

## **ENVIRONMENT COMMITTEE AGENDA**

**September 17, 2019 – VIA Zoom**

**4:00P – 4:50P**

Chair to call the meeting to order at 4:00 p.m.

1. Approval of the minutes from the meeting of 7.09.2020
  
2. SWM CIP Project Update (4:00 to 4:30 p.m.)  
*Staff will brief the Committee on status of this year's Surface Water Management Capital Projects.*
  
3. Public Works Yard Groundwater Remediation Project Update (4:30 to 4:50 p.m.)  
*Staff will be presenting the latest groundwater monitoring trends analysis.*

**DRAFT MINUTES – ENVIRONMENT COUNCIL COMMITTEE MEETING 07.09.2020**

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The meeting was called to order at 4:20 PM, Thursday, July 9, 2020, via Zoom, with the following in attendance:

**Council Members**

Mayor Matt Pina (Chair)  
Luisa Bangs (Vice-Chair)  
JC Harris

**City Staff**

Michael Matthias – City Manager  
Dan Brewer – Chief Operations Officer  
Susan Cezar – Chief Strategic Officer  
Brandon Carver – PW Director  
Loren Reinhold – SWM Utility Manager  
Beth Anne Wroe – Finance Director  
Matthew Hutchins – Asst. City Attorney  
Jodi Grager – Admin. Asst.

**Guests**

Councilmember Anthony Martinelli

**AGENDA:**

1. Election of Chair
2. Election of Vice-Chair
3. Approval of Work Plan
4. Approval of 11.14.19 Minutes

**MEETING:**

1. Mayor Matt Pina was nominated for Chair of the Environment Committee. Approved by the Committee and accepted by Mayor Pina.
2. Councilmember Luisa Bangs was nominated for Vice-Chair of the Environment Committee. Approved by the Committee and accepted by Councilmember Bangs.
3. A discussion of the Work Plan Schedule (Attachment #1) included:
  - The items listed on April, May, June and July will need to be rescheduled.
  - It was suggested the NPDES (National Pollutant Discharge Elimination System) Program Update be combined with a full council presentation in October.
  - September's topics will remain the same with the addition of the Public Works Yard Groundwater Remediation Update moving from October to September.
  - The WRIA 9 (Water Resource Inventory Area 9) was scheduled for the June meeting should be moved to October. Additionally for October's meeting, the SWM Comprehensive Plan Update will be added.

- The CMP Pipe Replacement Program will be moved from October to November, if time allows.
- It was proposed that an airport discussion be added to the Work Plan. The recommendation is to remain open to remanding the airport discussion from Full Council back to Transportation Committee once the City learns more regarding SAMP. It is possible it could come to this committee in 2021.

The Environment Committee Work Plan was tentatively approved with these amendments.

4. Approval of the minutes of 11.14.2019 meeting with date correction – unanimous approval.

Meeting adjourned at 4:45 p.m.

Minutes respectfully submitted by: Jodi Grager, Admin Asst

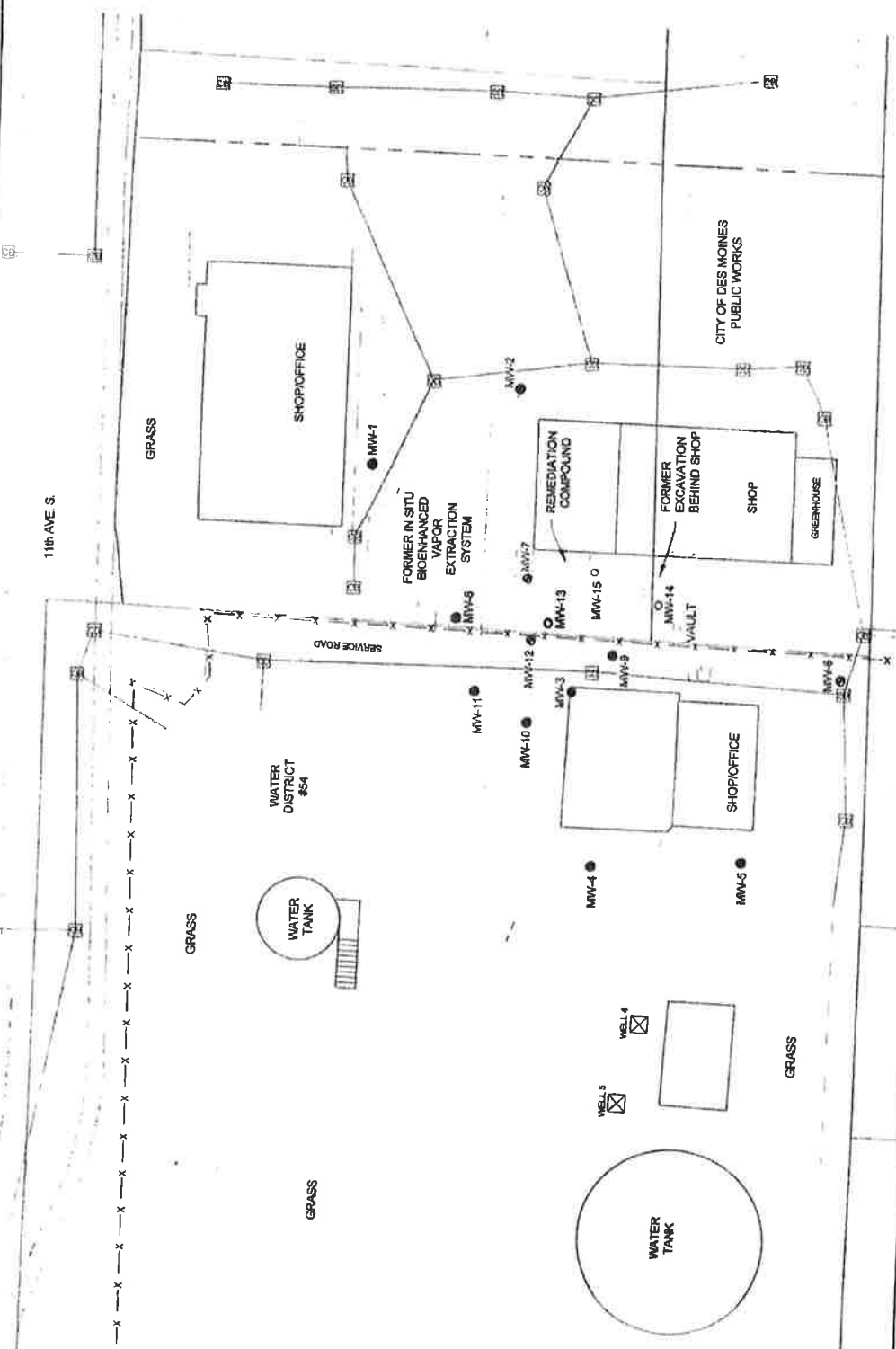




**Public Works Yard Groundwater Remediation Project Update – Environment Committee 9/17/2020**

- Cleanup ongoing since mid-1990's following the site excavation and soil treatment. Work is now focused on cleaning up the groundwater. Groundwater is being pumped, treated and discharged into the sanitary sewer.
- 15 groundwater monitoring wells have been installed at the site.
- One well MW#3 is the extraction well while the other wells are for diffusing air for treatment and sampling.
- Only three wells are being monitored as the other wells have reached cleanup for some time.
- Continue to make very good progress in the reduction of benzene, which is the tougher contaminant with very strict standards.
- MW#3 is the extraction well, it is anticipated to be the last well to reach cleanup. The other three wells are fitted with diffusers to pump air into the soil to aid microbial breakdown of the contaminants.
- Of the three wells, MW#13, is getting very close to cleanup with the seven last readings below cleanup for Total Petroleum Hydrocarbon (TPH) and six of the last seven readings below cleanup level for benzene. The peak for benzene on this well continues to trend downward. MW-14 is also trending downward for both TPH and benzene but at a slower pace. MW-14 is located where an oil waste tank was removed from behind the shop building. The extraction well MW#3 is trending downward with only two of the last seven readings above cleanup.
- Recommend to continue with no changes to the treatment system. Estimated 2 years remaining to reach cleanup and may want to alter system in the second year if MW-3 is losing its effectiveness to lower the levels of MW#14.
- Once all of the wells have reached cleanup, the system will be turned off and all 15 wells sampled quarterly for a full year (4 quarters). If all wells then remain below cleanup levels, the City can file for closure at which time the City will need to properly abandon (fill) the wells. The City will also need to meet any other conditions of closure as determined by Ecology.

**LEGEND**

- MW-6 ● MONITORING WELL LOCATION
- MW-15 ○ MONITORING / DIFFUSER WELL LOCATION
- MW-3 ● MONITORING / RECOVERY WELL LOCATION
- ☒ CATCH BASIN / STORM SEWER LINE
- STORM CONVEYANCE LINE
- ☒ MUNICIPAL WATER WELL
- PARCEL LINE
- - - FENCE LINE

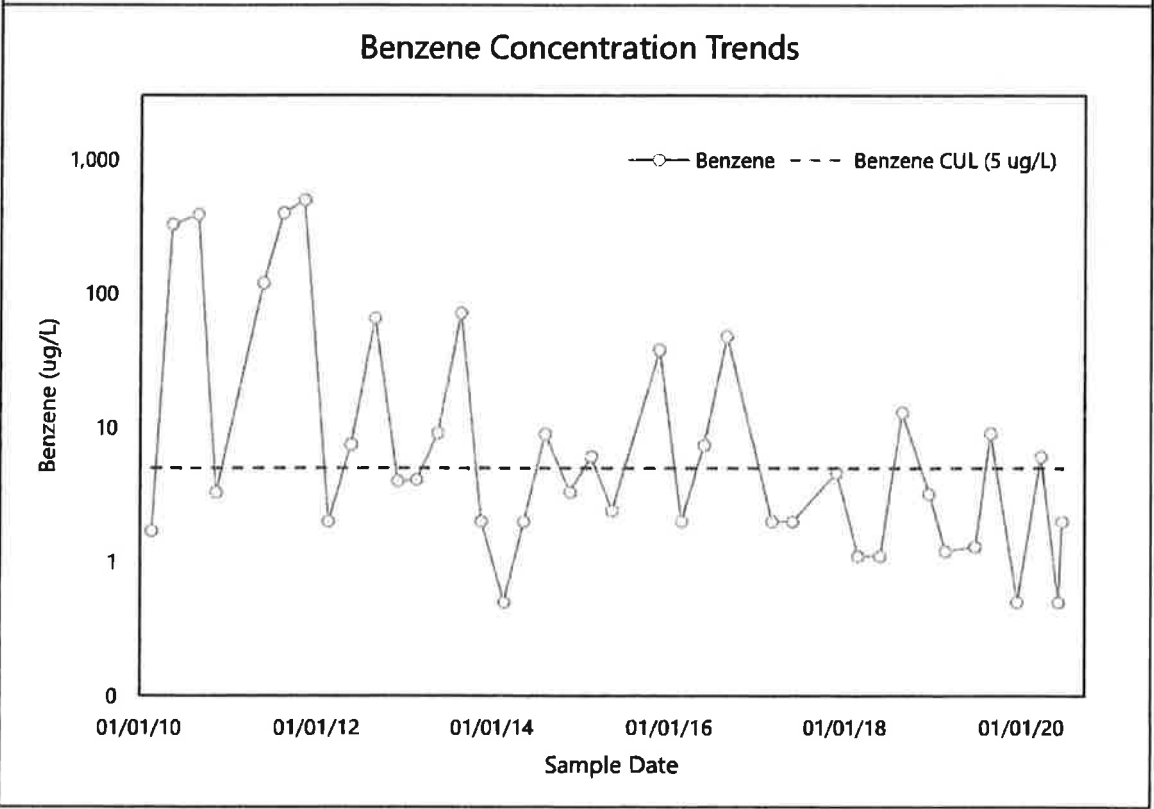
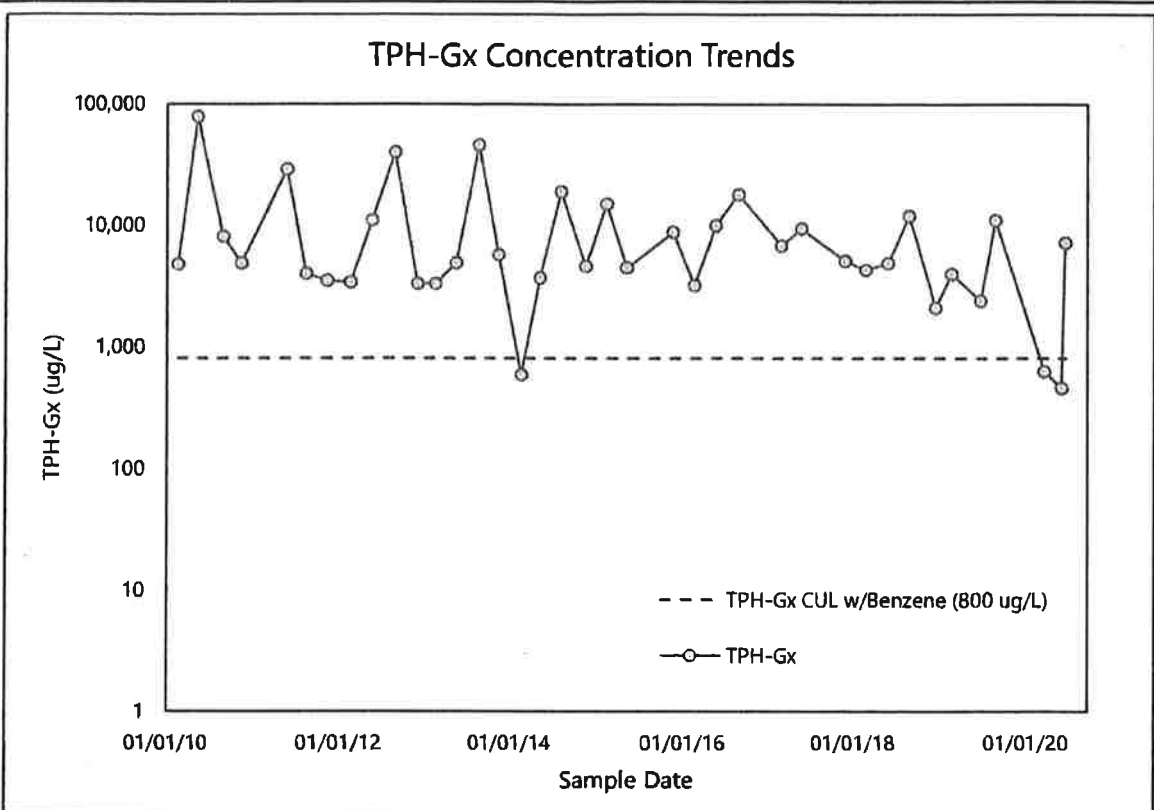


 <p><b>CITY OF DES MOINES</b></p>	 <p><b>Amec Foster Wheeler Environment &amp; Infrastructure, Inc.</b> 500 University Street, Suite 800 Des Moines, Washington 98101</p>	<p>DATE: JULY 2016</p> <p>PROJECT NO.: 0-815-08027-5</p> <p>REV. NO.:</p> <p>FIGURE NO.: 2</p>
		<p>PROJECT: CITY OF DES MOINES PUBLIC WORKS FACILITY</p> <p>21650 11th Avenue S, Des Moines, Washington</p> <p>TITLE:</p> <p>SCALE: 1" = 40'</p>

CLIENT: CITY OF DES MOINES

2: \Users\jlorenz\working\labdata\vacop\ump\A04\Plan... SITE PLAN - Jul. 27, 2016 11:47am - cadm@stetson.com

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Note: non-detected values shown at one-half the reporting limit

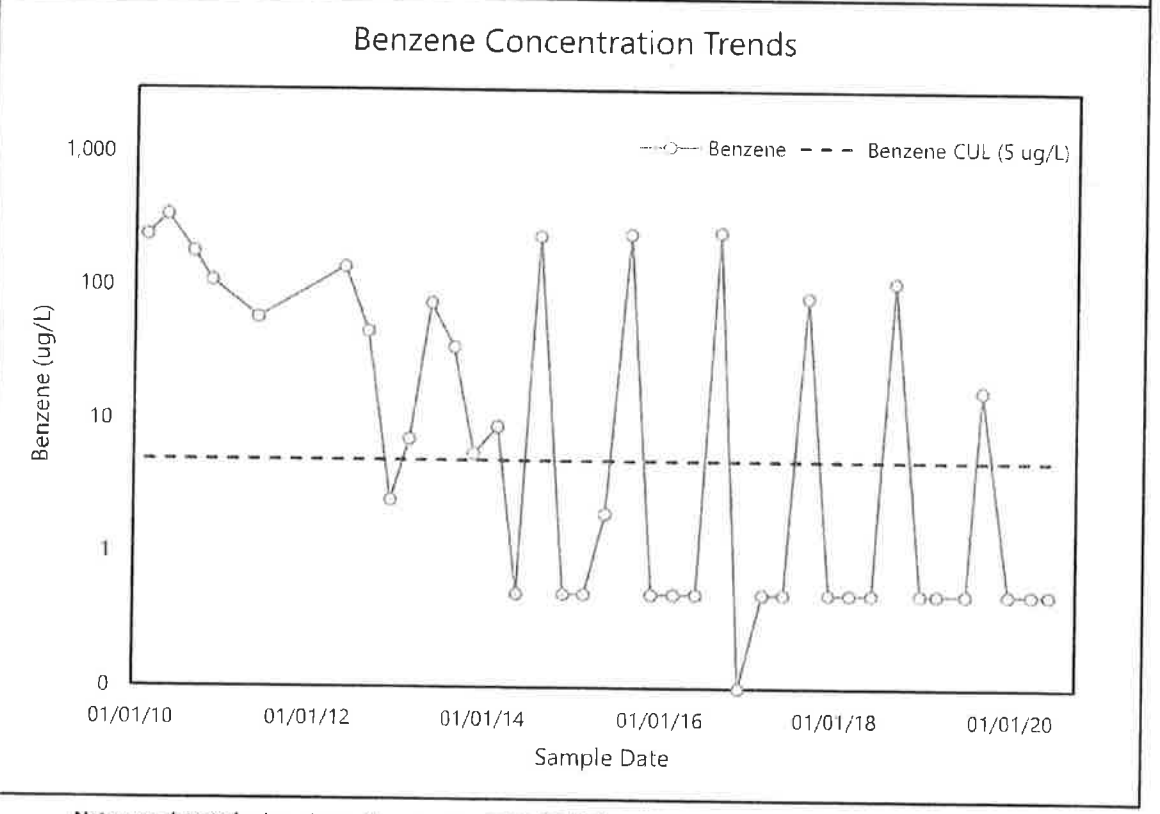
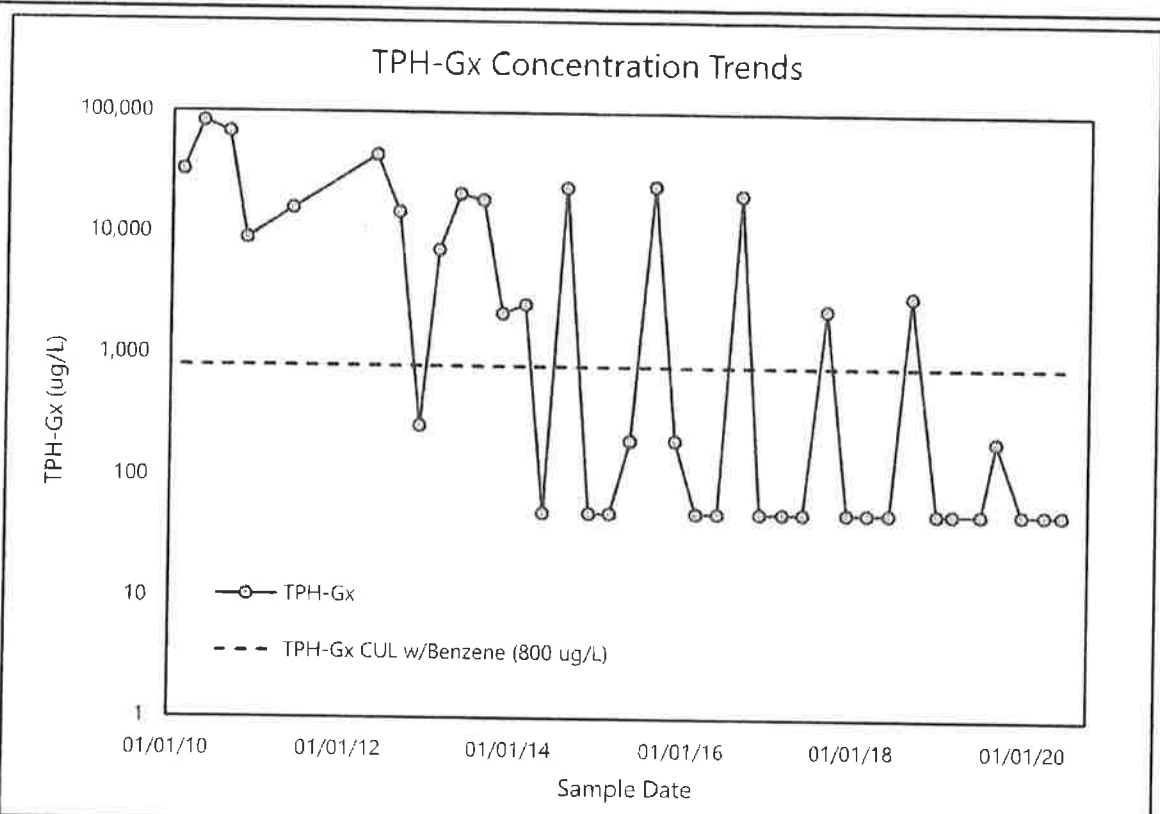


MW-3 HISTORICAL TREND PLOTS  
TPH-Gx AND BENZENE  
City of Des Moines Public Works  
Des Moines, Washington

Project No.  
08307

Figure  
F-1

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Note: non-detected values shown at one-half the reporting limit



MW-13 HISTORICAL TREND PLOTS  
TPH-Gx AND BENZENE  
City of Des Moines Public Works  
Des Moines, Washington

Project No.  
08307  
Figure  
F-2



