



Corporate Headquarters  
Lansing, Michigan  
3340 Ranger Road, Lansing, MI 48906  
f: 877.884.6775  
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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.

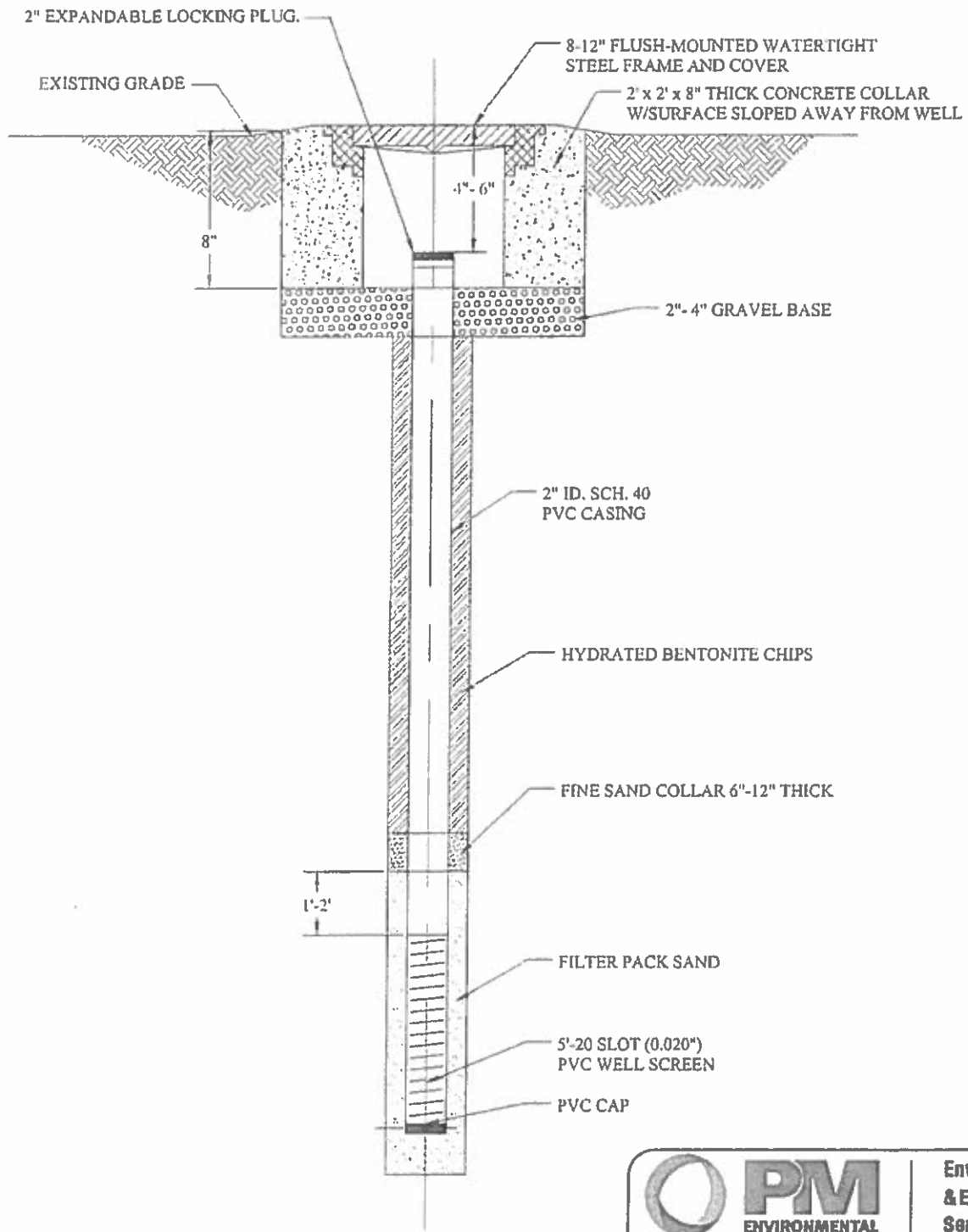
If you have any questions related to this petition, please do not hesitate to contact our office at (248) 336-9988 or via email at [pappas@pmenv.com](mailto:pappas@pmenv.com).


Sincerely,  
**PM Environmental, Inc.**

Lena Pappas  
Staff Geologist

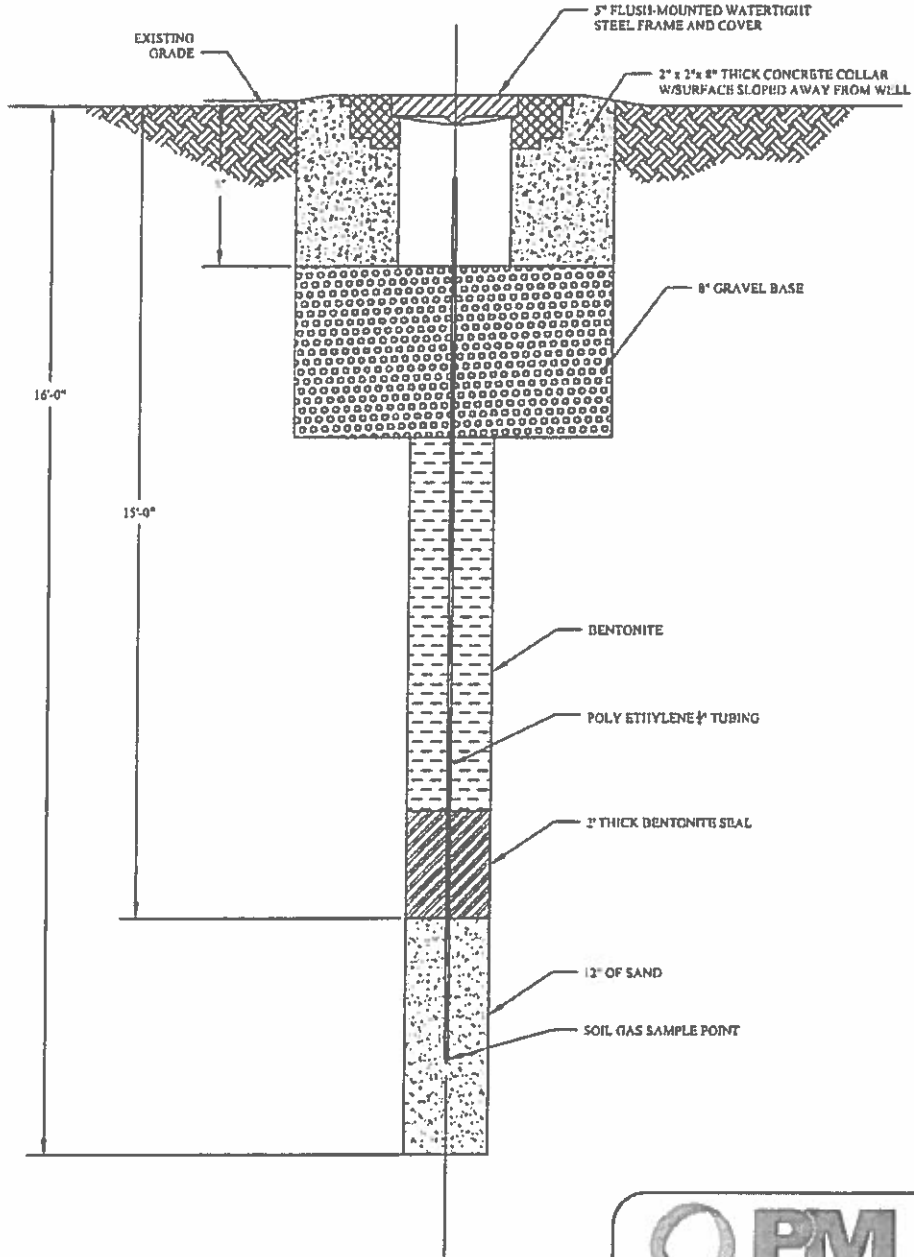
Attached:


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

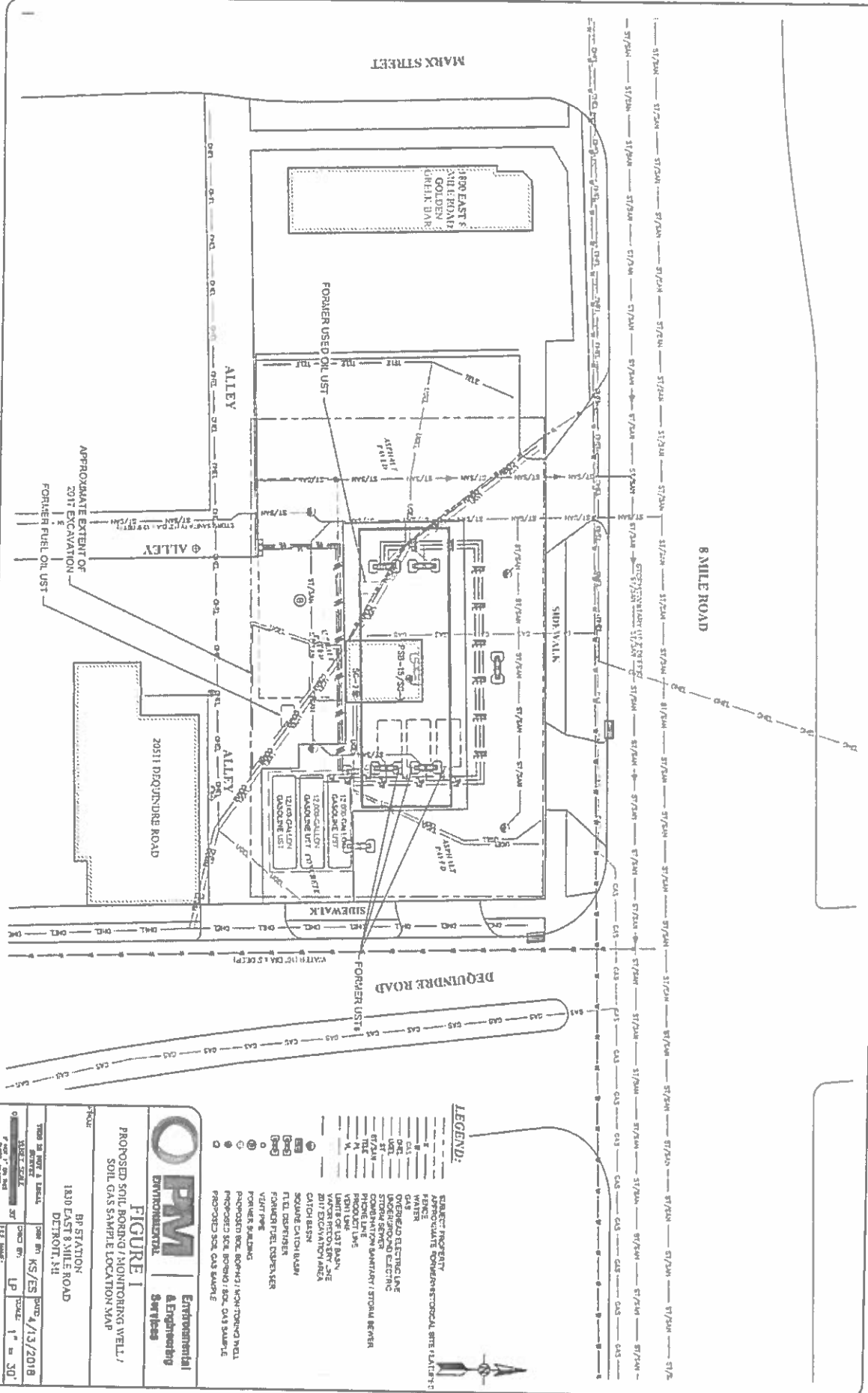


		<b>Environmental &amp; Engineering Services</b>
<b>WELL DETAIL</b> TYPICAL MONITORING WELL CONSTRUCTION DETAIL		
PROJ: TYPICAL		
THIS IS NOT A LEGAL SURVEY	DRN BY: KS	DATE: 3/8/2018
VERIFY SCALE: NTS	CHKD BY: SZ	SCALE: NTS
IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		FILE NAME: MONITORING WELL DETAIL

TYPICAL SOIL GAS DIAGRAM



		Environmental & Engineering Services
<b>FIGURE X</b> TYPICAL SOIL GAS DIAGRAM		
PROJ: SOIL GAS DIAGRAM		
THIS IS NOT A LEGAL SURVEY	DRN BY: CS	DATE: 4/12/2018
VERIFY SCALE	CHKD BY: LP	SCALE: NTS
IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.	FILE NAME: SOIL_GAS_1_17983_7856	



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

DATE: 01/13/2018	BY: [Signature]
PROJECT: 1830 EAST 8 MILE ROAD	CLIENT: BP STATION
SCALE: 1" = 30'	LOCATION: DETROIT, MI
PROJECT NO: 01-8797-1-004F00R00	DATE: 01/13/2018

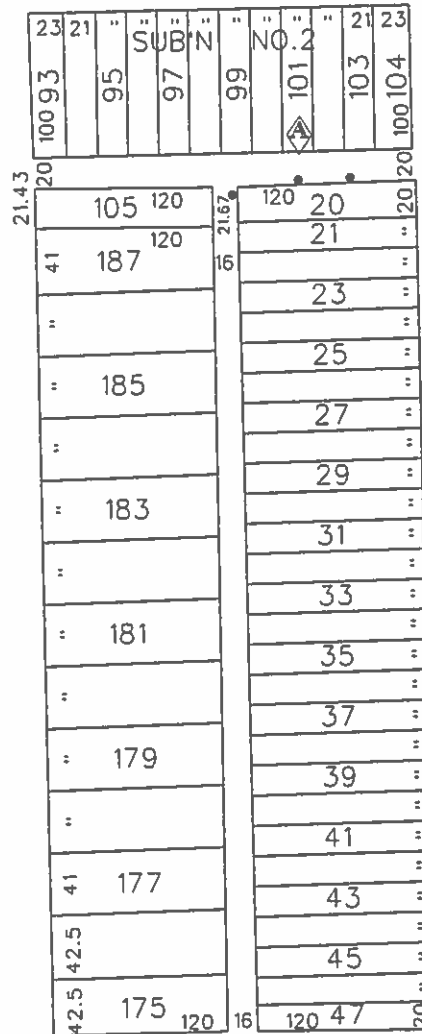
PETITION NO. 296  
 PM ENVIRONMENTAL  
 3340 RANGER RD.  
 LANSING, MICHIGAN 48906  
 C/O LENA PAPPAS  
 PHONE NO. 248 336-9988



E. EIGHT MILE RD. 204 FT. WD.

**"REVISED"**

MARX AVE. 75 FT. WD.



DEQUINDRE ST. 66 FT. WD.

WINCHESTER AVE. 50 FT. WD.



- REQUEST ENCROACHMENT  
 (With Monitoring Wells)

(FOR OFFICE USE ONLY)

CARTO 37 A

<b>B</b>						REQUEST ENCROACHMENT INTO THE EAST/WEST AND NORTH/SOUTH PUBLIC ALLEYS VARIOUS WIDTHS IN THE BLOCK BOUND BY DEQUINDRE ST., WINCHESTER, MARX AVE. AND E. EIGHT MILE RD. (With Monitoring Wells)	<b>CITY OF DETROIT</b> CITY ENGINEERING DEPARTMENT SURVEY BUREAU	
<b>A</b>	ADDDING A MONITORING WELL	WLW	KSM	KSM	10/2-1/18		JOB NO. 01-01	
DESCRIPTION		DRWN	CHKD	APPD	DATE		DRWG. NO. X 296	
DRAWN BY		REVISIONS						
DATE	05-29-18	CHECKED	KSM					
APPROVED								

# "REVISED"

City of Detroit

## City Engineering Division, Department of Public Works Survey Bureau

### NOTICE OF PROPOSED CHANGE IN PROPERTY

Date: 10/24/2018

Petition: x296

- |  |  |
|--|--|
| <input type="checkbox"/> AT&T Telecommunication            | <input type="checkbox"/> Berm Use                |
| <input type="checkbox"/> Comcast Television (CATV)         | <input type="checkbox"/> Conversion to Easement  |
| <input type="checkbox"/> Detroit Edison (DTE)              | <input type="checkbox"/> Dedication              |
| <input type="checkbox"/> Fire Department                   | <input checked="" type="checkbox"/> Encroachment |
| <input type="checkbox"/> Great Lakes Water Authority       | <input type="checkbox"/> Outright Vacation       |
| <input type="checkbox"/> Land Bank Authority               | <input type="checkbox"/> Temporary Closing       |
| <input type="checkbox"/> Michcon (DTE)                     |  |
| <input type="checkbox"/> Planning & Development Department |  |
| <input type="checkbox"/> Public Lighting Authority         |  |
| <input type="checkbox"/> Public Lighting Department        |  |
| <input type="checkbox"/> Police Department                 |  |
| <input type="checkbox"/> Solid Waste Division, DPW         |  |
| <input type="checkbox"/> Street Design Bureau, DPW         |  |
| <input type="checkbox"/> Street Maintenance Division, DPW  |  |
| <input type="checkbox"/> Traffic Engineering Division, DPW |  |
| <input type="checkbox"/> Water and Sewerage Department     |  |
| <input type="checkbox"/> _____                             |  |

A petition drawing is attached. Property shown on the attached print is proposed to be changed as indicated. Kindly report (using the back of this sheet) the nature of your services, if any affected by the proposed change and the estimated costs of removing and rerouting such services (if necessary).

Please return one copy to City Engineering Division, DPW within two weeks of the submittal date. Retain one copy and print for you file.

Ron Brundidge, Director, Department of Public Works

By: Richard Doherty, CED DPW  
City Engineer

TO: City Engineering Division, DPW  
2 Woodward Ave., Suite 642  
Detroit, Michigan 48226-3462  
Survey Bureau: 313-224-3970

Petition: x296  
**"REVISED"**

The proposed change in property (referred to on the other side of this sheet) would affect our services as follows:

- Not Involved
- Involved; but asking you to hold action on this petition until further notice.
- Involved; but no objections to the property change.
- Involved; objection to the property change.
- Involved; but no objections to the property change...provided as easement of the full width of the public right-of-way (street, alley or other public place) is reserved.
- Involved; the nature of our services and the estimated costs of removing and/or rerouting such services are:

Police Dept  
(Utility or City Department)

Charles Spruce  
By

SERGEANT  
Title

10/24/18  
Date

313 596-1118  
Area code - Telephone number

**APPROVED**  
OCT 24 2018  
*H. C. Webb*  
CAPTAIN  
ELEVENTH PRECINCT

**APPROVED**  
OCT 29 2018  
*[Signature]*  
COMMANDER  
ELEVENTH PRECINCT  
10/24/2018