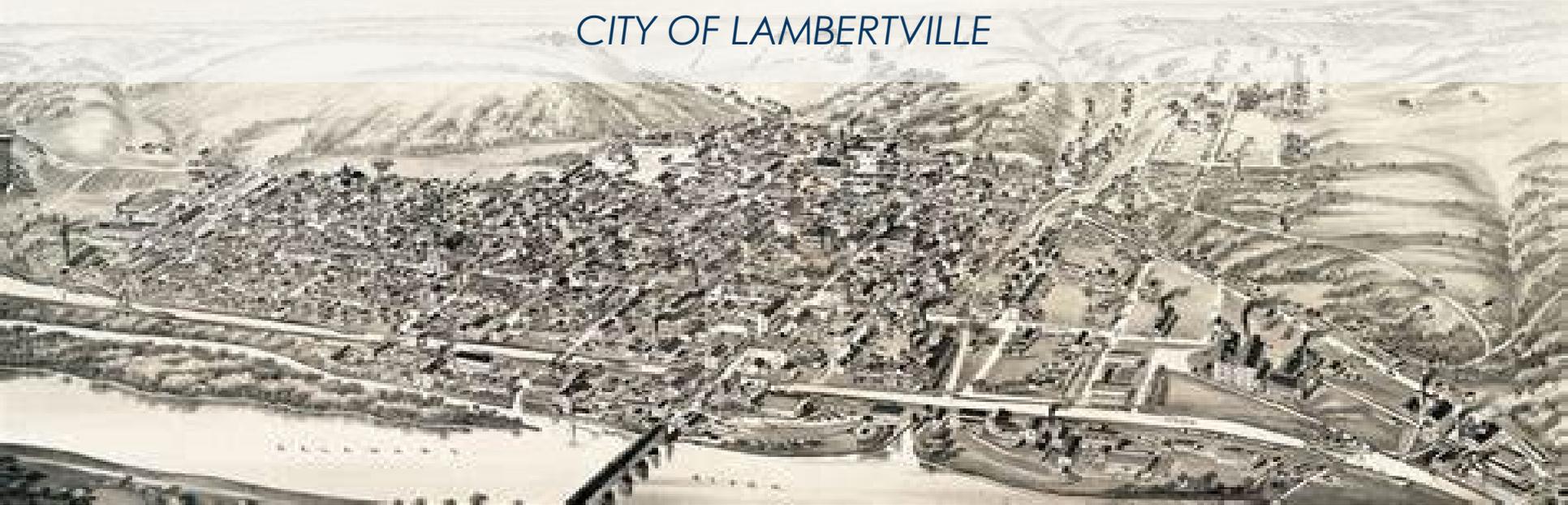


STORMWATER UTILITY FEASIBILITY STUDY

CITY OF LAMBERTVILLE



FOCUS GROUP- MEETING #2
MARCH 5, 2024



AGENDA

- I. Welcome Back and Introductions
- II. Review
- III. Programmatic and Organizational Review; Future Needs
- IV. Digitization and Land Use Analysis
- V. Feedback and Discussion
- VI. Next Steps

FOCUS GROUP GROUND RULES

- ✓ Be respectful to others.
- ✓ Only one person will speak at a time.
- ✓ Keep an open mind.
- ✓ Share all relevant information
- ✓ Focus on interests, not positions.
- ✓ Everyone is responsible for enforcing ground rules.

YOUR ROLE



- Learn about a stormwater utility.
- Review Lambertville's current stormwater program & costs.
- Gain understanding of state stormwater mandates.
- Provide feedback on behalf of your community/org on stormwater management needs and priorities.
- Represent your organization or community while being open to hearing other perspectives.

WHAT IS A STORMWATER UTILITY?

Fair/equitable fee assessment across a wide variety of users.



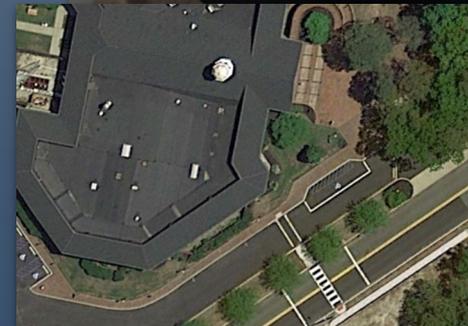
A Feasibility Study defines exactly what a Stormwater Utility would mean for your municipality

HOW DOES A STORMWATER UTILITY WORK?

Impervious Cover is the primary measure of cost distribution

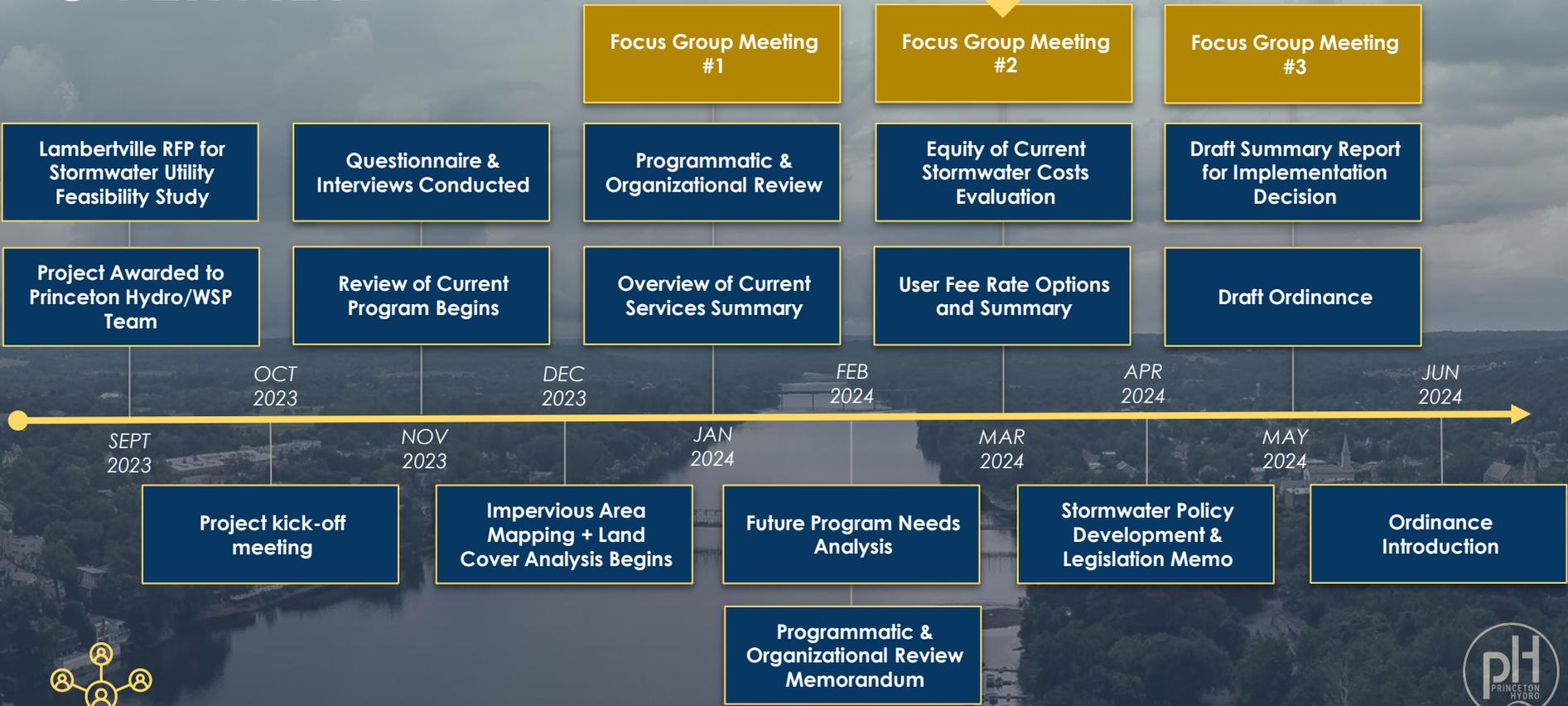
- Readily measurable with desktop GIS analysis
- Equitable and easy
- Required revenue (LOS) and total demand for service (impervious cover) are used to set the rate.

$$\text{Rate (\$/SF)} = \frac{\text{Required Revenue (\$)}}{\text{Imp. Coverage (SF)}}$$



Helix Water District

OVERVIEW



PROGRAMMATIC AND ORGANIZATIONAL REVIEW

PROGRAMMATIC REVIEW REFLECTION

- Need for increased cross-jurisdictional cooperation to maintain stormwater infrastructure
- New requirements for Tier A Municipal Stormwater General Permit compliance
- City experiences frequent flooding, even during small storms
- Drainage system has reactive maintenance such as blockage removal
- City is at near-complete buildout





Council & Mayor

Stormwater Program Coordinator- Mayor



ORGANIZATIONAL REVIEW

ORGANIZATIONAL REFLECTION

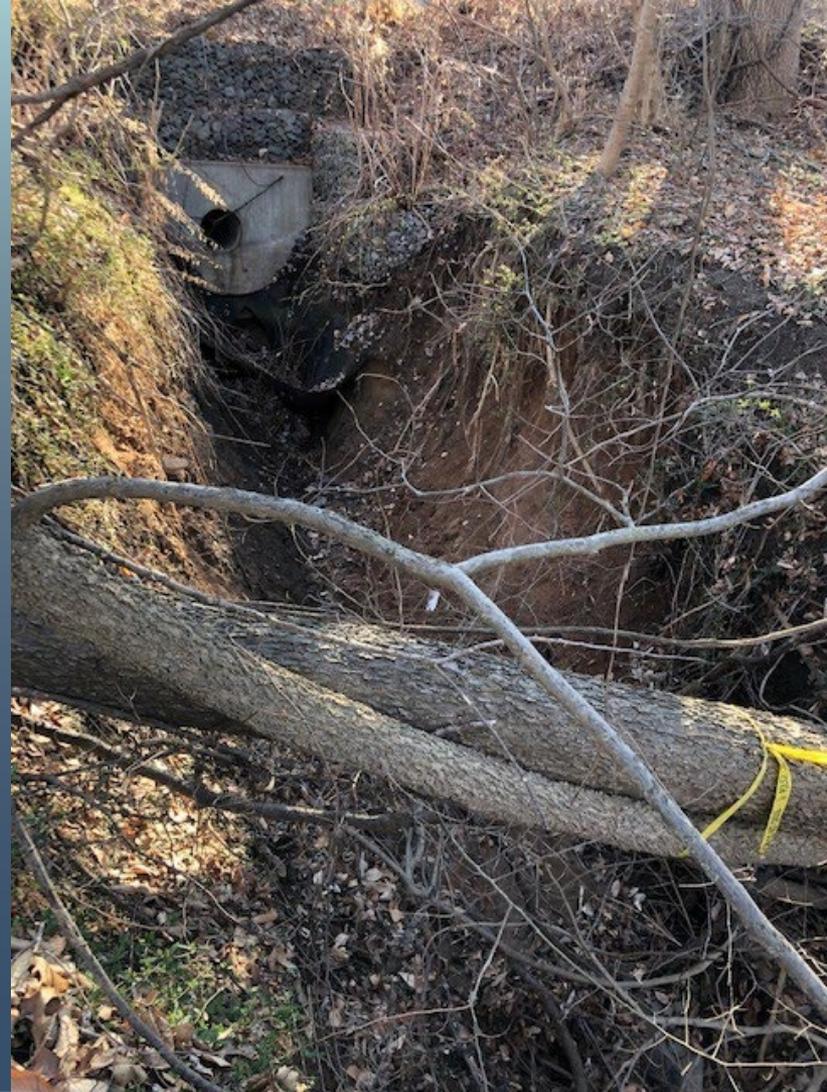
- Stormwater management is the responsibility, primarily, of Public Works Staff
- The Public Works Department is not sufficiently staffed to:
 - Comply with new MS4 Tier A Permit requirements
 - Shift to a more proactive maintenance strategy
- Mayor serves as the Stormwater Program Coordinator
 - Consider a new position for a stormwater/water resource engineer to serve as the stormwater program coordinator.



CURRENT EXPENDITURES

Current expenditures include:

- Drainage system proactive and reactive maintenance such as pre-storm clearing and general blockage removal
- Administrative effort for stormwater-related business
- City attorney services for reviewing ordinances
- Consultant engineering services – driven by applicable, annual project activity
- MS4 Tier A Permit compliance activities and reporting
- Capital costs related to watershed protection improvements



CURRENT LEVEL OF SERVICE FOR STORMWATER

Estimate ~ \$258,300

Includes capital, personnel and operating expenditures

FUTURE NEEDS

- **MS4 Tier A Permit Compliance**
 - One-time investments (website, updating SWPPP)
 - MS4 Infrastructure Map
 - Watershed Improvement Plan
 - Street Sweeping
 - Retrofit of Inlets
 - Inspections
 - Ordinances
 - Increased Maintenance
 - Community Engagement
 - + More!
- **Capital funding major maintenance, rehab, reconstruction, with a focus on flood mitigation + resilience**
- **Proactive Maintenance Strategy**

What is not getting done and what needs to be done in the near-term and future?

Revenue capacity must increase to
address system needs.

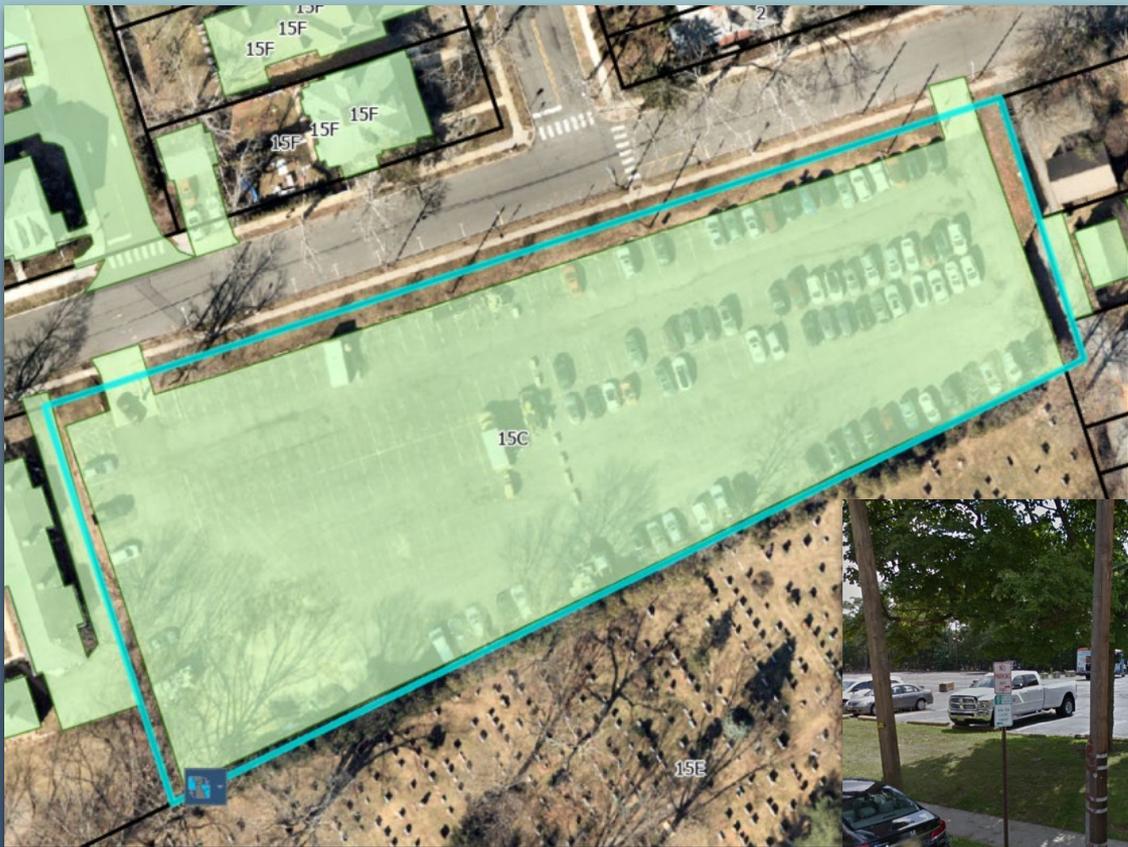
Who should pay and on what basis?

LAND USE TYPE & DIGITIZATION EXAMPLES

Land ownership and impervious area

COMMERCIAL PROPERTY





PARKING LOT



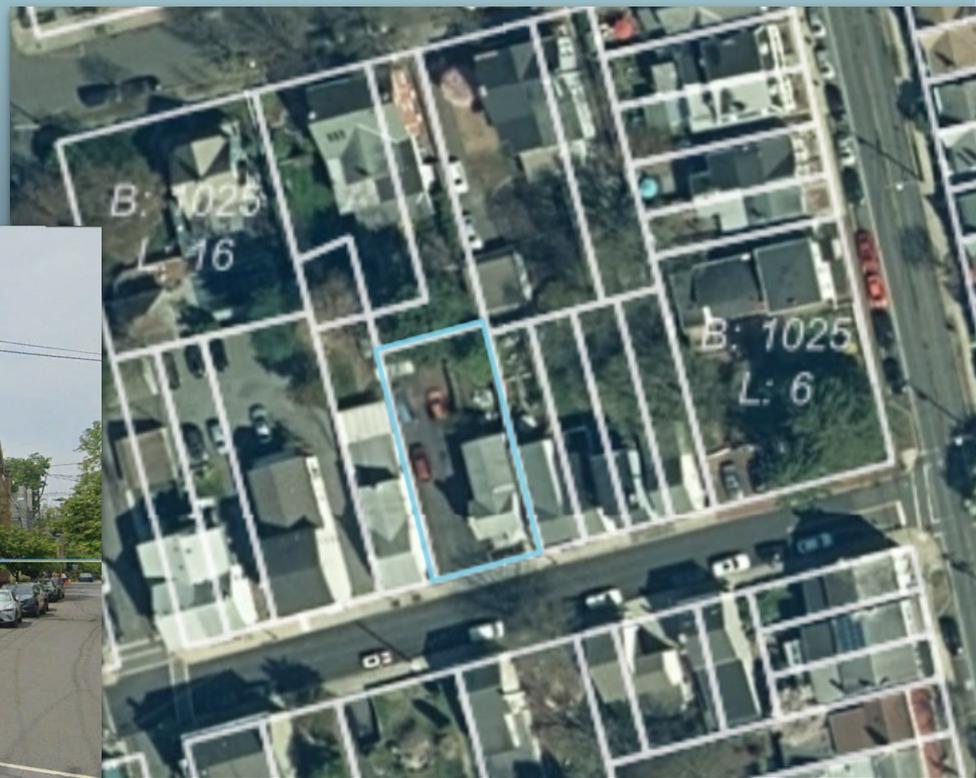
CHURCH AND CHARITABLE PROPERTY



SINGLE-FAMILY RESIDENTIAL PARCEL



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EXAMPLE PROPERTY FROM THE 76-PARCEL SAMPLE

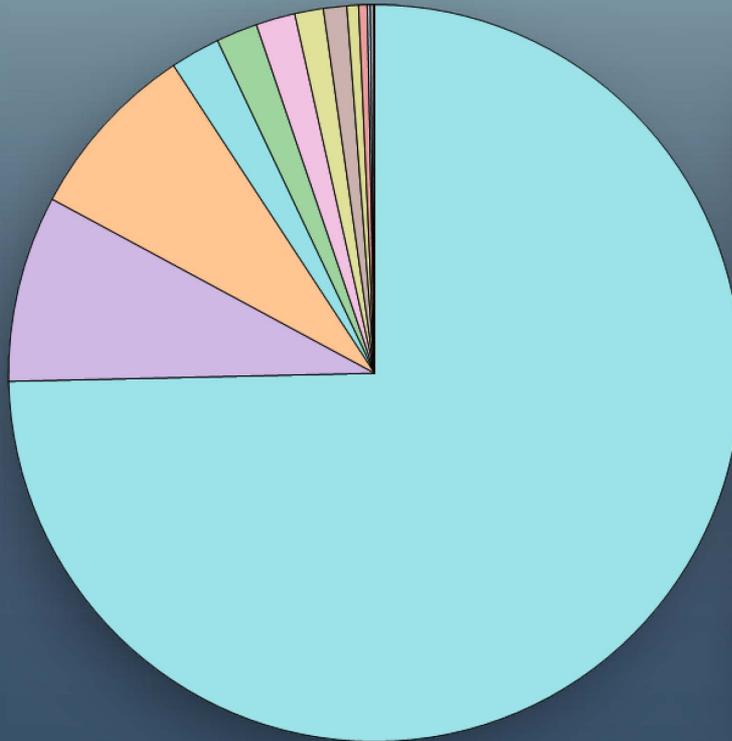


HISTOGRAM OF 76 SINGLE-FAMILY RESIDENTIAL PARCELS

COMPARATIVE ANALYSIS: THE DATA STORY

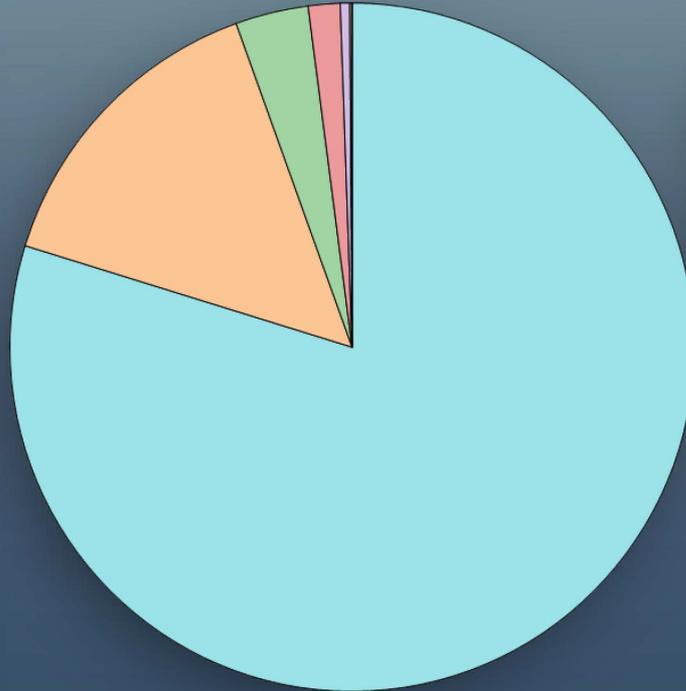
*Who currently pays for stormwater drainage and
how would this change under a utility?*

WHAT IS THE DISTRIBUTION OF LAND USE TYPES IN LAMBERTVILLE?



Land Use Code	
75%	Residential
8%	Vacant Land
8%	Commercial
2%	Unknown
2%	Apartment
2%	Public Property
1%	Church & Charitable Property
1%	Other Exempt
1%	Farm (Qualified)
0%	Industrial
0%	Cemeteries & Graveyards
0%	Class I Railroad Property
0%	Public School Property

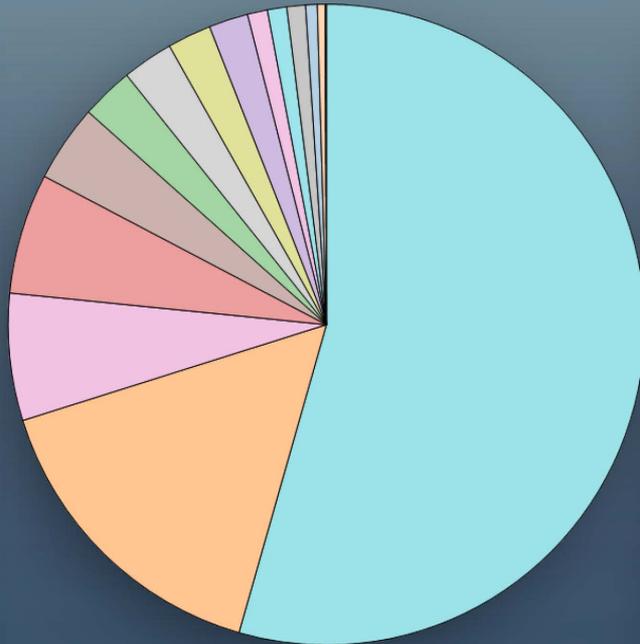
WHO CURRENTLY CONTRIBUTES REVENUE TO LAMBERTVILLE FOR GENERAL MUNICIPAL PURPOSES INCLUDING STORMWATER MANAGEMENT?



Percent of Current Tax Revenue

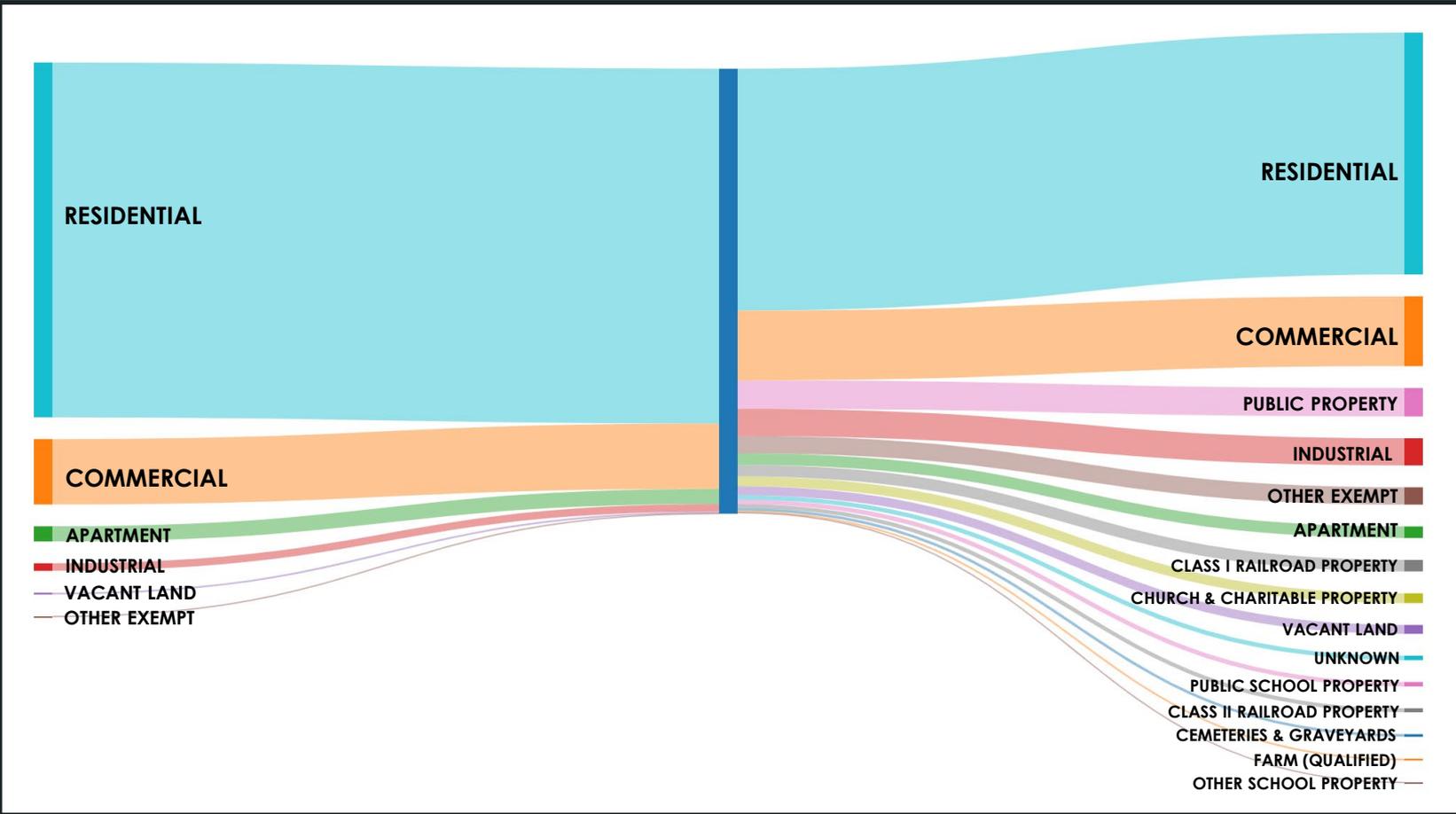
- 80% Residential
- 15% Commercial
- 3% Apartment
- 2% Industrial
- 0% Vacant Land
- 0% Other Exempt
- 0% Farm (Qualified)

HOW MIGHT THE CURRENT CONTRIBUTION OF REVENUE SHIFT SHOULD A MUNICIPAL STORMWATER UTILITY BE IMPLEMENTED?



Percent of Total Impervious Area Billing Units

- 54% Residential
- 16% Commercial
- 6% Public Property
- 6% Industrial
- 4% Other Exempt
- 3% Apartment
- 3% Class I Railroad Property
- 2% Church & Charitable Property
- 2% Vacant Land
- 1% Public School Property
- 1% Unknown
- 1% Class II Railroad Property
- 1% Cemeteries & Graveyards
- 0% Farm (Qualified)
- 0% Other School Property



CURRENT TAX REVENUE



POTENTIAL USER FEE



QUESTIONS?





DISCUSSION

NEXT STEPS:

- ✓ User Fee Rate Options and Summary
- ✓ Completion of Cost Model
- ✓ Stormwater Policy Development & Legislation Memo
- ✓ Draft Summary Report for Implementation Decision
- ✓ **Focus Group Meeting #3: Tuesday, May 7th at 7 PM**

