

# FAX TRANSMITTAL

## Office of the City Clerk

Coleman A Young Municipal Center  
Two Woodward Avenue, Suite 200  
Detroit, Michigan 48226  
Telephone: (313) 224-2070 Fax: (313) 224-2075

Monday, September 08, 2014

No. of Pages 5

FROM: *Mr. Andre Gilbert II, Junior Assistant City Council Committee Clerk*

SUBJECT: *Petition #399, EnviroSolutions, request for installation of permanent monitoring wells, recovery wells and underground piping in the ROW for Berg Road, Cherokee Street and Alley East of Berg Road, South of Property located at 22645 W. Eight Mile Road, Detroit, MI.*

### FAX TO THE FOLLOWING DEPARTMENT(S):

Mr. Richard Doherty, City Engineer

DPW - City Engineering Division

(313) 224-1464

Attachment

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341/342

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**City of Detroit**  
OFFICE OF THE CITY CLERK

Janice M. Winfrey  
City Clerk

Robin R. Underwood, CMC  
Deputy City Clerk

**DEPARTMENTAL REFERENCE COMMUNICATION**

*Monday, September 08, 2014*

*To: The Department or Commission Listed Below*

*From: Janice M. Winfrey, Detroit City Clerk*

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The following petition is herewith referred to you for report and recommendation to the City Council.

In accordance with that body's directive, kindly return the same with your report in duplicate within four (4) weeks.

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DPW - CITY ENGINEERING DIVISION

**399**     *EnviroSolutions, request for installation of permanent monitoring wells, recovery wells and underground piping in the ROW for Berg Road, Cherokee Street and Alley East of Berg Road, South of Property located at 22645 W. Eight Mile Road, Detroit, MI.*

**EnviroSolutions™**



September 4, 2014

The Honorable City Council  
Attn: Office of the City Clerk  
200 Coleman A. Young Municipal Center  
Detroit, MI 48226

**RE: Petition Request for installation of permanent monitoring wells, recovery wells and underground piping in the ROW for Berg Road, Cherokee Street and Alley East of Berg Road, South of Property located at 22645 W. Eight Mile Road, Detroit, MI**

Dear Honorable City Council,

EnviroSolutions, Inc. (EnviroSolutions) submits this petition request to install permanent monitoring wells, recovery wells, and underground piping within the Berg Road and Cherokee Street Right-of-Way (ROW) and within an alley located east of Berg Road, in the City of Detroit. Specifically, the proposed permit area is the Berg Road ROW (south of W. Eight Mile Road and north of Hessel Court), the Cherokee Street ROW (west of Berg Road), and in the alley on the east side of Berg Road (south of W. Eight Mile Road and north of Cherokee Street). This petition request to install permanent monitoring wells, recovery wells, and underground piping is associated with ongoing soil and groundwater remediation activities for the Former Total Station #4236 located at 22645 W. Eight Mile Road.

In June 2014, EnviroSolutions installed 7 temporary monitoring wells in the Berg Road ROW, the Cherokee Street ROW and in the alley east of Berg Road. In order to continue monitoring ongoing remediation efforts, EnviroSolutions proposes to install 7 permanent monitoring wells at the locations permitted under ROW Permit ENG2014-00390GR Issued 6/4/14, 4 permanent recovery wells, and underground piping to connect the new recovery wells to the existing remediation system (located at 22645 W. Eight Mile Road). The attached Sheet 1 identifies the locations of existing and proposed monitoring wells, recovery wells and underground piping.

The monitoring wells and recovery wells will be completed with flush-mount iron covers and concrete at the surface. Each recovery well will be connected to the existing remediation system with underground piping as shown on Sheet 1. The installation of underground piping will include trenches (approximately 3 feet wide by 4 feet deep) in

CITY CLERK 5 SEP 2014 4:12:47

399

EnviroSolutions, Incorporated

38115 Abruzzi Drive  
Westland  
MI 48185  
734.641.2700  
734.641.2775 Fax  
Info@envirosolutionsinc.net  
www.envirosolutionsinc.net

the west Berg Road ROW and in the Alley east of Berg Road. Trenching to install underground piping between the new recovery wells and the existing underground piping will be installed using both standard open-cut trenching (with a backhoe) as well as directional drilling. Piping under residential driveways will be installed using directional drilling techniques (horizontal boring). Standard open-cut trenching techniques will be required to make the connections between the recovery wells and the new underground piping as well as the connections between the new underground piping and the existing underground piping. The new underground piping for the recovery wells in the west Berg Road ROW will be connected to existing underground piping that crosses Berg Road; therefore, it will not be necessary to install any additional piping under Berg Road.

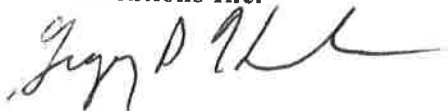
After monitoring well, recovery well, and underground piping installation is complete, all disturbed surfaces will be restored to the original condition. After installation is complete, EnviroSolutions will access the monitoring and recovery wells as needed in order monitor and optimize remediation system performance. (Activities conducted at each well may include: survey casing elevations, measure depth to groundwater, collect groundwater samples, measure vacuum influence, etc.)

EnviroSolutions anticipates it will take a maximum of 15 days to complete the work described above. EnviroSolutions will not conduct the work when local asphalt plants are not operating (since asphalt will be required to restore the surface of the alley at the completion of the work). EnviroSolutions expects to conduct the work between 8:00 AM and 6:00 PM and will not conduct work on Saturdays, Sundays or Federal Holidays.

If you have any questions or need additional information, please do not hesitate to contact me by email ([gkernosek@envirosolutionsinc.net](mailto:gkernosek@envirosolutionsinc.net)), by telephone at (734) 641-2700 or by mail at 38115 Abruzzi Drive, Westland, MI 48185.

Thank you for your consideration of this petition request.

Sincerely,  
**EnviroSolutions Inc.**



Gregory D. Kernosek, P.E.  
Principal Engineer

Attachments:

Sheet 1 – Proposed MW, RW & Trenching Layout Map

Cc: Mr. C. Shay Wideman – MRP Properties Company, LLC



