



*Louisville and Jefferson County Metropolitan Sewer District*  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

December 12, 2011

██████████  
Angora Ct.  
Louisville, KY 40206

Subject: Integrated Overflow Abatement Plan (IOAP)  
Public Input Meeting September 27, 2011  
Response to comments

Dear ██████████

Thank you for taking the time to attend the meeting and submit your comments relative to I-64 & Grinstead Drive storage basin project. Your comments are addressed below, and your comment form is attached for reference.

**Comment 1** –requested more information about the I-64 & Grinstead Drive storage basin, specifically about the size of the basin and asked why that size keeps changing.

**Response to comment 1**

Your statement that the I-64 & Grinstead Drive basin size has been recalculated based on actual system flow measurements is accurate. MSD's approved LTCP dated September 30, 2009, states that the sewer models utilized to size the overflow abatement projects would be re-calibrated periodically to more closely represent true system functionality, as more field monitoring data is gathered. The recent re-calibration effort occurred after MSD installed additional monitoring equipment throughout its 3,200 mile sewer system and gathered data characterizing system function under various real world conditions. Following this effort, the overflow abatement projects are being re-assessed to ensure appropriate sizing of infrastructure to meet regulatory compliance targets. Refer to the compliance monitoring approach that outlines this process in the IOAP Volume 1, Chapter 6, Section 5, which has been included as an attachment.

MSD will continue the aggressive expansion of our sewer and environmental monitoring system for use in re-calibrating its sewer models periodically, assessing drainage area and stream health characteristics and ensuring, to the best of our ability, that the overflow solutions, both green and gray, are sized appropriately.



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The revised I-64 & Grinstead basin projected size and cost, as well as other CSO LTCP project revisions, will be presented to the public at the next Public Input Meeting scheduled for January 24. Projects will continue to be refined as additional system information is gathered and model enhancement is completed.

**Comment 2** - mentioned that you had heard of alternatives to the basin and wanted to know more about those alternatives and if MSD is considering them.

**Response to comment 2**

The I-64 & Grinstead Drive basin has not yet been sized with the anticipated implementation of a large green stormwater infrastructure program in the surrounding drainage basin. As approved in the IOAP, this particular basin must be constructed by December 31, 2014. The drainage area for this basin is very large and highly impervious. Some level of green infrastructure implementation is conceptually feasible; however, the effort required for planning, design, construction and post construction monitoring to determine stormwater inflow reductions necessary to complete the gray to green right-sizing effort will take several years to complete. For this effort to be realized, a request to EPA/KDEP for basin construction schedule modification would be required so that green infrastructure can be planned and constructed in this area to achieve some overflow reduction, which could work in conjunction with the planned storage basin. MSD is actively seeking green partners throughout the combined system to implement green practices and discussing possible schedule revisions with its regulators.

MSD is currently analyzing the use of targeted green stormwater infrastructure and the potential for achieving the same overflow reduction targets as the offline storage basins in several CSO subbasin areas. Due to the magnitude of the combined sewer system and number of overflow locations (103), it was necessary to prioritize pilot areas for analysis. These basins were selected where green practices could be implemented in a relatively short time frame and monitoring data can be gathered to analyze the collective efficacy of these practices in achieving regulatory overflow reduction targets. The results of this analysis, and its comparison with comparable gray infrastructure, will be published once completed. Lessons learned from these initial areas will then be applied to others.

**Comment 3**- suggested that MSD has not been communicating with the public about this project and that requests are not being heard.

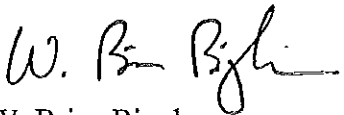
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**Response to comment 3**

MSD has implemented the IOAP Public Review and Input Meetings like the one held on September 27, 2011, to obtain community input on Consent Decree projects as they move through the planning, design and construction process. MSD invites you attend the next meeting scheduled on Tuesday, January 24, 2012. The meeting will be held at the Kentuckiana Girl Scouts Headquarters on Lexington Road at 6:30 pm.

This letter will be posted on MSD's Project WIN web page at the link [www.msdlouky.org/projectwin](http://www.msdlouky.org/projectwin).

Sincerely,

A handwritten signature in black ink, appearing to read "W. B. Bingham". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

W. Brian Bingham  
Regulatory Services Director

# MSD

Metropolitan Sewer District



## IOAP Public Outreach Meeting

September 27, 2011

3:00 P.M.

### CUSTOMER INFORMATION

Name (Last, First) \_\_\_\_\_

Address \_\_\_\_\_ ANGORA CT Zip Code 40226

Work Phone \_\_\_\_\_ Home Phone \_\_\_\_\_

Cell-Phone \_\_\_\_\_

*Called Nov 8.  
2pm.*

### LOCATION OF REQUEST

Address \_\_\_\_\_ Zip Code \_\_\_\_\_

Owner [ ] Tenant [ ] Other [ ]

### REQUEST TYPE

[ ☒ ] Construction issues [ ] public consultation

[ ] Drainage Related [ ] \_\_\_\_\_

[ ☒ ] Sanitary Sewer Related [ ] \_\_\_\_\_

### REQUEST DESCRIPTION

(1-64 grinstead basin) Wants more information  
\*Size? \*alternatives to the basin.  
- poor communication, lack of hearing requests  
- "public doesn't know enough to ask intelligent questions."  
Response: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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