

City of Detroit
OFFICE OF THE CITY CLERK

Janice M. Winfrey
City Clerk

Vivian A. Hudson
Deputy City Clerk

DEPARTMENTAL REFERENCE COMMUNICATION

Thursday, April 19, 2018

To: The Department or Commission Listed Below

From: Janice M. Winfrey, Detroit City Clerk

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.

DPW - CITY ENGINEERING DIVISION
PLANNING AND DEVELOPMENT DEPARTMENT

296 *OPM Environmental, request to install one Groundwater Monitoring Well and Two Soil Gas Sampling Points Within the Alley South of 1830 East 8 Mile Rd.*



Corporate Headquarters
Lansing, Michigan
3340 Ranger Road, Lansing, MI 48906
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Michigan Locations
Berkley Bay City
Grand Rapids Detroit
Chesterfield Lansing

April 12, 2018

The Honorable City Council
200 Coleman A. Young Municipal Center
Detroit, MI 48226

RE: Request to Install One Groundwater Monitoring Well and Two Soil Gas Sampling Points Within the Alley South of 1830 East 8 Mile Road, Detroit, Wayne County, Michigan

Dear Honorable City Council,

PM Environmental, Inc. (PM) is under contract with Barrick Enterprises, Inc. (Owner) to investigate the extent of impact resulting from an open leaking underground storage tank (LUST) gasoline release (C-0191-17) at the BP gasoline dispensing station located at 1830 East 8 Mile Road in Detroit, Wayne County, Michigan (herein referred to as the Site).

PM is requesting approval to conduct subsurface work within the alley south of 1830 East 8 Mile Road as shown in the attached Figure 1. PM will install three soil borings to a total depth of 20 feet below ground surface to collect soil samples. Should groundwater be encountered, two of the soil boring locations will be converted to permanent groundwater monitoring wells. In addition, two in-boring soil gas sampling points will be installed adjacent to the soil boring locations (Figure 1). The investigation will begin as soon as the permit has been granted and will continue until Michigan Department of Environmental Quality regulatory closure is achieved. Following closure, all well and vapor point materials will be removed from the ground and the area returned to normal conditions.

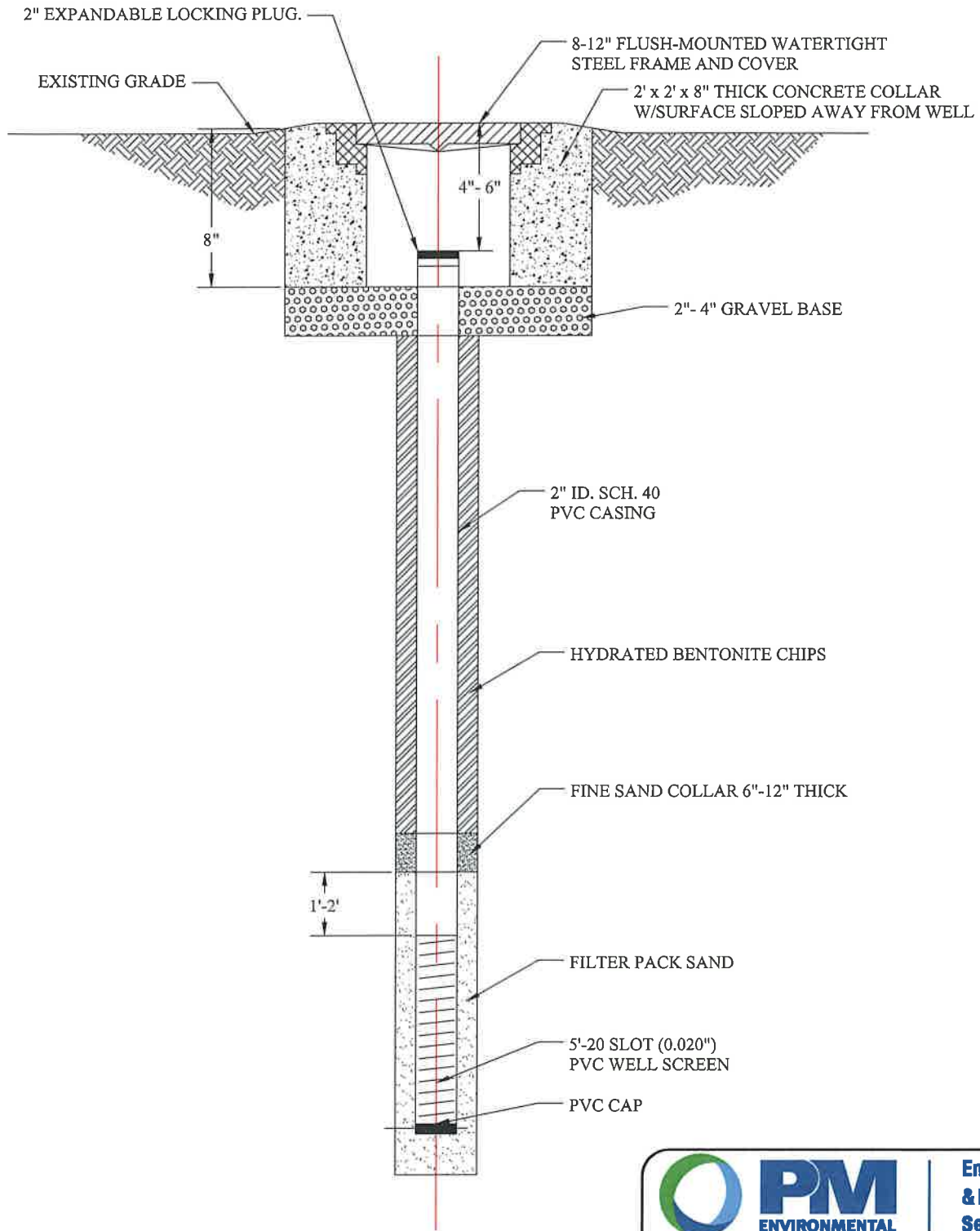
If you have any questions related to this petition, please do not hesitate to contact our office at (248) 336-9988 or via email at pappas@pmenv.com.

Sincerely,
PM Environmental, Inc.

Lena Pappas
Staff Geologist

Attached:

- Figure 1: Proposed Soil Boring/ Permanent Monitoring Well/ Soil Gas Sample Location Map
- Typical Soil Gas Sampling Point Diagram
- Typical Monitoring Well Construction Detail



WELL DETAIL

TYPICAL MONITORING WELL CONSTRUCTION
DETAIL

PROJ: TYPICAL

THIS IS NOT A LEGAL SURVEY	DRN BY: KS	DATE: 3/8/2018
VERIFY SCALE	CHKD BY: SZ	SCALE: NTS
0 NTS	FILE NAME: MONITORING WELL DETAIL	

IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

TYPICAL SOIL GAS DIAGRAM

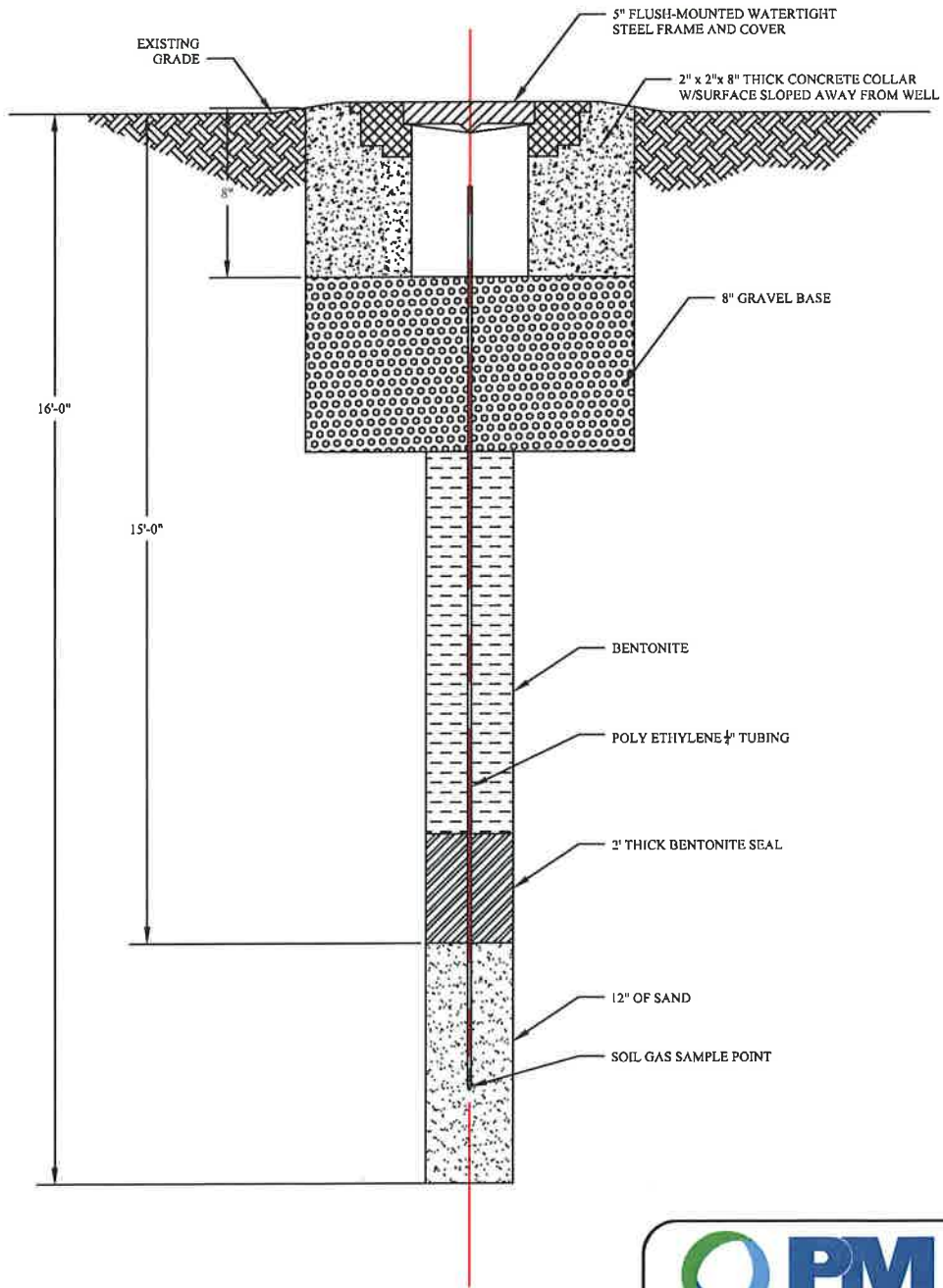


FIGURE X
TYPICAL SOIL GAS DIAGRAM

PROJ: SOIL GAS DIAGRAM

<p>THIS IS NOT A LEGAL SURVEY</p> <p>VERIFY SCALE</p> <p>0 NTS</p> <p>IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.</p>	DRN BY: CS	DATE: 4/12/2018
	CHKD BY: LP	SCALE: NTS
FILE NAME: SOIL GAS_1_17983_7856		

8 MILE ROAD

MARK STREET

1800 EAST 8 MILE ROAD
GOLDEN GREEK BAR

FORMER USED OIL UST

ALLEY

APPROXIMATE EXTENT OF
2017 EXCAVATION

FORMER FUEL OIL UST

SIDEWALK

PSB-15/SG

SG-2

ALLEY

20511 DEQUINDRE ROAD

DEQUINDRE ROAD

SIDEWALK

FORMER USTs

WATER (16" DIA x 5' DEEP)

LEGEND:

- SUBJECT PROPERTY
- APPROXIMATE FORMER/HISTORICAL SITE FEATURES
- FENCE
- WATER
- GAS
- OVERHEAD ELECTRIC LINE
- UNDERGROUND ELECTRIC
- STORM SEWER
- COMBINATION SANITARY / STORM SEWER
- TELE
- PHONE LINE
- PRODUCT LINE
- VENT LINE
- LIMITS OF UST BASIN
- VAPOR RECOVERY LINE
- 2017 EXCAVATION AREA
- CATCH BASIN
- SQUARE CATCH BASIN
- FUEL DISPENSER
- FORMER FUEL DISPENSER
- VENT PIPE
- FORMER BUILDING
- PROPOSED SOIL BORING / MONITORING WELL
- PROPOSED SOIL BORING / SOIL GAS SAMPLE
- PROPOSED SOIL GAS SAMPLE

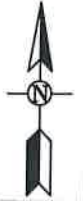


FIGURE 1
PROPOSED SOIL BORING / MONITORING WELL /
SOIL GAS SAMPLE LOCATION MAP

PROJ:			BP STATION 1830 EAST 8 MILE ROAD DETROIT, MI		
THIS IS NOT A LEGAL SURVEY		DRN BY:	KS/ES	DATE:	4/13/2018
VERIFY SCALE		CHKD BY:	LP	SCALE:	1" = 30'
IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		FILE NAME:	01-8797-1-004F00R00		

2018-04-18

296

296 *Petition of OPM Environmental,
request to install one Groundwater
Monitoring Well and Two Soil Gas
Sampling Points Within the Alley
South of 1830 East 8 Mile Rd.*

REFERRED TO THE FOLLOWING DEPARTMENT(S)

DPW - CITY ENGINEERING DIVISION
PLANNING AND DEVELOPMENT DEPARTMENT