	Lucas	\$335,000	Finzel Road & Bucher Road	Replace pumps, M.H. & chemical addition for corrosion protection	D
Dutch Rd extension	wastewater	Whitehouse	Lucas	\$1,116,200		Provide sanitary sewer service to an area of Waterville Twp. on Dutch Rd. from the Village limits approx. 4,200 ft. east	D

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Industrial development	wastewater	Whitehouse	Lucas	\$180,000	Reline Sanitary Sewer, Replace water mains, install sidewalks and resurface streets. These two projects are infrastructure for new development along Industrial Parkway in the NW corner of the village.		D
Industrial Park new road	wastewater	Whitehouse	Lucas	\$70,000			D
River Trace Subdivision	wastewater	Whitehouse	Lucas	\$225,000	Utilities for proposed subdivision along Finzel Road, south of Rt 64, within village limits		D
Sandra Park	wastewater	Whitehouse	Lucas	\$200,000	Infrastructure for a 17 ac parcel owned by village within village limits - proposed residential or commercial subdivision between Sandra and Rupp.		D



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SR 64 extension E to district boundary	wastewater	Whitehouse	Lucas	\$450,000			D
Stiles E from Providence	wastewater	Whitehouse	Lucas	\$200,000			D
Waterville Street short extension	wastewater	Whitehouse	Lucas	\$40,000			D
Whitehouse Meadows	wastewater	Whitehouse	Lucas	\$200,000	wastewater and other utilities for proposed development in village: west side Heller south of Wabash bike trail. Former village wellfield.		D
Sewer separation (overall)	wastewater	Swanton	Lucas - Fulton	\$4,200,000			S
Lincoln - Church - Crestwood Combined Sewer Separation	wastewater	Swanton	Fulton	\$800,000	One phase of the Village's overall CSO separation plan		D

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WWTP upgrades for wet weather capacity	wastewater	Swanton	Lucas - Fulton	\$2,800,000			S
O-1 Study of the Lockwood and DeVilbiss	wastewater	Toledo	Lucas	\$3,000,000			W
O-2 Lockwood and DeVilbiss sewer separation	wastewater	Toledo	Lucas	\$5,900,000			W
O-3 Monroe and Ayers collector sewer study	wastewater	Toledo	Lucas	\$10,000,000			W
O-4 Ottawa River South Storage Basin	wastewater	Toledo	Lucas	\$80,700,000			W
Parkside Area Sanitary Sewer Overflow Elimination	wastewater	Toledo	Lucas	\$20,000,000			W

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E-1 Modification to the Paine regulator	wastewater	Toledo	Lucas	\$2,100,000			W
E-2 Dearborn Storage Basin	wastewater	Toledo	Lucas	\$16,700,000			W
E-3 International Park Pipeline Storage	wastewater	Toledo	Lucas	\$28,800,000			W
E-4 Modification to the Fassett regulator	wastewater	Toledo	Lucas	\$1,900,000			W
E-5 Oakdale Storage Basin	wastewater	Toledo	Lucas	\$21,600,000			W
E-6 Wheeling Area sewer separation	wastewater	Toledo	Lucas	\$2,900,000			W
E-7 Bay View Grit Facility	wastewater	Toledo	Lucas	\$20,200,000			S

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W-1 Pipeline Storage Facility adjacent to Jamie Farr Park	wastewater	Toledo	Lucas	\$6,400,000			W
W-2 Ash to Interceptor sewer separation	wastewater	Toledo	Lucas	\$2,700,000			W
W-3b River Rd - Detroit Ave SSO Elimination	wastewater	Toledo	Lucas	\$6,000,000			W
W-4a Downtown Tunnel Optimization	wastewater	Toledo	Lucas	\$9,300,000			D
W-4c Downtown Tunnel Storage. Pipeline or tank	wastewater	Toledo	Lucas	\$55,200,000			D

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W-5 William and Knapp Area SSES	wastewater	Toledo	Lucas	Part of Ash			D
W-6 Maumee Ave. Storage Basin	wastewater	Toledo	Lucas	\$6,700,000			W
W-7 New York Area SSES	wastewater	Toledo	Lucas	Part of Wheeling			W
S-1a Swan North Tunnel Optimization	wastewater	Toledo	Lucas	\$6,200,000			D
S-1b Swan Creek North Storage Tunnel Extension	wastewater	Toledo	Lucas	\$26,400,000			D
S-2a Swan South Tunnel Optimization	wastewater	Toledo	Lucas	\$3,600,000			D
S-2b Swan Creek South Tunnel In-System Storage	wastewater	<b>Toledo</b>	Lucas	\$600,000			D

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S-3 Highland sewer separation	wastewater	Toledo	Lucas	\$1,400,000			D
S-4 Woodsdale SSES and inflow reduction	wastewater	Toledo	Lucas	\$832,000			D
Dearden / Birdsall Sanitary Sewer	wastewater	Toledo	Lucas	\$428,391			X
Bay View Solids Handling Renovations	wastewater	Toledo	Lucas	\$19,011,950			S
Bay View Secondary Improvement - 44C	wastewater	Toledo	Lucas	\$2,964,000			S
Dead End Water Mains	Water Supply	Toledo	Lucas	\$200,000	Annual cost	Water main improvement	S
Water Main Replacement Program	Water Supply	Toledo	Lucas	\$2,500,000	Annual cost	Water main replacement	S

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Steel Main Replacement,	Water Supply	Toledo	Lucas	\$5,000,000		Water main replacement	D
Rehabilitation of 100,000 gal. Water tower	water supply	Waterville	Lucas	\$275,000			S
Minor Storm Drainage 2010	stormwater	Toledo	Lucas	\$300,000		Drainage improvement	S
Minor Storm Drainage additional	stormwater	Toledo	Lucas	\$100,000		Drainage improvement	S
Minor Storm Drainage Improvements	stormwater	Toledo	Lucas	\$200,000		Drainage improvement	S
69	projects			\$429,781,541			

**TABLE 12  
PROPOSED BROWNFIELD PROJECTS: NOVEMBER 2011**

Project Name	Industry Sector	Potential Public or Private Partners	County and/or City	Total Project Costs	Project Comments	Project Description	Priority: A = Agricultural C = Conservation D = Development X = None AOOA = Airport/Oak Openings
Columbia Gas Redevelopment	Environmental Cleanup	City of Toledo	Lucas	\$4,462,253	Project underway		D
Plabell Rubber Redevelopment	Environmental Cleanup	City of Toledo	Lucas	\$1,158,800	Application to Clean Ohio		D
Schindler Elevator	Environmental Cleanup	City of Toledo	Lucas	\$1,500,000			D
South and Westwood	Environmental Cleanup	City of Toledo	Lucas	\$3,000,000			D
Whitehouse Workhouse	Environmental Cleanup	Lucas County / Metroparks	Lucas	\$1,000,000			C
Champion Spark Plug	Environmental Cleanup	City of Toledo	Lucas				D
Jennison Wright	Environmental Cleanup	City of Toledo	Lucas				D
7	projects			\$11,121,053			