

Proposed Rumpke Sanitary Landfill Eastern Expansion

**Public Information Session
Permit-To-Install (PTI) Application**

**Michael Harris
Ohio EPA District Engineer
October 11, 2018**

What Ohio EPA Can Consider

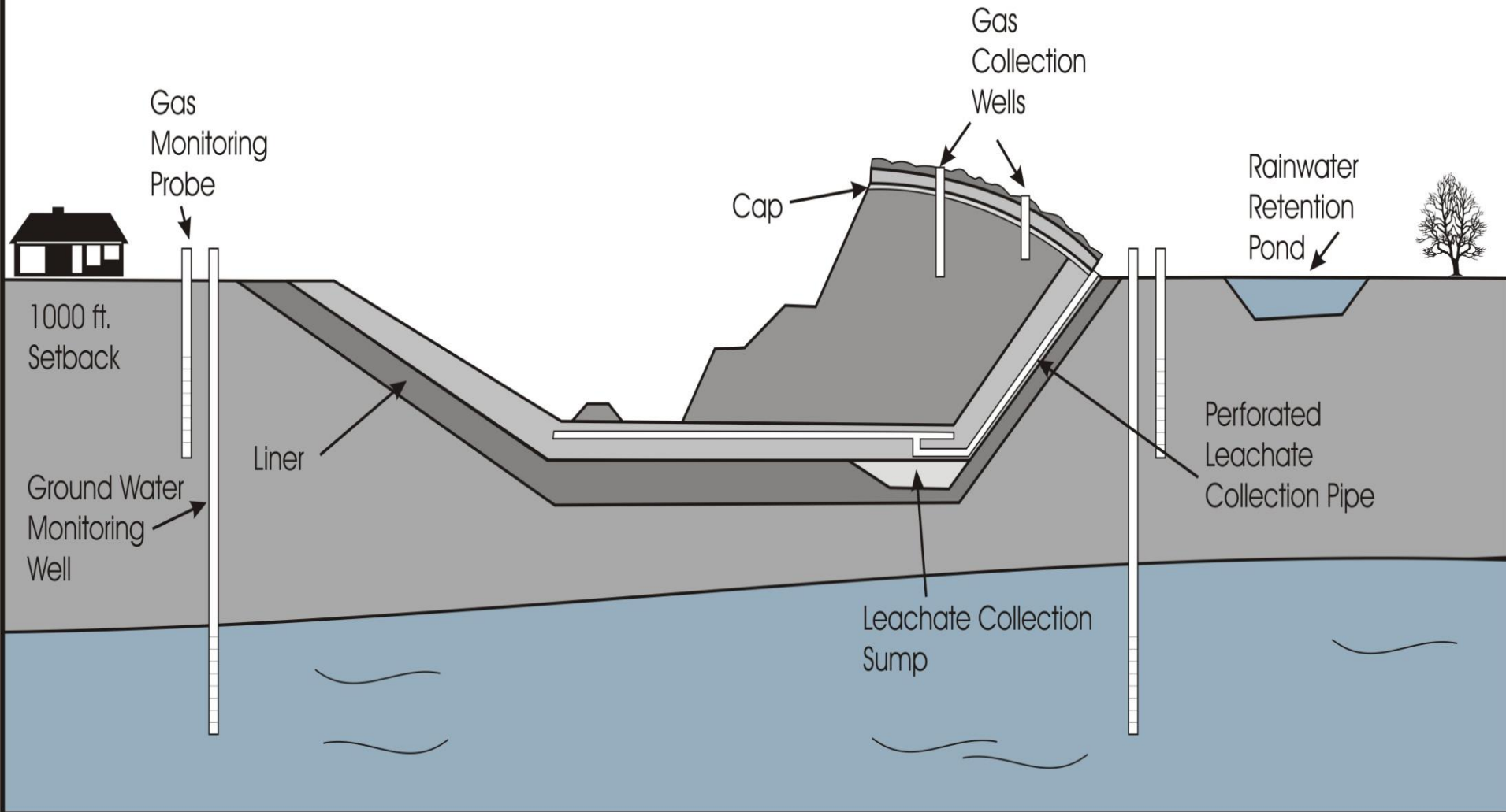
- Best Available Technology (BAT)
- Set of rules, written according to Ohio law
 - Limit where a landfill can be located
 - Limit design and operation
 - Closure and post-closure standards

Ohio EPA Does Not Have the Authority to Consider

- Local zoning
- Out-of-state waste
- Increase in road usage
- Property values
- Noise
- Popularity of the site



Typical Sanitary Landfill Cross Section



Proposed Eastern Expansion

Timeline Review

- Application submitted to Ohio EPA (4/5/2018)
- Applicant's meeting (5/17/2018)
- First Notice of Deficiency (7/18/2018)
- Response to NOD (9/17/2018)
- Public information session (10/11/2018)



Proposed
Eastern
Expansion

Buell Rd

27

INTERSTATE
275

Struble Rd



Proposed Eastern Expansion

	Current Permit	Permit Application	Total
Limits of Waste	330 Acres	240 Acres	570 Acres
Volume	91,000,000 CY	105,000,000 CY	196,000,000 CY
Current Height: 1,058 Feet MSL	1,075 FT	1,200 FT	
Life of Landfill			
10,000 tons/day (Anticipated)	5.5 years	25.3 years	30.8 years
12,500 tons/day (Maximum)	4.4 years	20.2 years	24.7 years



Buell Rd

Proposed
Eastern
Expansion

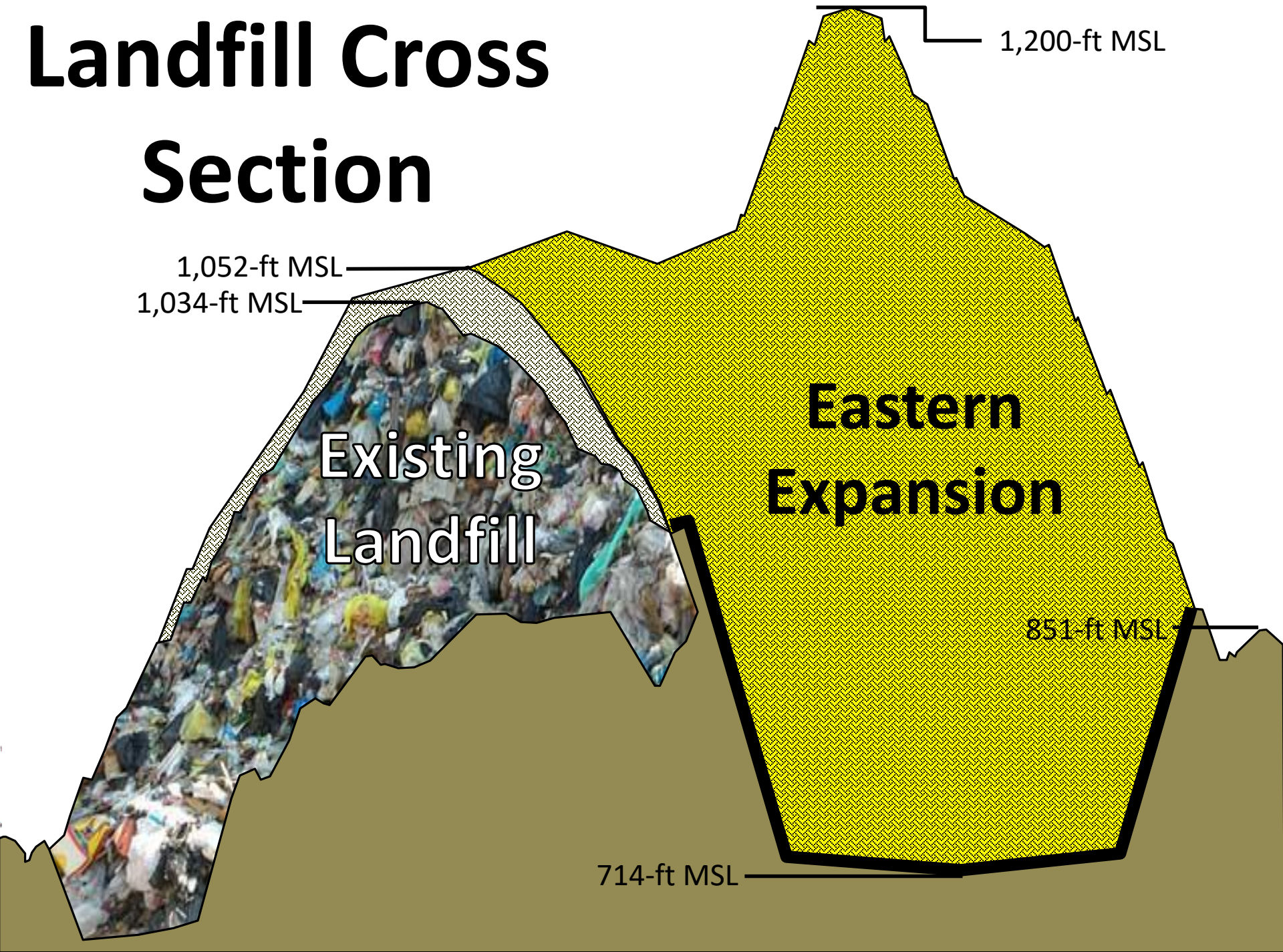
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275

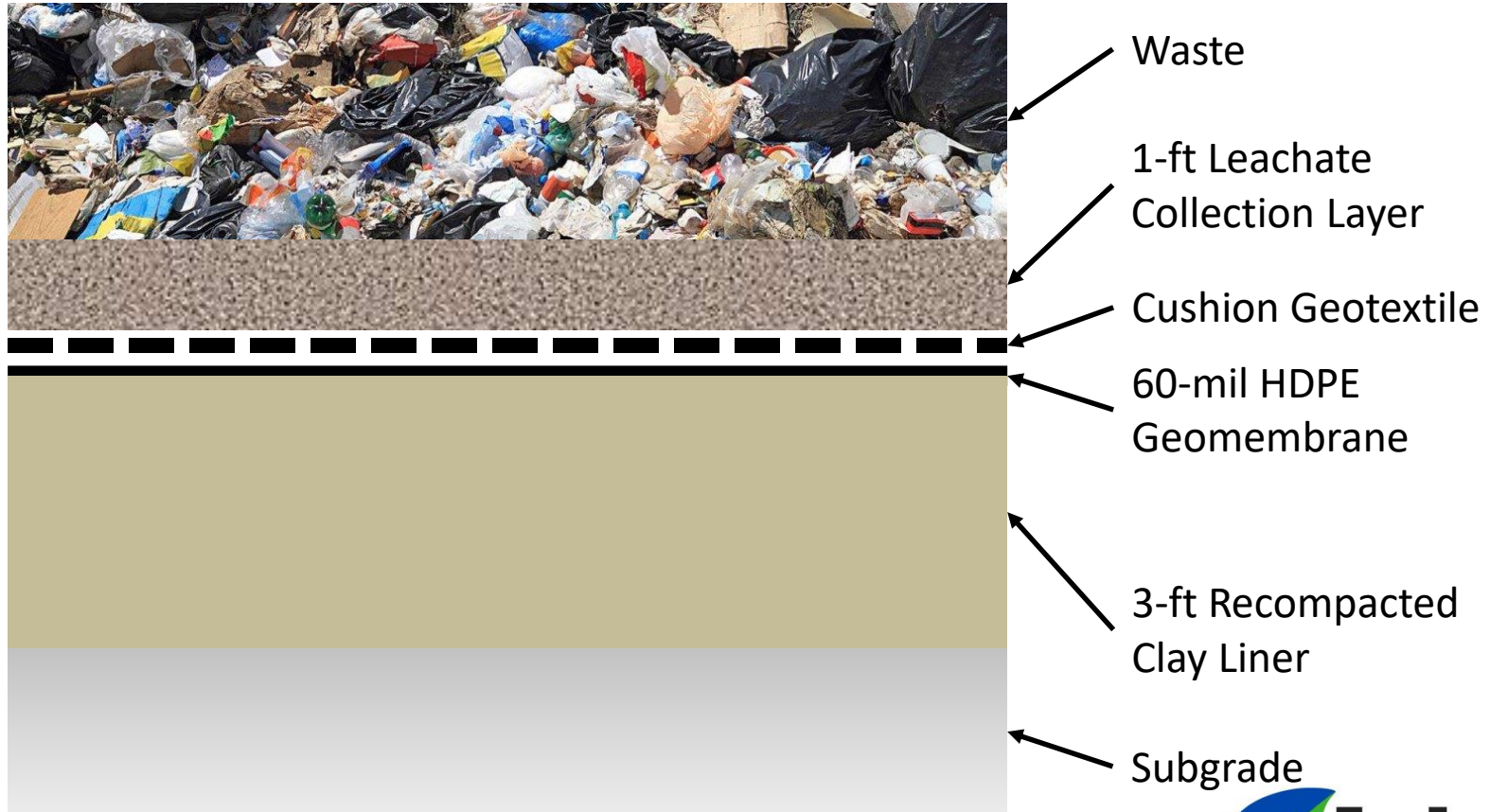
Struble Rd



Landfill Cross Section



Liner Cross Section

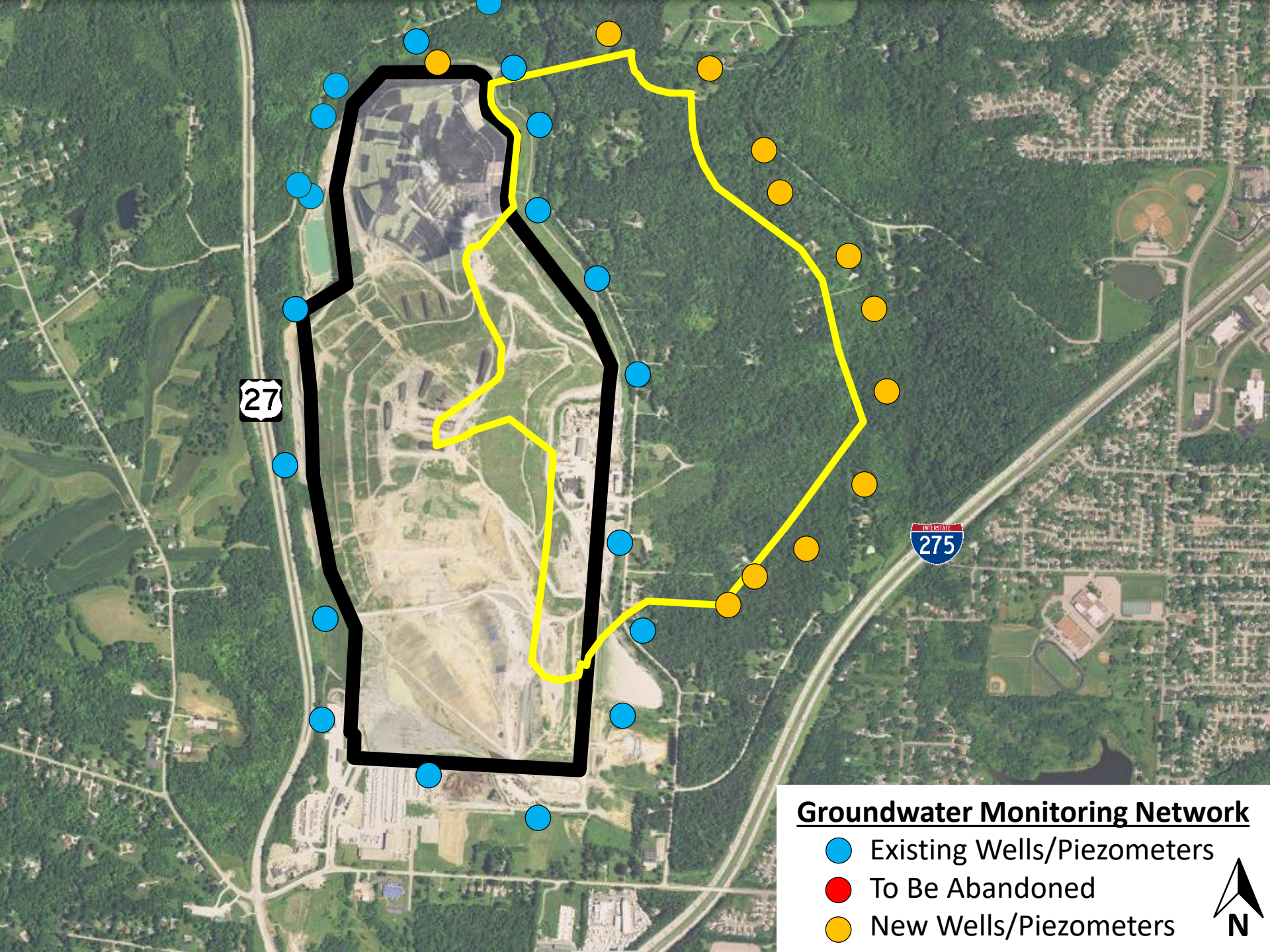


Monitoring and Compliance



Monitoring and Compliance

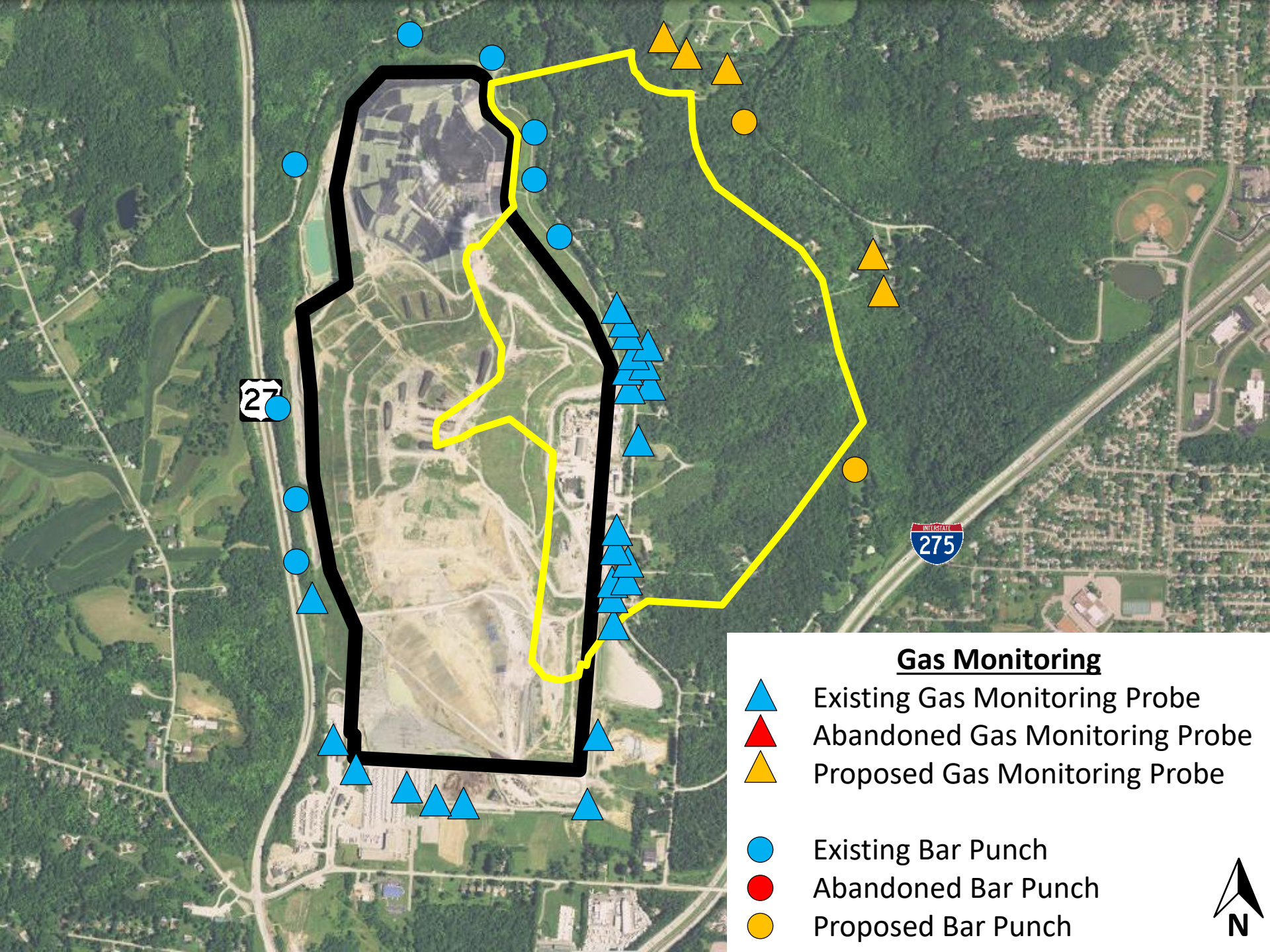
- Inspections and Reporting
- Closure, Post-Closure
- Financial Assurance
- Ground Water Monitoring
- Gas Monitoring



Groundwater Monitoring Network

- Existing Wells/Piezometers
- To Be Abandoned
- New Wells/Piezometers





Additional Permits Needed

- Air
 - Submitted (4/10/18)
 - Requesting separate permit for gas processing facility
- 401 Water Quality Certification
 - Approved (8/2/18)
- NPDES Modification
 - Submitted (8/28/18)
- U.S. Army Corps 404 Wetlands Permit

What's Next?

- Possible NOD(s)
- Draft action
- Public hearing
- Response to comments
- Ohio EPA director issues or denies final PTI

Public Involvement Opportunities

- Sign up for contact list
- Attend public hearing on draft action
- Participate during the public comment period

Where is the application available?

PTI application available for review

- Ohio EPA Southwest District Office, Dayton
- Rumpke Sanitary landfill
- <http://edocpub.epa.ohio.gov/publicportal/viewdocument.aspx?docid=802441>

Contact Information

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Comments

Ohio EPA

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Questions?