



# Proposed 2013 Budget

*as presented October 23, 2012*

Whitpain Township

# Agenda

- ▶ Sewer Fund
- ▶ Sewer Capital
- ▶ Fee In Lieu Of Stormwater
- ▶ Traffic Improvement
- ▶ Stormwater Outfall
- ▶ Debt Service
- ▶ Highway Aid
- ▶ Questions & Comments on Funds Presented on 10/16/12 & 10/23/12
- ▶ Personnel
- ▶ Next Meeting 11/13/12
  - Fire & Fire Capital Budgets
  - Open Space



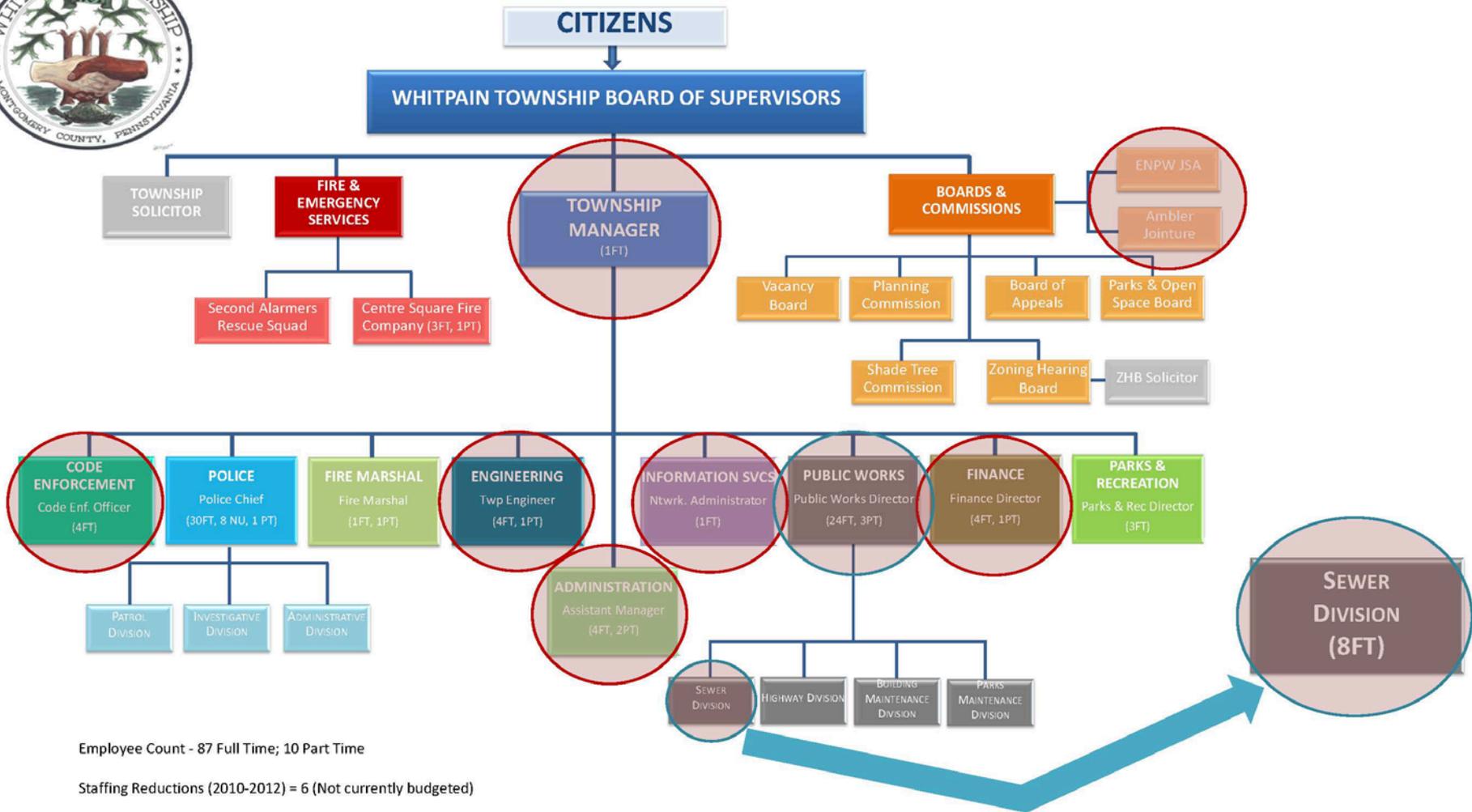
# **Sewer Fund & Sewer Capital Fund**

*as presented October 23, 2012*

**Whitpain Township**

# Sewer Fund Background

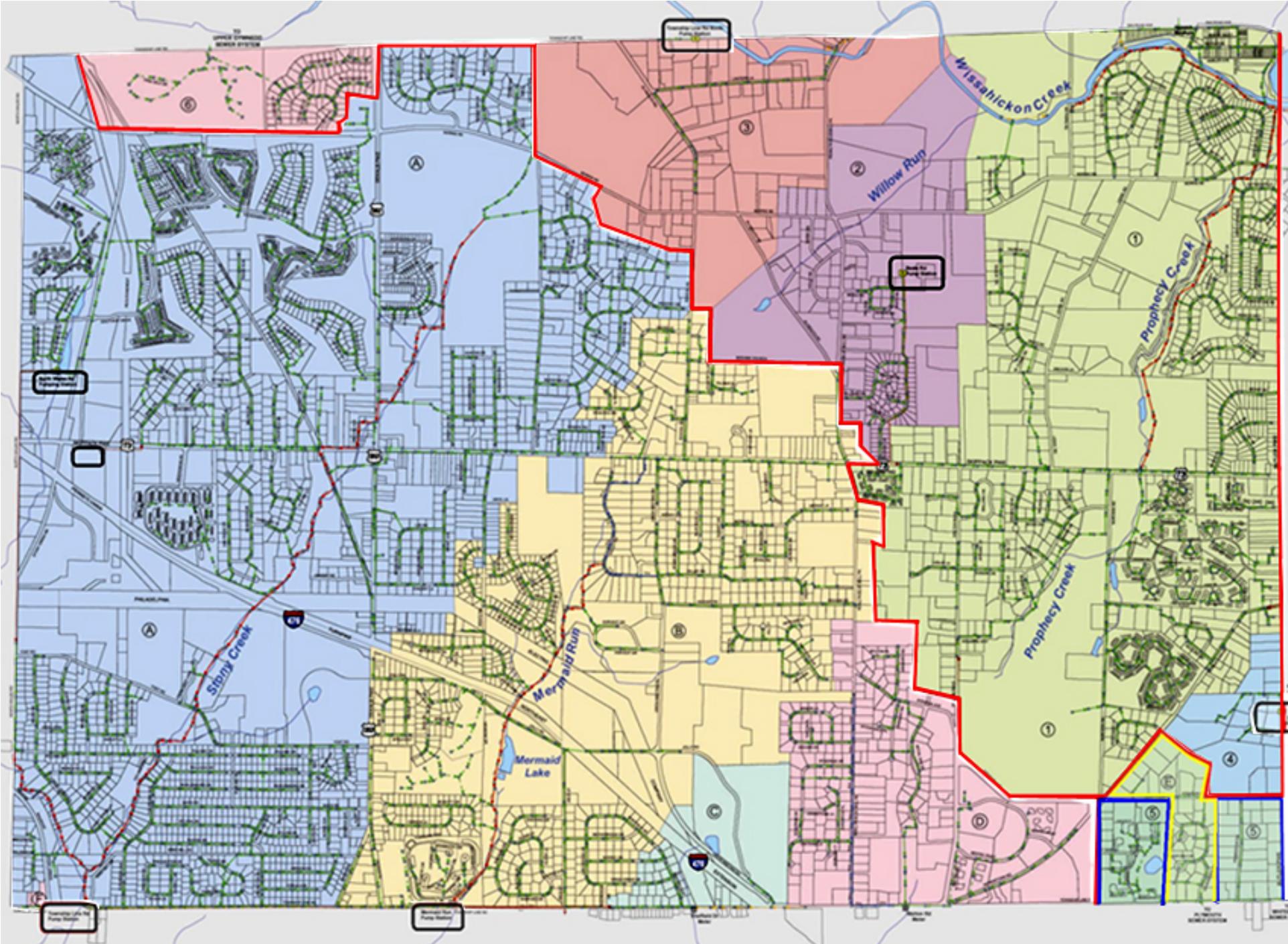
- ▶ 113 miles of sanitary sewers (including 2,568 manholes)
- ▶ 7 pumping stations
- ▶ 3 meter locations (permanent)
- ▶ No wastewater treatment facilities in Whitpain Township
- ▶ Employees must be prepared to respond 24/7 – 365 to sewer backups or mechanical failures

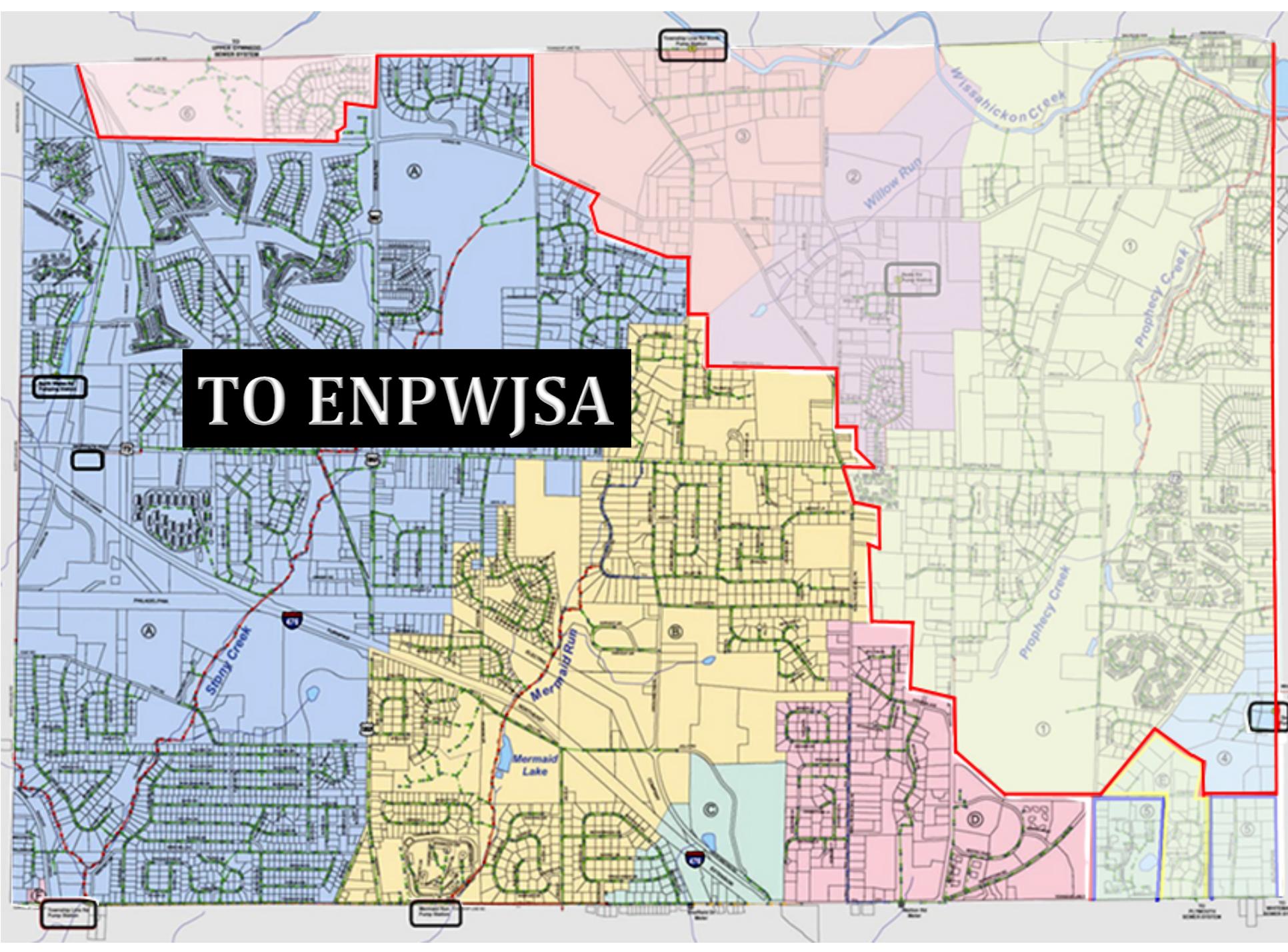


Employee Count - 87 Full Time; 10 Part Time

Staffing Reductions (2010-2012) = 6 (Not currently budgeted)

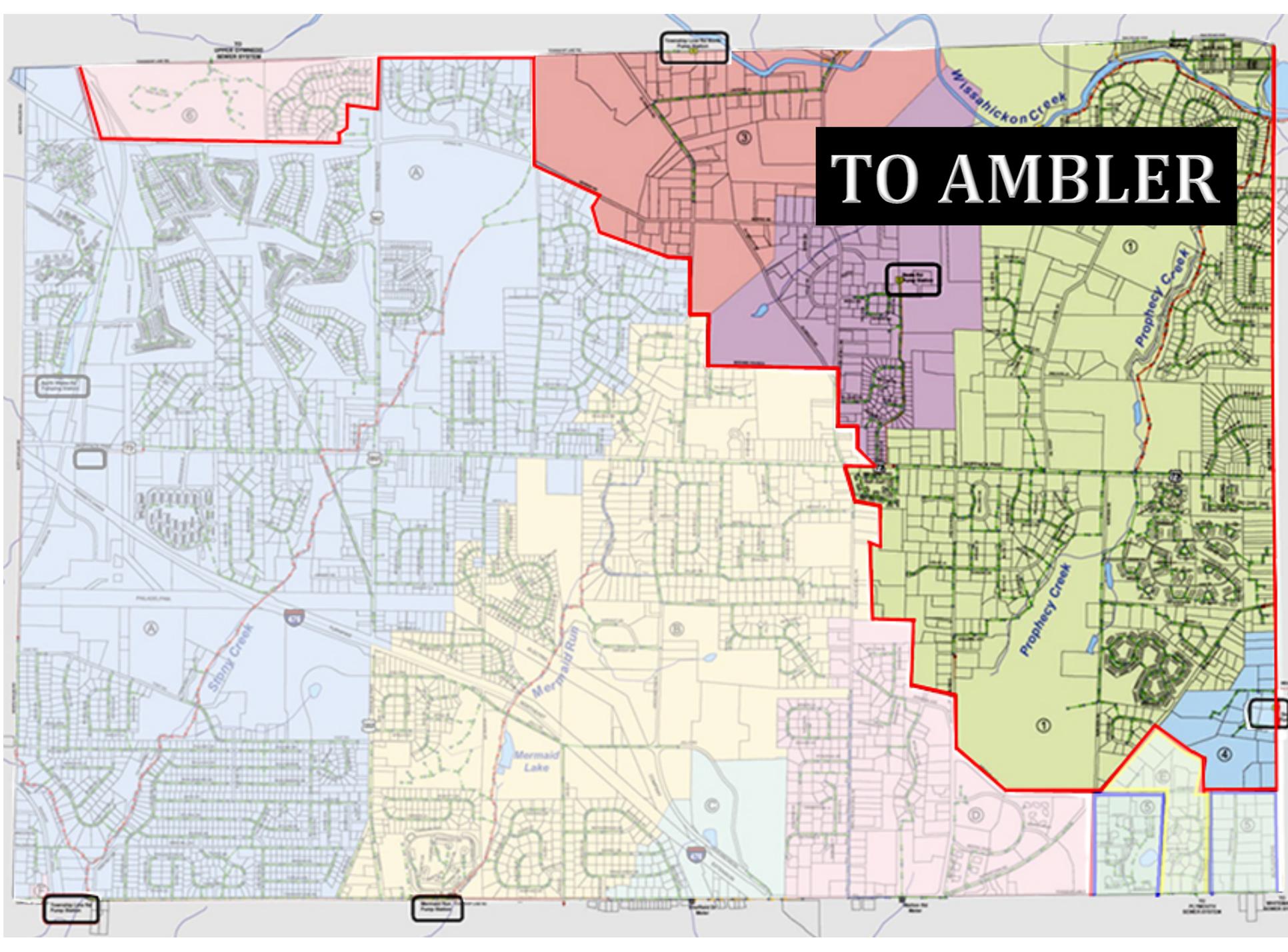
Last Edited 10/22/12 - NMG



A detailed map of a residential area, likely a golf course community, showing various streets, water features, and colored zones. A prominent red boundary outlines a specific region. The map includes labels for 'Upper Peninsula Sewer System', 'South Peninsula Sewer System', 'Prophecy Creek', 'Mermaid Run', 'Mermaid Lake', 'Stony Creek', 'Willow Run', and 'Wissahickon Creek'. A large black text box with white lettering is overlaid on the map, reading 'TO ENPWJSA'. The map also features several numbered callouts (1-6) and small inset boxes with text like 'Prophecy Creek Sewer System', 'South Peninsula Sewer System', and 'Prophecy Creek Sewer System'.

TO ENPWJSA

**TO AMBLER**

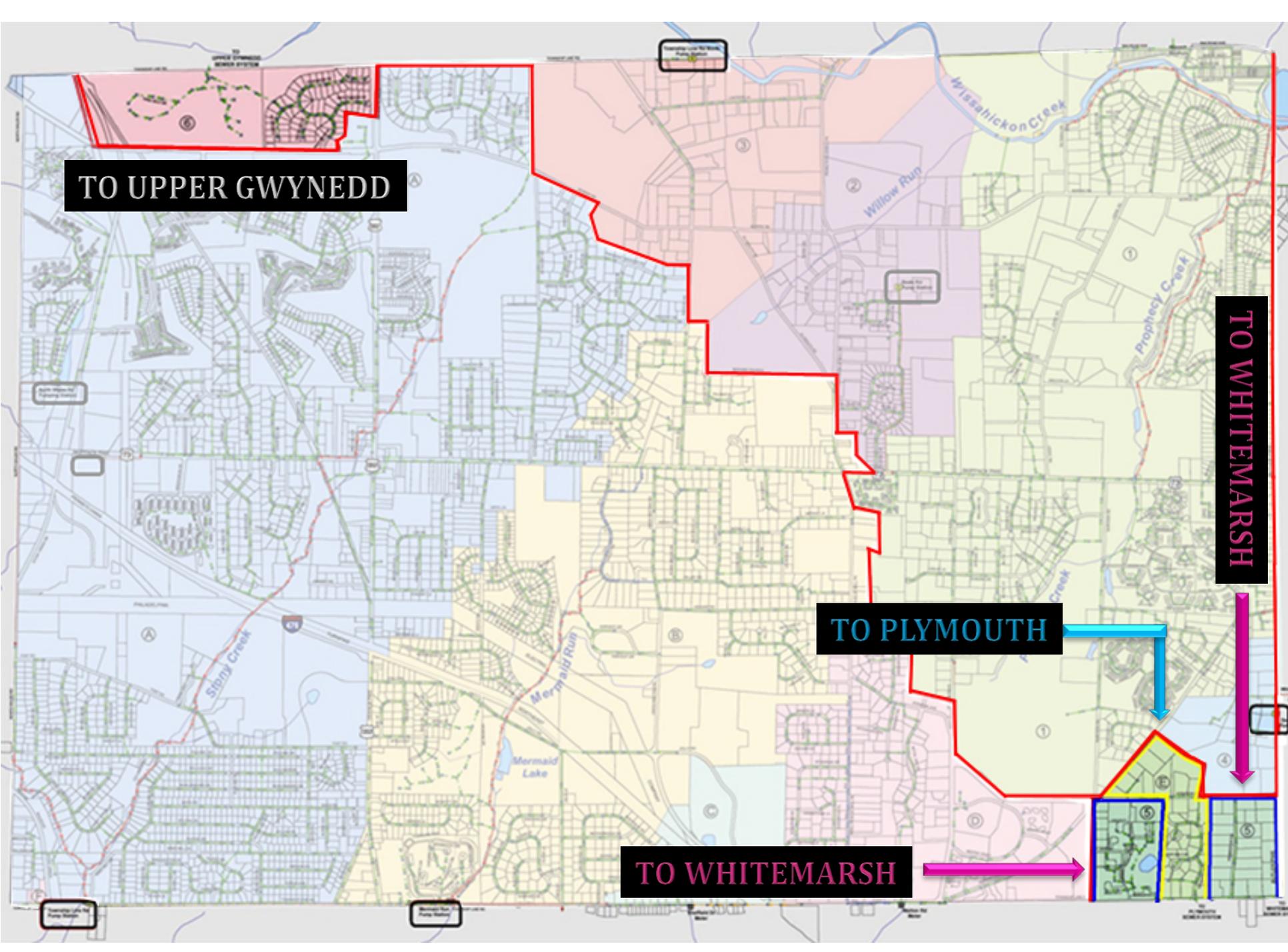


**TO UPPER GWYNEDD**

**TO WHITEMARSH**

**TO PLYMOUTH**

**TO WHITEMARSH**



# Sewer Fund 2013

**Total Revenues**

**\$3,580,750**

## **Appropriations / Expenditures**

Treatment Costs	1,265,107
Sewer Maintenance	836,809
Transfer to Capital	646,500
<u>Administration</u>	<u>1,063,421</u>

**TOTAL EXPENDITURES**

**\$ 3,811,837**

### ▶ ***Customers***

- Residential = 5,804
- Commercial = 272

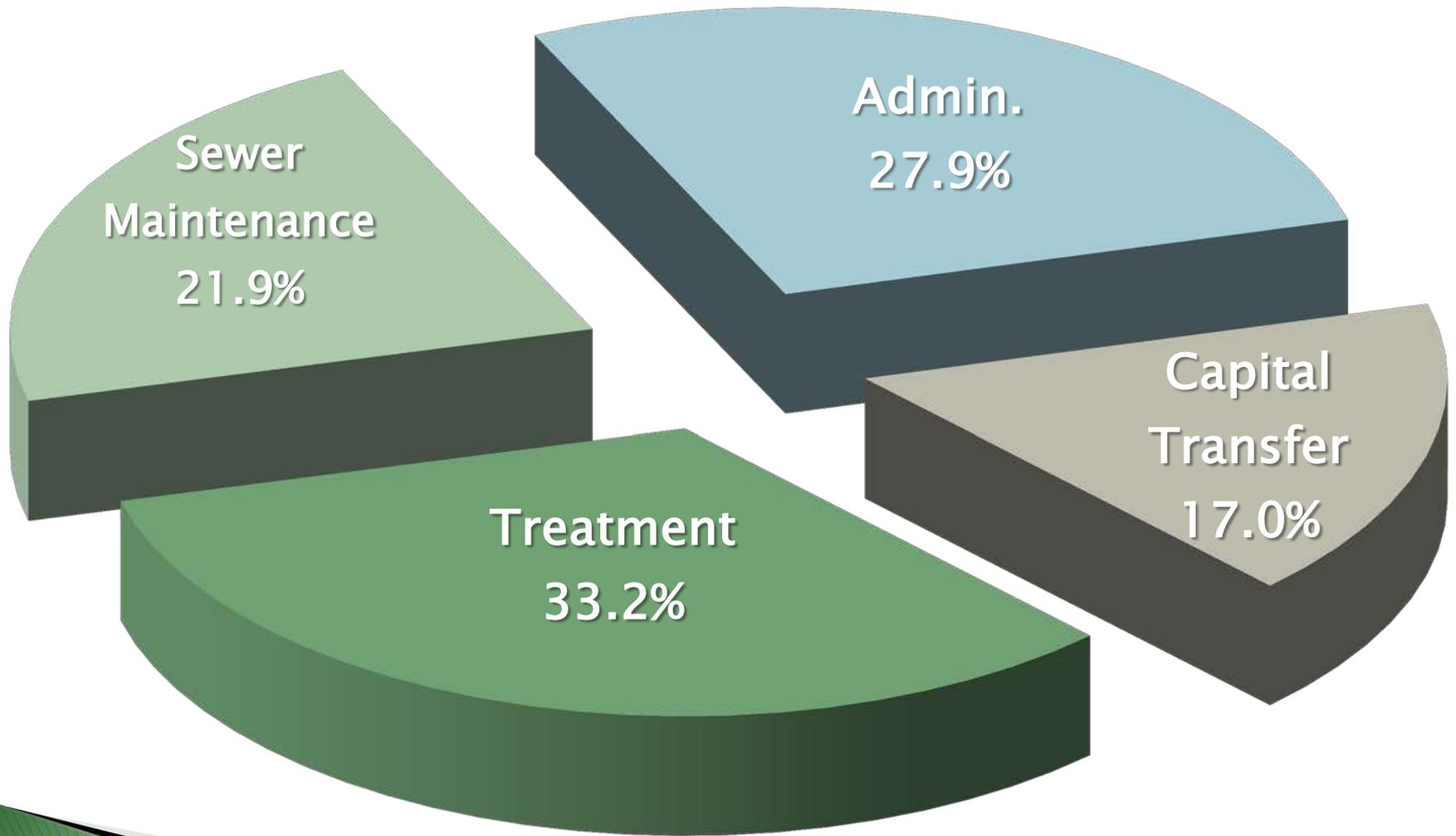
### ▶ ***Daily Flow***

- ENPWJSA = 1,840,000 Gallons / Day
- Ambler = 532,000 Gallons / Day
- Total Approximately 2.4 Million Gallons / Day

# Major Revenue Sources

- Unlike General Fund, the Sewer Fund has only one major revenue source: ***Sewer Rentals***
- ***Current Rates:***
  - Residential = \$85 per quarter
  - Commercial \$150 for 12,000 gallons and \$7.30 each additional 1,000 gallons
  - Last Rate Adjustment 2007
- **Cost to accommodate new development paid by developers**
  - Developers are responsible for paying the cost of extending facilities into the project
  - Developer required to pay for a portion of capital cost in the collection, conveyance and treatment systems (also known as impact fees)

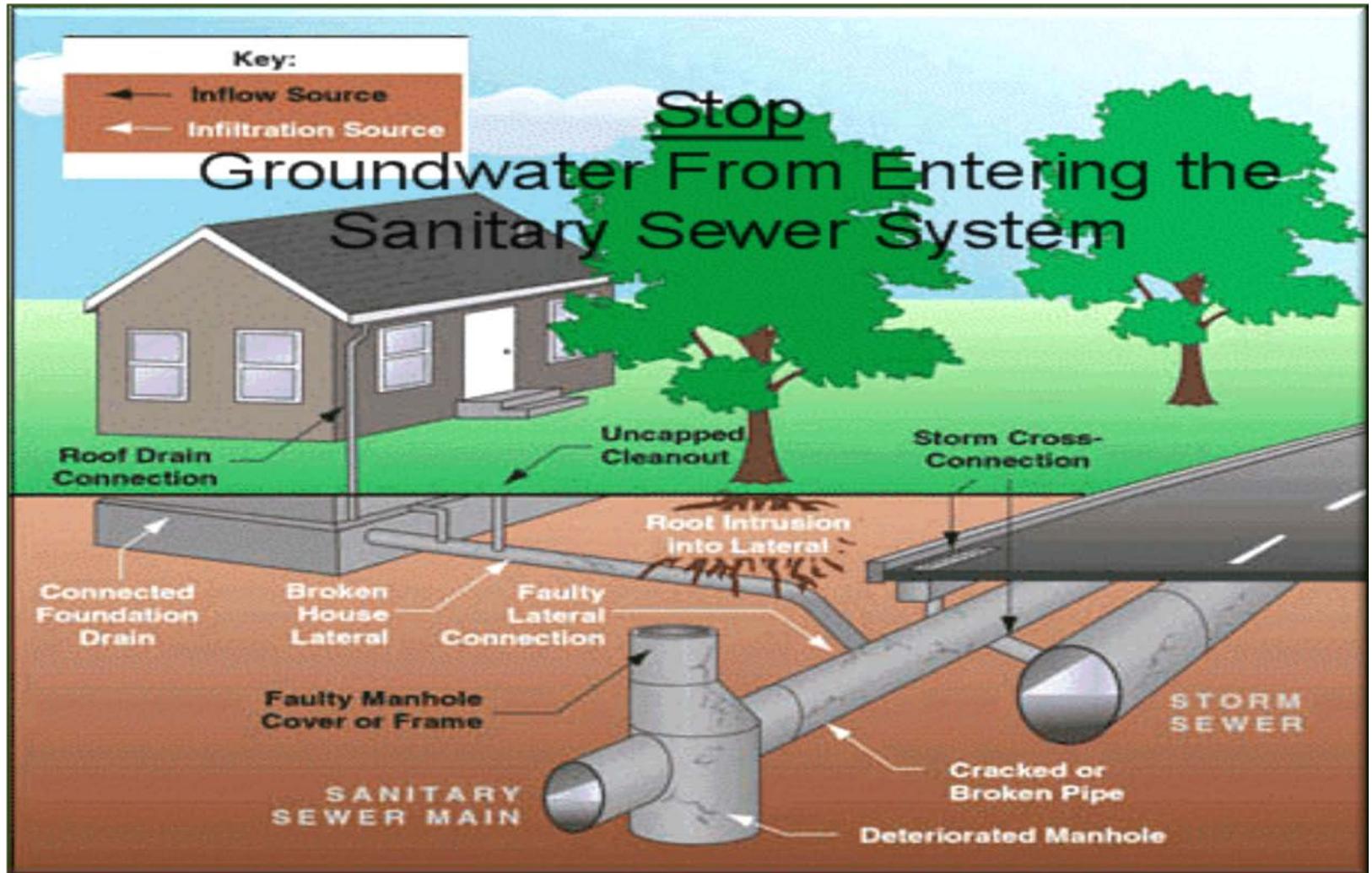
# Expenditures



# Ways to Contain Costs

- ▶ Sewage quantities directly impact collection, transportation, and treatment costs
- ▶ Residents should be aware of water consumption
- ▶ Residents should not allow sump pumps to discharge into the sanitary sewer system
- ▶ Township needs to monitor sewer flows and control Infiltration and Inflow (*I&I*)
- ▶ Township maintains equipment to assure operating efficiency and reduce power consumption

# Inflow & Infiltration



# 5-Year Sewer Operating Budget Projection

	2012	2013	2014	2015	2016	2017
<b>REVENUES</b>	3,486,500	3,580,750	3,597,940	3,616,494	3,687,039	3,759,014
<b>EXPENSES</b>	(2,981,832)	(3,165,337)	(3,243,195)	(3,336,716)	(3,408,553)	(3,485,254)
<b>NET SURPLUS (DEFICIT)</b>	504,668	415,413	354,745	279,778	278,486	273,760
<b>TRANSFERS IN</b>	-	-	-	-	-	-
<b>TRANSFERS OUT</b>	(800,000)	(646,500)	(646,500)	(646,500)	(646,500)	(646,500)
<b>NET CHANGES IN CASH</b>	(295,332)	(231,087)	(291,755)	(366,722)	(368,014)	(372,740)
<b>BEGINNING CASH</b>	1,089,475	794,143	563,056	271,301	(95,421)	(463,435)
<b>ENDING CASH</b>	794,143	563,056	271,301	(95,421)	(463,435)	(836,175)

# 2013 Sewer Capital Budget

<b>Category</b>	<b>Description</b>	<b>2013 Budget</b>
<b>Improvements</b>		
	<b>Mermaid Run Station (Roof Replacement)</b>	<b>25,000</b>
	<b>Total Improvements</b>	<b>25,000</b>
<b>Vehicles</b>		
	<b>Replace BC-01 Brush Chipper (1996)</b>	<b>38,200</b>
	<b>Replace S-09 Bobcat 5600 (2004)</b>	<b>61,000</b>
	<b>Total Vehicles</b>	<b>99,200</b>
<b>Treatment Plant</b>		
	<b>ENPWJSA</b>	<b>364,300</b>
	<b>AMBLER</b>	<b>206,928</b>
	<b>Total Treatment Plant</b>	<b>571,228</b>
<b>TOTAL</b>	<b>Total Sewer Capital Items 2013</b>	<b>695,428</b>

# 2013-2017 Sewer Capital Budget

	2013	2014	2015	2016	2017	2013-17
<b>Improvements</b>	<b>25,000</b>	<b>43,400</b>	<b>120,000</b>	<b>460,000</b>	<b>90,000</b>	<b>738,400</b>
<b>Vehicles</b>	<b>99,200</b>	<b>73,000</b>	<b>77,340</b>	<b>42,900</b>	<b>179,440</b>	<b>471,880</b>
<b>Treatment Plant</b>	<b>571,228</b>	<b>458,640</b>	<b>450,000</b>	<b>476,460</b>	<b>1,521,360</b>	<b>3,477,688</b>
<b>Grand Total</b>	<b>695,428</b>	<b>575,040</b>	<b>647,340</b>	<b>979,360</b>	<b>1,790,800</b>	<b>4,687,968</b>

# 5-Year Summary Sewer Capital Budget

	2012	2013	2014	2015	2016	2017
<b>REVENUES</b>	42,000	42,000	42,840	43,571	44,571	45,462
<b>EXPENSES</b>	(1,036,039)	(788,177)	(730,988)	(803,337)	(1,135,407)	(1,971,898)
<b>NET SURPLUS (DEFICIT)</b>	(994,039)	(746,177)	(688,148)	(759,766)	(1,090,836)	(1,926,436)
<b>TRANSFERS IN</b>	800,000	646,500	646,500	646,500	646,500	646,500
<b>TRANSFERS OUT</b>	-	-	-	-	-	-
<b>NET CHANGES IN CASH</b>	(194,039)	(99,677)	(41,648)	(113,266)	(444,336)	(1,279,936)
<b>BEGINNING CASH</b>	929,366	735,327	635,650	594,002	480,736	36,400
<b>ENDING CASH</b>	735,327	635,650	594,002	480,736	36,400	(1,243,536)



# Proposed 2013 Other Funds

*as presented October 23, 2012*

Whitpain Township

# Fee in Lieu of Stormwater Fund

- ▶ Fee is paid by residents who propose to expand an existing residential property and are unable to provide a stormwater management system on their property
- ▶ Money is then used for regional stormwater management systems
- ▶ Funds successfully used to provide the local match where approximately 50% of construction money came from DEP

# Fee in Lieu of Stormwater Fund

	2013	2014	2015	2016	2017
<b>Beginning Balance</b>	24,589	24,689	35,789	40,889	25,989
<b>Interest Earnings</b>	100	100	100	100	100
<b>State Grants</b>	80,000	-	-	50,000	-
<b>Contributions</b>	20,000	20,000	20,000	20,000	20,000
<b>Consultant Services</b>	20,000	-	5,000	15,000	-
<b>Construction Services</b>	80,000	10,000	10,000	70,000	15,000
<b>Total Revenue</b>	100,100	20,100	20,100	70,100	20,100
<b>Total Expenses</b>	100,000	10,000	15,000	85,000	15,000
<b>Grand Total</b>	100	10,100	5,100	14,900	5,100
<b>Ending Balance</b>	24,689	35,789	40,889	25,989	31,089

# Stormwater Basin Retrofit



# Traffic Improvement Fund & Stormwater Outfall Funds

- ▶ Revenues for both are primarily from developer impact fees
- ▶ Traffic impact fees must be used for providing additional capacity to accommodate traffic from the new development
- ▶ State grants are the other major source of revenue for the traffic improvement fund

# Traffic Improvement

	<b>2012 Actual</b>	<b>2012 Projected</b>	<b>2013 Request</b>
Beginning Balance	517,915	517,915	529,915
Interest Earnings	1,333	2,000	2,000
State Grants	-	-	200,000
Contributions	-	10,000	20,000
Intersection Improvements	-	-	250,000
Total Revenues	1,333	12,000	222,000
Total Expenses	-	-	250,000
Ending Balance	519,248	529,915	501,915

# Stormwater Outfall Funds

	<b>2012 Actual</b>	<b>2012 Projected</b>	<b>2013 Request</b>
Beginning Balance	31,938	31,938	16,538
Interest Earnings	74	100	100
Contributions	500	1,500	5,000
Consultant Services	500	500	500
Construction Services	-	-	-
Storm Sewer Materials	16,474	16,500	10,000
Total Revenues	574	1,600	5,100
Total Expenses	16,974	17,000	10,500
Ending Balance	15,538	16,538	11,138

# Debt Service Fund

- ▶ Savings from refinance in 2012, 2013 and 2014
- ▶ The Aaa rating and lower interest rates account for the savings
- ▶ After 2017, there is a \$747,000 drop-off in debt service since some outstanding debts will be paid in full
- ▶ Consideration should be given by Finance Cmte. and Operations Cmte. for a long-term debt plan that matches the needs the in capital reserve program

# Debt Service Fund – 5 Year Projection

	2012	2013	2014	2015	2016	2017
<b>REVENUES</b>	1,413,000	1,413,000	1,413,040	1,413,081	1,413,122	1,413,165
<b>EXPENSES</b>	(1,232,401)	(1,333,209)	(1,355,266)	(1,527,448)	(1,526,664)	(1,515,267)
<b>NET SURPLUS (DEFICIT)</b>	180,599	79,791	57,774	(114,367)	(113,542)	(102,102)
<b>TRANSFERS IN</b>	-	-	-	-	-	-
<b>TRANSFERS OUT</b>	-	-	-	-	-	-
<b>NET CHANGES IN CASH</b>	180,599	79,791	57,774	(114,367)	(113,542)	(102,102)
<b>BEGINNING CASH</b>	77,203	257,802	337,593	395,367	281,000	167,458
<b>ENDING CASH</b>	257,802	337,593	395,367	281,000	167,458	65,356

# Liquid Fuels Fund

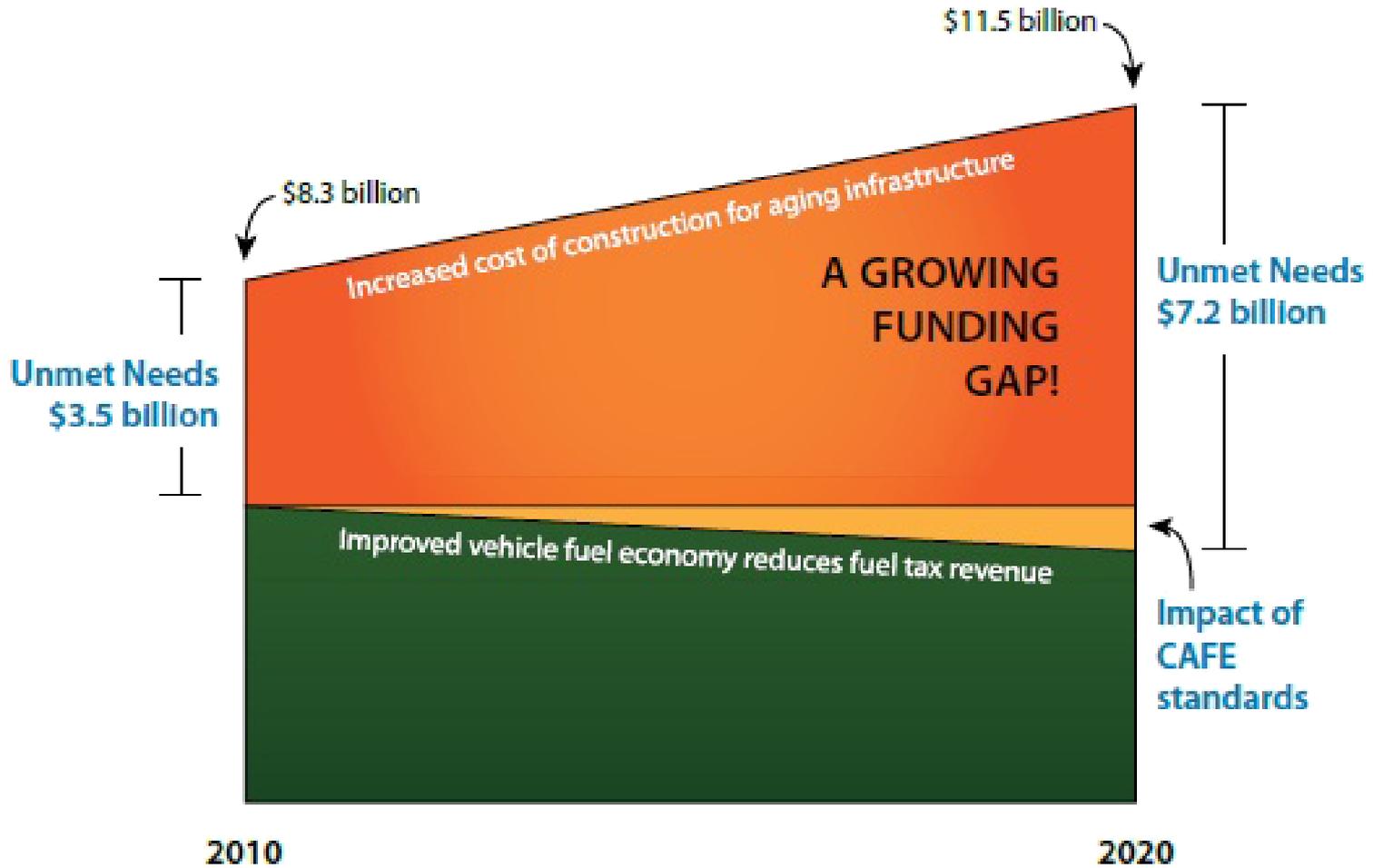
**Liquid Fuels Fund allocation to municipalities other than counties consist of the following:**

- 20% of 11.5 cents of the state's liquid fuels tax receipts
- 12% of 153.5 mills of the state's oil franchise tax
- \$30 million of the \$500 million allocated for roads and bridges under Act 44 of 2007

**Liquid Fuels Fund payments to individual townships are distributed based on the following formula:**

- 50% on mileage, and
- 50% on population using the latest decennial census figures (18,875)

# Pennsylvania's Transportation Funding Needs



Construction cost inflation and increased vehicle fuel efficiency further reduce our future buying power

Courtesy Governor's Transportation Funding Advisory Commission

# 5-Year Projection Highway Aid Fund

	2012	2013	2014	2015	2016	2017
<b>Revenues</b>	386,000	401,000	409,020	417,200	425,544	434,055
<b>Expenses</b>	(400,000)	(400,000)	(408,000)	(416,160)	(424,483)	(432,973)
<b>Net Surplus (Deficit)</b>	(14,000)	1,000	1,020	1,040	1,061	1,082
<b>Transfers In</b>	-	-	-	-	-	-
<b>Transfers Out</b>	-	-	-	-	-	-
<b>Net Changes In Cash</b>	(14,000)	1,000	1,020	1,040	1,061	1,082
<b>Beginning Cash</b>	30,231	16,231	17,231	18,251	19,291	20,352
<b>Ending Cash</b>	16,231	17,231	18,251	19,291	20,352	21,434

# Upcoming Meetings

- ▶ Budget Work Session – November 13<sup>th</sup>
- ▶ Public Comment – November 20<sup>th</sup> & December 4<sup>th</sup>
- ▶ Budget Adoption – December 4<sup>th</sup>



# Comments & Questions

Whitpain Township