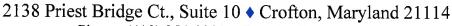


PETROLEUM MANAGEMENT, INC.

Environmental Services Division



Phone: (410) 354-0200 • Fax: (410) 721-1390



September 14, 2020

Maryland Department of the Environment Oil Control Program Attn: Lindley Campbell 1800 Washington Blvd., Suite 620 Baltimore, MD 21230-1719

RE:

Wiley H. Bates Middle School 701 Chase St., Annapolis MDE Facility ID# 3200 MDE Case# 18-0559-AA

LPH System Operation & Recovery Report

Dear Ms. Campbell,

In accordance with the MDE directives and approved Work Plan, a permanent and active Liquid Phase Hydrocarbon (LPH) recovery system was installed in groundwater monitoring wells MW-1 and MW-2 due to persisting LPH accumulations. The LPH recovery system was activated on 4/29/20 with skimmer pumps deployed at MW-1 and MW-2.

After a recovery of 60-gallons of LPH with only 0.5 gallons of water through the end of July 2020, an additional 8.5-gallons of LPH was recovered since our last gauging on August 18, 2020. The skimmer float at MW-1 has been adjusted to get as close as 0.04' LPH, now matching the level of 0.04' LPH in MW-2. Skimmer level settings will continue as currently adjusted in the months to come. Any further adjustment will likely cause skimmers to fall below the oil/water interface and collect unnecessary water into the recovery tank.

A follow-up LPH System Operation & Recovery Report will be submitted again after all recordings for September 2020 have been totaled. With skimmer adjustments now stabilized and recovery volumes observed as less than 5-gallons per month, we would like to request that site visits and gauging information be completed monthly and reported quarterly on the same schedule as the quarterly monitoring well sampling as provided for in the approved CAP. The last quarterly well sampling event was completed on August 19, 2020 and the results of this sampling event will be reported in a separate submittal.

Attached is our current log of recovery so far.

Please contact our office with any questions or concerns. Respectfully submitted,

W. Scott Alexander

Environmental Projects Manager

Enc.

cc:

Mr. Christopher Williams Environmental Health & Safety Manager Anne Arundel County Public Schools 9034 Fort Smallwood Rd. Pasadena, MD 21122

BATES MIDDLE SCHOOL Remediation System Recovery Tank Log

NOTE*QED Skimmer Pumps deployed & activated at MW-1 & MW-2 following final EFR event on 4/29/20. Skimmer floats set at post-EFR groundwater depth of ~14 ft. below top of casing

Water LPH LPH LPH LPH	SS Community (Mistory		
Hd1	thickness thickness	0.08' 0.05' 0.04' 0.04'	
LPH	thickness	0.15' 0.06' 0.09' 0.07' 0.04'	
	gain (+)	0 0 0 0 0 0	(
Water	gallons	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	inches	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	gain (+)	10. 65.5 13. 13. 2 2 2 2 3 3 8 8 8	03
H	gallons	10 16.5 28 46 41 41 41 57 60 60 60 68	
	inches	2.5 3.5 6.5 7 7 8 8.25 8.25 9 9	
Total Liquid	gallons gain (+)	10. 6.5. 11.5 5 5 6.5 7.5 8	68.5
	gallons	16.5 28 28 41 45 55 57.5 60.5 68.5	
_	inches	2.5 3.5 6.5.5 7 8.25 8.5.5 9.25	
	Time:	10:00 11:15 8:20 9:30 11:30 11:30 10:15 10:15	- <u>S</u> :
	Date:	4/30/2020 5/8/2020 5/13/2020 5/19/2020 6/30/2020 6/30/2020 7/16/2020 7/30/2020 8/18/2020	Cumulative Totals: