

# Jeffersontown Water Quality Treatment Center Elimination Plan

IOAP Public Input Meeting  
May 14<sup>th</sup>, 2013

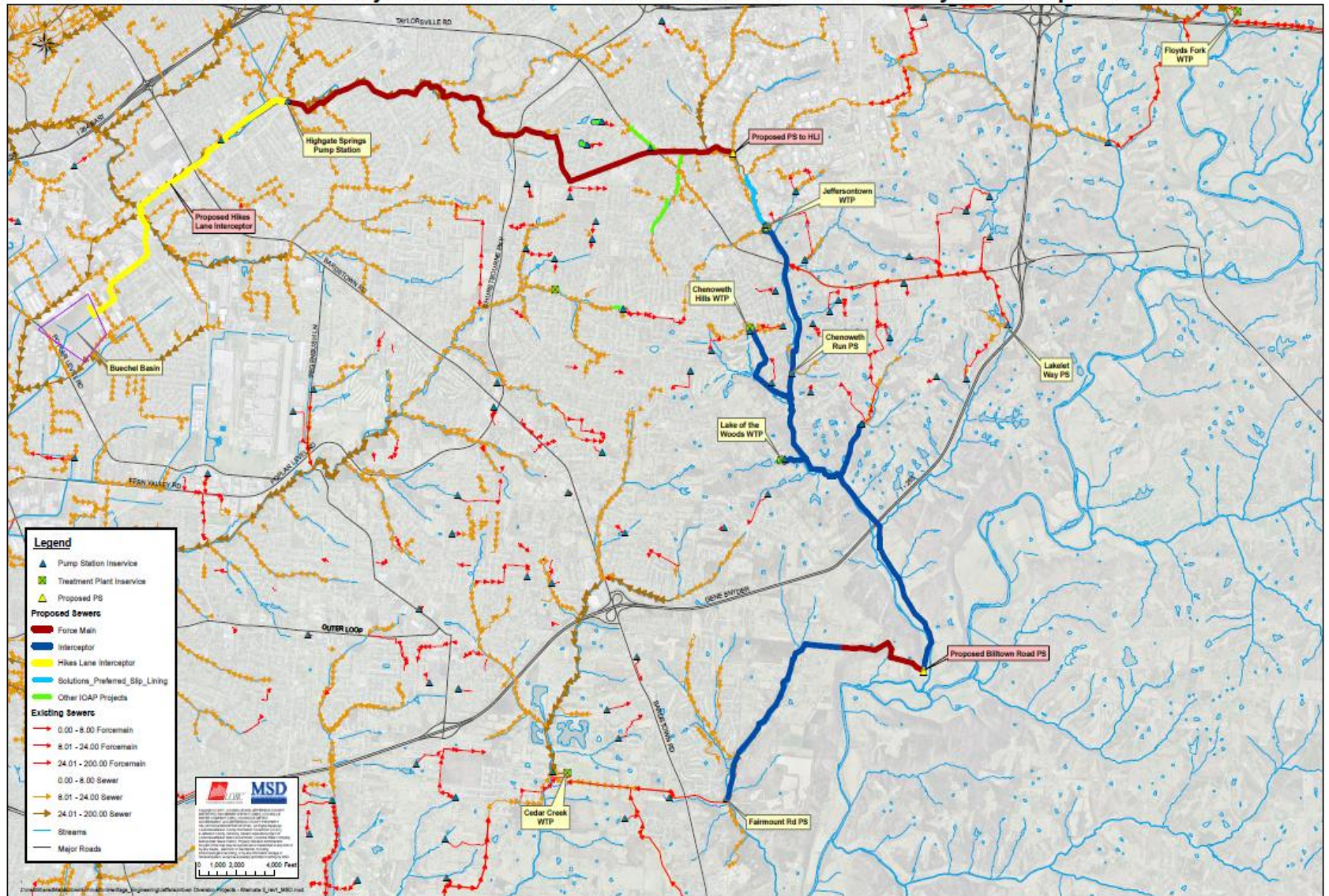


# Overview

- Communicate
  - Last update on Jeffersontown elimination 5-15-12
  - Overview previous input opportunities
  - Review current project status
  - Discuss addition/revision to plan
- Provide Input Opportunity
  - Fairmont Road Pump Station/Storage Basin appearance and landscaping/screening plan.



# Jeffersontown Diversion Projects: Alternate 3 - Public Works PS to HLI & Gravity and Pumped to Cedar Creek



# Jeffersontown Plant Elimination & Related Projects Summary

## Benefits includes elimination of:

- Three treatment plants:
  1. Jeffersontown
  2. Chenoweth Hills
  3. Lake of the Woods
- Five Pump Stations:
  1. Chenoweth Run
  2. Chippewa
  3. Valley Park
  4. Magnolia View
  5. St. Rene
- Provides potential gravity outlet for seven additional existing pump stations.



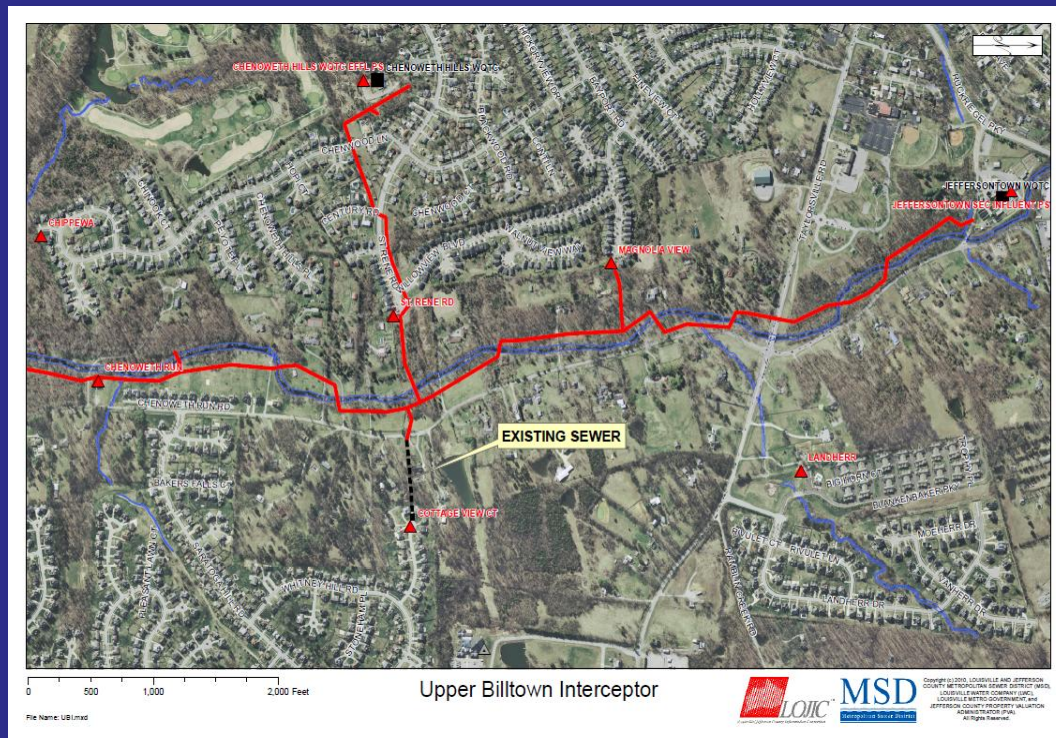
# Jeffersontown WQTC Elimination

- Eliminated by December 31, 2015



# Upper Billtown Interceptor

- Construction begin Fall 2013



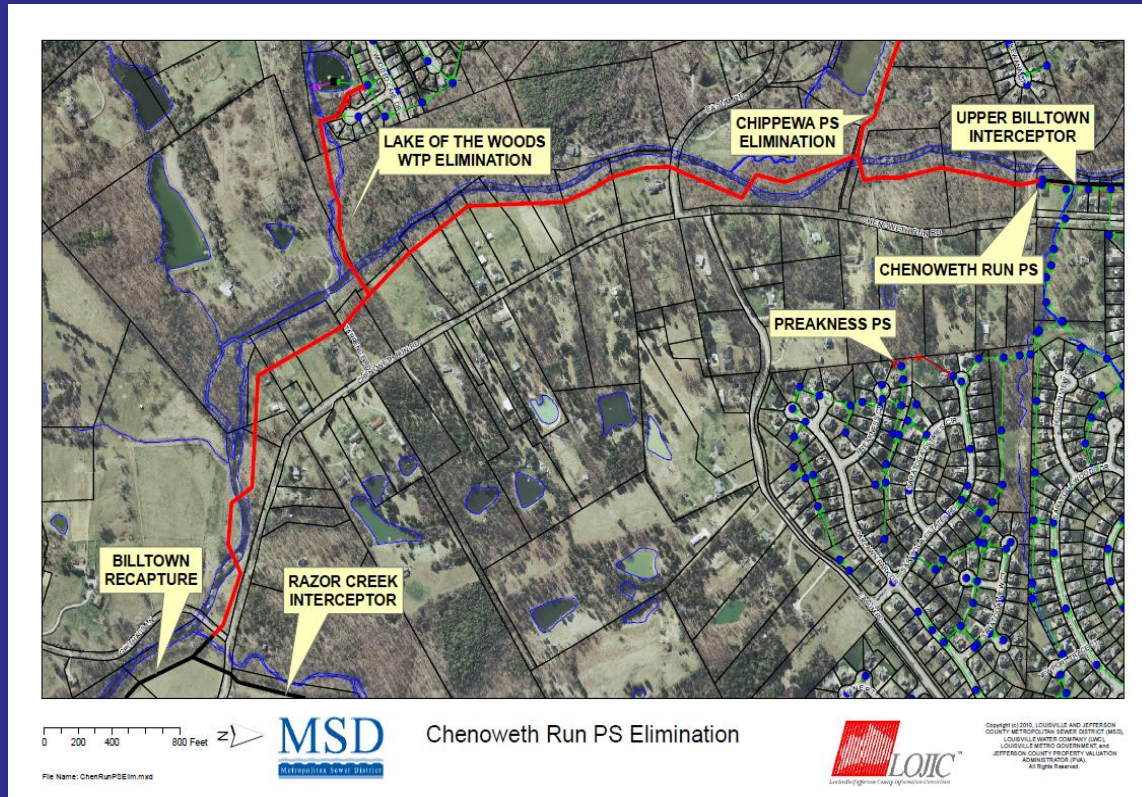
# Chenoweth Hills WQTC Elimination

- Construction begin Fall 2013



# Chenoweth Run Pump Station Elimination

- Under Construction



Chenoweth Run PS Elimination





# Lake of the Woods WQTC Elimination

- Under Construction



# Billtown Interceptor – South Section

- Complete Summer 2012



# Seatonville Road Pump Station – South Section

- Completed Summer 2012



# Seatonville Road Force Main – South Section

- Completed Summer 2012



# Broad Run Interceptor – South Section

- Completed Fall 2012



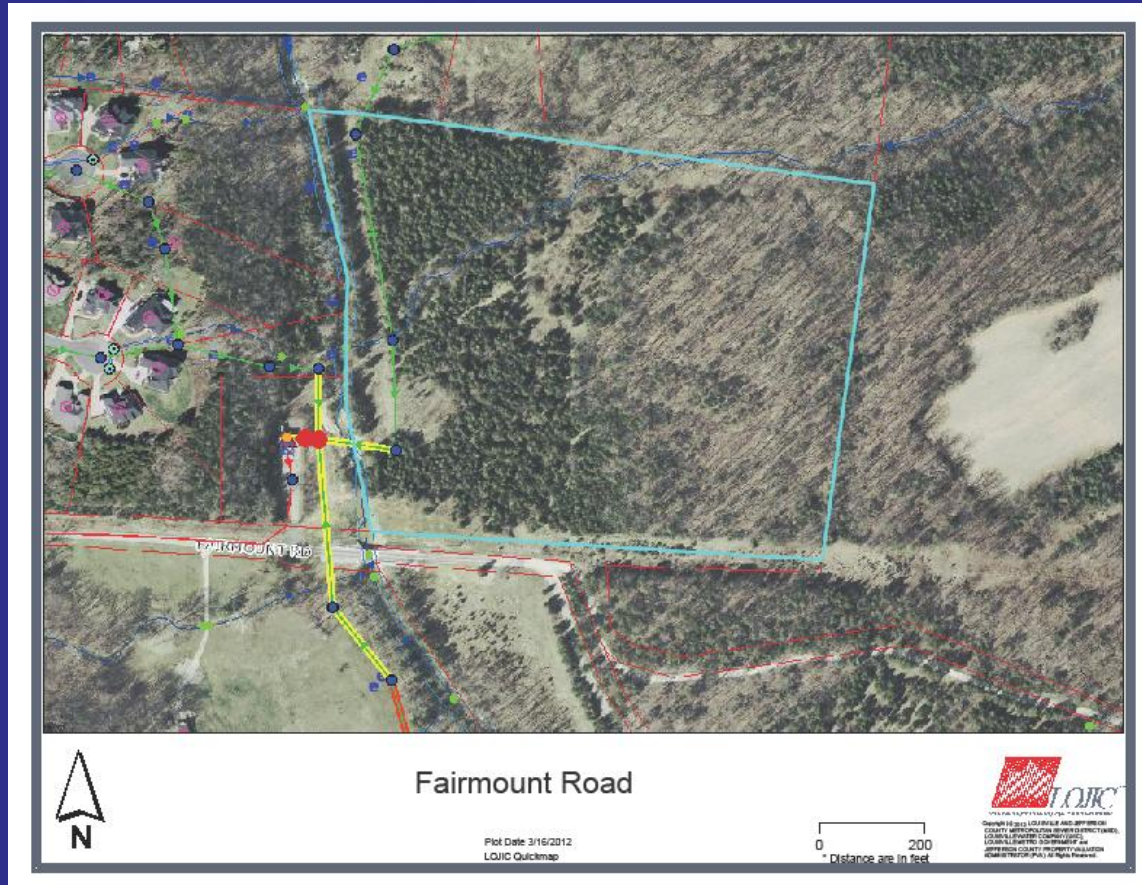
# IOAP Revision

- IOAP Amendment recognized a need for additional wet weather storage/treatment capacity in the Chenoweth Run/Big Run/Cedar Creek Watershed.
- Storage is most economical solution and allows MSD to operate within the treatment capacity of the Cedar Creek WQTC
- After a review of alternatives and of vacant parcels of property, a property adjacent to the existing Fairmount Road Pump Station was selected as suitable for the need. This property was also listed for sale at the time.

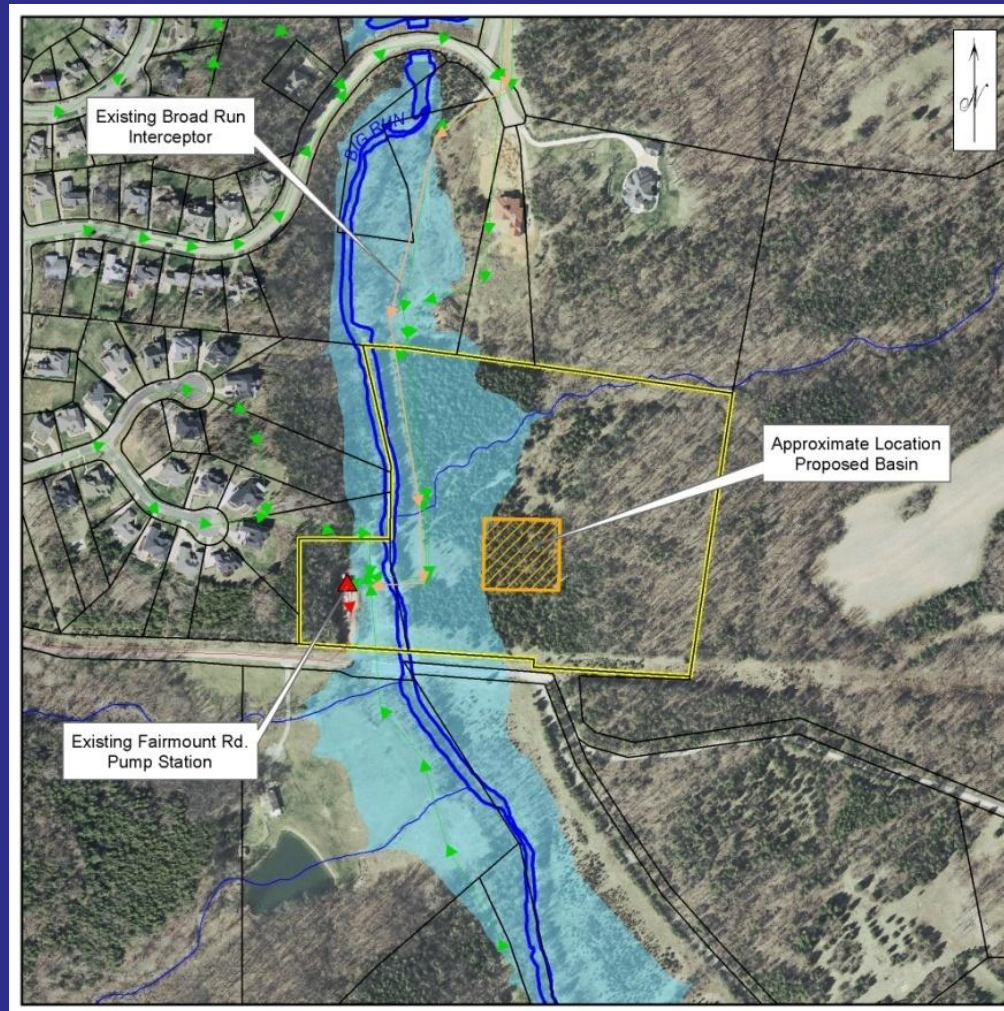


# Fairmount Road Property Purchase

- MSD purchased approx. 15.5 acres in 2012



# Fairmount Road Off-line Storage





# Jeffersontown Elimination South Section Construction Completion Dates

June 2012 – Billtown Interceptor - **COMPLETE**

July 2012 – Broad Run Interceptor - **COMPLETE**

August 2012 – Seatonville Pump Station & Force Main - **COMPLETE**

October 2013 – Chenoweth Run Pump Station Elimination

Lake of the Woods WQTC Elimination

Chippewa Pump Station Elimination

**UNDER CONSTRUCTION**

June 2014 – Upper Billtown Interceptor

Chenoweth Hills WQTC Elimination **DESIGN**

December 2015 – Jeffersontown WQTC & Siphon Elimination and  
Fairmount Road Off-line Storage Basin. **DESIGN**



# Jeffersontown Plant Elimination & Related Projects – North & South Sections

Total Cost Estimate = \$47.5 Million

## Benefits Include:

- Improved water quality in Chenoweth Run Creek and Floyds Fork Creek by elimination of plant effluent (three treatment plants).
- Reduces wet weather discharges by addressing SSO's during heavy rain events.
- Saves annual operating cost from 3 plants and 5 pump stations (\$250,000 per year).
- Prevents future upgrade cost of existing plants.
- Plans for the future growth and potential regional solution.



# Public Input Opportunity

- Fairmount Road Off-Line Storage Basin
  - Building appearance
  - Landscaping/screening plan
- Special restoration considerations



# Public Input Sought

- Comment tonight (written or video)
- Provide comments by June 15, 2013
- Send comments via email  
[commentsIOAP@msdlouky.org](mailto:commentsIOAP@msdlouky.org)
- Mail comments  
MSD IOAP Project Comments  
Attention: Project WIN Program Manager  
700 West Liberty St.  
Louisville, KY 40203

