



Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

July 6, 2012

██████████
Portland NOW
██████ St. Cecilia Street
Louisville, KY 40212

Subject: Integrated Overflow Abatement Plan (IOAP)
Public Input Meeting May 10, 2012
Response to comments

Dear ██████████

Thank you for taking the time to prepare and submit written comments relative to the 18th and Northwestern Parkway storage basin project, and specifically partnering opportunities within Portland. Your comments are summarized below, and your comment sheet is attached for reference.

Comment 1 - Please communicate plans for IOAP projects to the Portland NOW neighborhood group.

Response to Comment 1 - MSD will continue to provide information to the neighborhoods impacted by the IOAP projects. There is currently an on-going effort to reach out to residential, industrial, and commercial entities to incorporate green infrastructure into development and redevelopment projects within the CSO 190 and CSO 19 (Portland areas) basins to offset proposed basin projects. Green infrastructure provides opportunities for storm water to be diverted away from the combined sewer system and directed to more natural controls on site. A meeting with key stakeholders in Portland is being planned for July 2012. Portland NOW will be extended an invitation to this information and outreach presentation, and asked to provide comments on the plans for the area.

Comment 2 - Please provide information on rain barrels to the Portland NOW neighborhood group.

Response to Comment 2 – There are various methods to reduce the inflow of storm water to the combined sewer system. Rain barrels, rain gardens, and other forms of green infrastructure provide opportunities for rain water to be captured, stored, treated, infiltrated, or absorbed by plants prior to running off to system inlets. These green systems are greatly encouraged, and are in some cases incentivized by MSD.

Please see the attached MSD Rain Garden manual with information on design and preferred plants for capture of rainfall, the MSD Rain Barrel Brochure, as well as the MSD Green



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

Letter to [REDACTED]
July 2, 2012
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Infrastructure Incentives and Savings Brochure that outlines how non-residential properties can build green practices to reduce overflows. We have also attached the listing of vendors from the MSD website for rain barrels. It is important to note that many hardware and home improvement stores now have rain barrels available. Please see the attached Homeowner's Maintenance and Installation Guide for Rain Barrels for instruction on proper protocols to maximize the life and effectiveness of your rain barrel.

This letter and the attached comment form will be posted on MSD's Project WIN web page at the link <http://msdprojectwin.org/Public-Input.aspx>.

Sincerely,



W. Brian Bingham
Regulatory Services Director

Attachment: Comment Form, MSD Rain Garden Manual, Green Infrastructure Incentives and Savings Brochure, Rain Barrel Vendor List (from msdlouky.org), Homeowner's Maintenance and Installation Guide for Rain Barrels, MSD Rain Barrel Brochure



IOAP Public Outreach Meeting

5/10/2012
(date)

To Be Completed by the Customer

Customer Name (Last, First) [REDACTED]
Address [REDACTED] St. Cecilia St. Zip Code 40212
Cell Phone _____ Work Phone _____

LOCATION OF REQUEST

Address _____ Zip Code _____
Owner Tenant Other

REQUEST TYPE

- MSD Construction
- IOAP Project/Program
- Drainage
- General MSD concern
- Sanitary Sewer
- _____
- Development
- _____

REQUEST DESCRIPTION

PLEASE COMMUNICATE TO 'POINTING NOW' IOAP PROJECTS,
AND PROVIDE RAIN BARREL INFORMATION TO THE GROUP.

To Be Completed by an MSD Representative

MSD Responder: WES SYDNOR Division: RS

Response Provided to Customer: MSD contact information provided; and
Requested customer to E-mail with the Rain Barrel
Request. MSD Rep. committed to provide Rain Barrel
Supplier contact information.

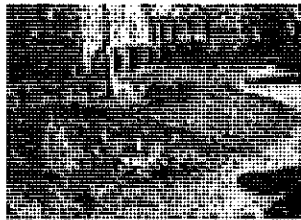
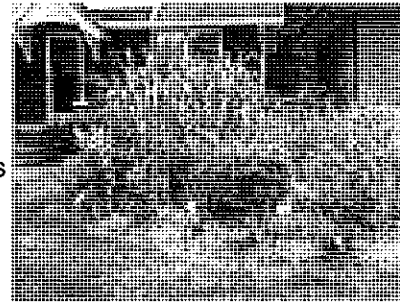
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Rain Gardens

Rain gardens infiltrate storm water runoff by catching runoff before it reaches the storm drains. Diverting storm water into rain gardens from our roofs and other hard surfaces such as driveways or patios, helps improve the water quality of our local streams and at the same time creates functioning gardens which support biodiversity.



The rain gardens at 2105 and 2107 Dorothy Street

When sized and constructed properly, rain gardens are able to handle the amount of storm water produced in an average event. One inch of rain, covering an average 30' X 50' roof surface = 1,500 square feet or 935 gallons of water!

MSD gathered information from other communities that are known for their rain garden programs and developed a Rain Garden Manual specifically for the

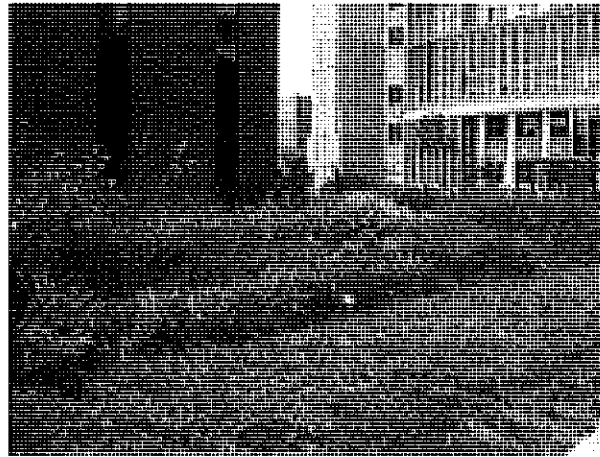
Louisville area. A 3rd Edition is now available to download (PDF, 5.3M) or a hard copy version can be obtain at MSD's Main Office or by calling Customer Relations at 587- 0603 and requesting one.

If you are interested in seeing a rain garden, visit the gardens below:

- MSD Main Office, 700 W Liberty Street
- 2105 and 2107 Dorothy Street
- 1850 and 1852 Harvard Street
- 2379 Gladstone Avenue
- The Louisville Nature Center, 3745 Illinois Avenue
- The Americana Community Center, Southside Drive
- 2817 Brownsboro Road
- 3213 University Road
- Brandeis Apartments/New Directions, 26th & Date Street
- Jackson Woods Apartments/New Directions, 1013-1039 Jackson Street
- John Paul II Elementary School, Goldsmith Lane



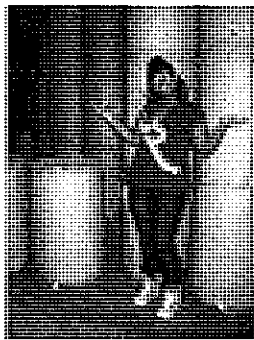
Americana Landscape Crew, who manage the rain garden at the Americana Community Center



Large Rain Garden at MSD Building

If you are interested in having Phyllis Croce give a presentation on how we can help manage urban storm water through rain gardens to your neighborhood association, gardening club or civic group, call her at 540.6456 to schedule.

Rain Barrels



Large Rain Barrel with Rain Barrel

Rain barrels collect and store rain water from your roof top to use later for watering your garden or lawn. Since introducing the concept of rain barrels in April 2006, MSD has placed approximately 400 throughout the community. Each barrel provides storage for 58 gallons of water.

Due to an increase in demand for rain barrels, MSD has partnered with a local vocational group, Louisville Youthbuild to convert the food-grade barrels into rain barrels. The process allows Youthbuild students to gain construction skills. MSD provides the barrels, parts, and adaptors for construction.

Through the Louisville Nature Center rain barrels are assembled for public sale. To assist with sale and distribution of the barrels MSD has partnered with the Louisville Nature Center (LNC) to reserve, sell, and schedule pick up times. The cost of one rain barrels is \$70, or \$65 for 2 or more barrels. Each rain barrel comes with installation and maintenance instructions. The LNC phone number is 458-1328 and is located across from the Louisville Zoo at 3745 Illinois Avenue.

While MSD doesn't promote specific rain barrel vendors, company names and contact information is being provided to assist the public in their rain barrel purchase.

In the Metro Louisville area, contact:

- Dropseed Native Plant Nursery: <http://www.dropseednursery.com>
- Bluegrass Green Co. <http://www.bluegrassgreenco.com>
- Amazing Green Planet <http://www.amazinggreenplanet.com>
- J & J Pallet cathies@jjpallet.com
- 15 Thousand Farmers <http://www.15thousandfarmers.com>

For an out of state contact:

- Aaron's Rain Barrels: <http://www.ne-design.net>

For a source of used whiskey and wine oak barrels that are suitable for use as rain barrels, Kelvin Cooperage. Contact: <http://www.kelvincooperage.com>

Of course we encourage research of the Internet for other sources, outlets and other information on rain barrels. Contact: <http://www.kentuckypride.com>

Last Updated: April 18, 2012

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