

MINUTES
PIQUA CITY COMMISSION WORK SESSION
SEPTEMBER 28, 2009
5:00 P.M.
201 WEST WATER STREET
PIQUA, OHIO 45356

Piqua City Commission met in a Special Work Session in the Commission Chambers in the Municipal Government Complex, 201 W. Water Street for a work session. Mayor Hudson called the meeting to order at 5:00 P.M. Also present were Commissioners Martin, Terry, and Vogt. Absent: Fess. Also in attendance: City Manager Fred Enderle, City Engineer Amy Havenar, Finance Director Cynthia Holtzapple, Street Superintendent Doug Harter, Devon Alexander, and Joe Drapp. Also present were Storm Water Advisory Committee members Bruce Driver, Mark Spoltman, Jim Vetter, Peggy Henthorn, and Andy Monnin. Representatives from Stantec Consulting Services present were Jim Rozell and Alan Castaneda.

Moved by Commissioner Martin, seconded by Commissioner Terry, to excuse Commissioner Fess from the September 28, 2009 Piqua City Commission Work Session. Voice vote, Aye: Hudson, Martin, Terry, and Vogt. Nay: None. Motion carried unanimously.

Purpose of the Special Meeting is to discuss the Storm Water Management

City Manager Enderle gave a brief explanation on the recommendation for the Storm Water Utility Ordinance to be presented at the October 5, 2009 Piqua City Commission Meeting.

City Engineer Amy Havenar introduced Jim Rozell and Alan Castaneda from Stantec Consulting Service and read the names of the Storm Water Advisory Committee members who participated in the study. They include: Bruce Driver, Peggy Henthorn, Jim Vetter, Mark Spoltman, Mike Bardo, Jason Petty, Dave Crawford, Roger Ely, Andy Monnin, along with City representatives City Manager Fred Enderle, Street Superintendent Doug Harter, and Devon Alexander.

Mr. Rozell gave a power point presentation on the results from the seven meetings that were held to discuss the recommendations for the Storm Water Ordinance. (See enclosed)

There were several questions asked including what benefits would the average citizen receive for their money, would business owners receive more benefits than the average citizens, what is the cost to the citizens and businesses, would the storm water be processed, what can property owners do to save on impervious areas. There was also discussion on the amount of fees that were being charged by neighboring cities such as Troy and Sidney.

Education of the public is very important to the water quality, and the dumping of trash, brush and grass clippings in empty lots, along with motor oil being poured down storm water drains is a real problem. When the Ordinance is presented, it was suggested it should be noted to the public the recommendations were made by the Storm Water Advisory Committee to the City Commission. A letter of endorsement signed by all of the Storm Water Advisory Committee Members was passed out along with a copy of the proposed Ordinance.

City Manager Enderle stated the Storm Water Ordinance would be on the October 5, 2009 City Commission Agenda for a first reading.

Mayor Hudson thanked the Storm Water Advisory Committee Members, and Stantec Consulting Services.

Moved by Commissioner Martin, seconded by Commissioner Terry, to adjourn from the Piqua City Commission Work Session at 5:55 P.M. Voice vote, Aye: Martin, Terry, Hudson and Vogt. Motion carried unanimously.

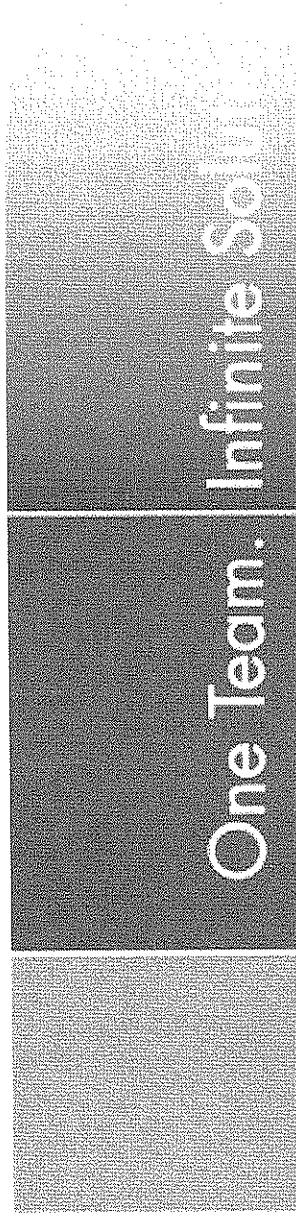
THOMAS D. HUDSON, MAYOR

PASSED: _____

ATTEST: _____
REBECCA J. COOL
CLERK OF COMMISSION

City of Piqua Stormwater Management

Date: September 28, 2009



Stantec

Requirements

- Federal NPDES Phase II Permit
- Operation & Maintenance of existing system
- Capital Improvements

NPDES Phase II Permit

- Public Education Program reach 50%
- Five public involvement activities / year
- Map all SW outfalls, CB's, pipes & ditches
- Inspect all outfalls annually & sample
- Enact new ordinances for Illicit Discharge, E&SC, and Post Construction
- Enforcement Action
- Train City Employees on pollution prevention
- File annual report w/ OEPA
- Projected annual cost \$ 150,000

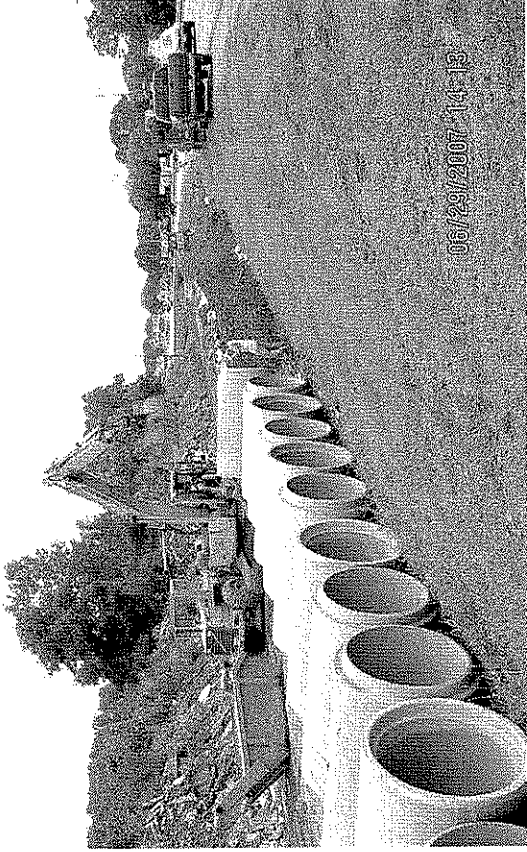
Operation & Maintenance

- City owns 65 miles of sewer.
- Maintenance is limited to problem response.
- TV inspection, cleaning, replacement & repairs
- Street sweeper & Vector Truck
- Annual Cost \$ 510,000

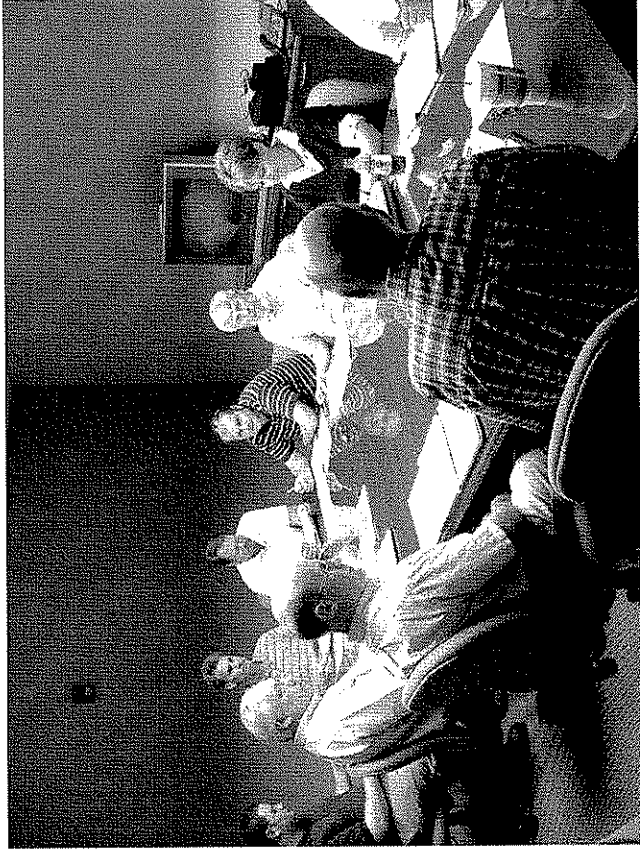


Capital Improvements

- Rebuild storm sewers during road reconstruction
- EPA requiring SW BMP's as part of new projects.
- Cost - \$ 260,000 / year



Advisory Committee

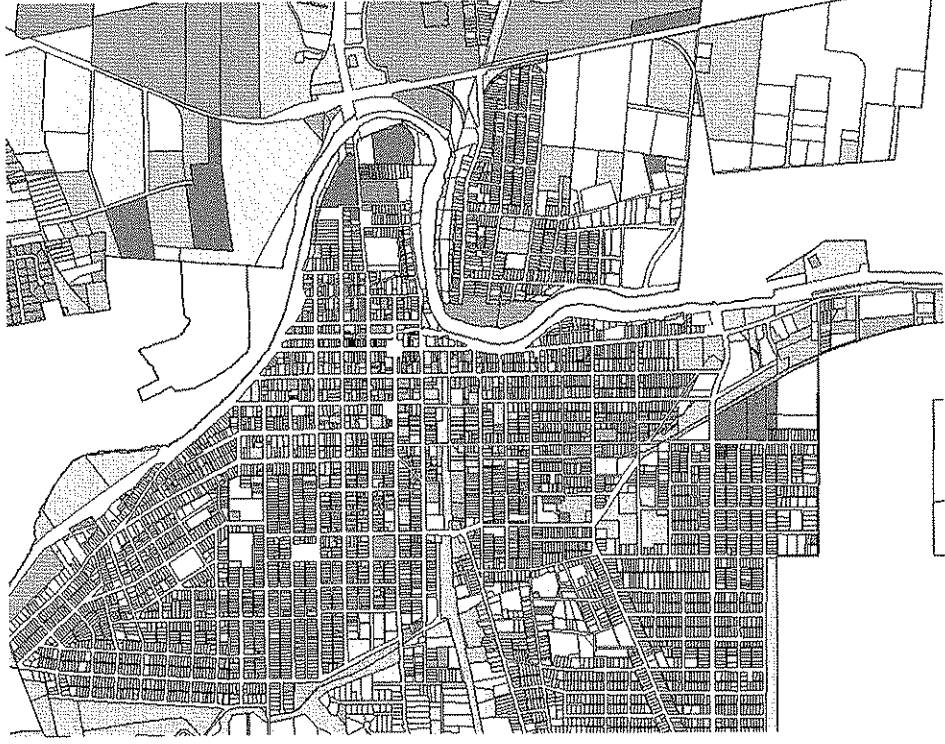


- Representatives from:
 - Commercial
 - Industrial
 - C of C
 - Churches
 - Schools
 - Residents
 - City Staff
- Monthly meetings
- Consensus, not voted

LOS / COS – First 5 Years

Item	Avg Yearly Cost
Management	\$ 39,600
NPDES Phase II Permit	150,200
O & M	510,200
Capital Improvements	260,200
Equipment / Lab	150,000
Administration	55,000
BMP Projects & Grants	73,200
Total Expense	1,238,400
Projected Revenue	1,239,000

Methodology



- Geographic Information System – GIS
- Impervious Area
- ERU Equivalent Residential Unit
- ERU = 2,700 sq. ft.
- Other land use classes were measured.

Projected Cost

- Recommended Rate is \$ 4.70 per ERU
 - Multi-Family charge one-half ERU \$ 2.35
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Example

- Commercial Property w/ 10,000 sq. ft impervious area
- $(10,000 / 2,700) = 3.70$
- Rounded to 4 ERU
- $4 \text{ ERU} \times \$ 4.70 = \18.80 per month

Credits

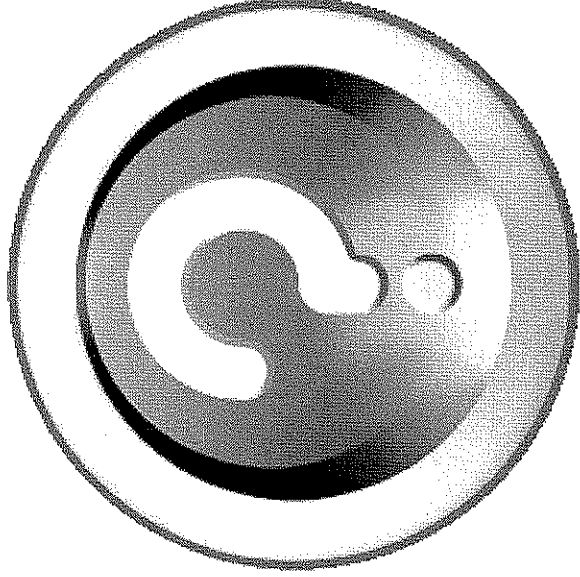
- Credits are typically provided for retention, detention, BMP's & education.
- Credits generally amount to a 5% - 10% reduction in ERU's.
- A 10% reduction would increase rates for everyone from \$4.70 to \$5.22 per ERU.
- Advisory Committee recommended that no credits be provided.

Cost by Land Use Per Year

Land Use	No. Parcels	Total \$
Residential	9,382	\$473,100
Commercial	945	\$313,800
Industrial	212	\$294,200
Churches	51	\$24,000
Schools	28	\$51,300
Government	135	\$72,800
Other	32	\$10,000
Total	10,785	\$1,239,200

Summary

- To meet Phase II Mandate, O & M and Capital Improvement requirements \$1,239,000 / year
- Recommended Rate \$ 4.70 per ERU
- Draft Stormwater Ordinance
- Billing begins December 30, 2009
- City will reevaluate program in 5-years.
- Stormwater program should improve drainage in the City and water quality in the streams and river.



QUESTIONS

Ohio SW Utilities

ADA	\$1.50	FOREST PK	\$3.00	MARION	\$4.16	REYNOLDSBURG	\$1.25		
ASHLAND	\$3.50	GAHANNA	\$2.71	NARYSVILLE	\$2.75	SHEFFIELD	\$2.50		
BARBERTON	\$5.00	GALION	\$3.00	MASON	\$3.00	SHEFFIELD LAKE	\$4.85		
BELLFONTAINE	\$3.75	GREENVILLE	\$2.95	MEDINA	\$2.25	SIDNEY	\$0.30		
BROADVIEW HTS	\$4.00	HAMILTON	\$5.50	MIDDLETOWN	\$3.25	TALLMADGE	\$2.00		
BUTLER CO	\$1.08	HAMILTON CO	\$2.16	MILFORD	\$5.50	TOLEDO	\$3.16		
CNL WINCHESTER	\$1.00	HUDSON	\$3.00	MONROE	\$3.00	TRENTON	\$2.60		
CHILLICOTHE	\$1.00	IRONTON	\$14.55	MONTPELIER	\$3.00	TROY	\$3.50		
CINCINNATI	\$2.70	KENT	\$2.30	MWCD	\$1.00	UNION	\$3.00		
COLUMBUS	\$3.32	LAKE CO	\$0.80	NEWARK	\$4.50	UP. ARLINGTON	\$2.75		
CUYAHOGA FALL	\$2.00	LANCASTER	\$4.64	PAINESVILLE	\$2.75	WADSWORTH	\$4.50		
DAYTON	\$4.28	LEBANON	\$3.50	PICKERINGTON	\$1.50	WOOSTER	\$4.80		
DELEWARE	\$2.50	LOVELAND	\$4.50	RAVENNA	\$3.00	ZANESVILLE	\$1.83		

*** Rates shown are monthly per ERU**

Average Cost per Land Use Per Month

Land Use	No. Parcels	Total \$	Avg. / Parcel
Residential	9,382	\$ 39,421	\$ 4.20
Commercial	945	\$ 26,151	\$ 27.67
Industrial	212	\$ 24,520	\$ 115.66
Churches	51	\$ 2,002	\$ 39.26
Schools	28	\$ 4,272	\$ 152.58
Government	135	\$ 6,063	\$ 44.91
Other	32	\$ 832	\$ 26.00
Total	10,785	\$ 103,261	\$ 9.57