

Mulcahy, Connor P - DNR

From: Travis W. Peterson <tpeterson@kapurinc.com>
Sent: Thursday, February 29, 2024 1:04 PM
To: Mulcahy, Connor P - DNR
Cc: robert3bach@gmail.com
Subject: RE: Mercury Marine Plant No. 1
Attachments: PFET Data 02292024.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

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Connor.

Please find attached an updated PFET data table that includes today's testing results and totaling three (3) consecutive days of PFET.



Travis W. Peterson

Associate / Economic Development Manager
7711 N Port Washington Road, Milwaukee, Wisconsin 53217
m: 414.254.6358 **o:** 414.751.7279 kapurinc.com

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From: Travis W. Peterson
Sent: Wednesday, February 28, 2024 3:37 PM
To: 'Mulcahy, Connor P - DNR' <connor.mulcahy@wisconsin.gov>
Cc: robert3bach@gmail.com
Subject: RE: Mercury Marine Plant No. 1

Good afternoon Connor.

I wanted to forward you the attached updated site plan showing the vapor probe/PFET locations along with a data table that summarizes two consecutive days of PFET at the designated test ports within the associated buildings. Again, the sub-slab mitigation system has been activated in Building E (the northern 61 apartment unit complex).



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From: Mulcahy, Connor P - DNR <connor.mulcahy@wisconsin.gov>

Sent: Tuesday, February 27, 2024 3:11 PM

To: Travis W. Peterson <tpeterson@kapurinc.com>

Subject: Mercury Marine Plant No. 1

Travis,

What day do you expect you'll be able to submit the PFE results from activating the vapor mitigation system at Building E?

Thanks,
Connor

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Connor P. Mulcahy

Hydrogeologist – Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

Phone: 414-704-4348

connor.mulcahy@wisconsin.gov



dnr.wi.gov





Measured Vapor Pressure Data
Fox Run - Former Mercury Marine Plant 1 Site
N49W6337 Western Road, Cedarburg, Wisconsin

Date	2/27/2024	2/28/2024	2/29/2024
Sample ID (Location)	Units in " WC (read as a negative value)		
VP-40 (Bldg D)	0.0023	0.0030	0.0006
VP-41 (Bldg D)	0.0011	0.0020	0.0018
VP-42 (Bldg D)*	N/A	N/A	N/A
VP-43 (Bldg D)	0.0014	0.0168	0.0172
VP-44 (Bldg D)	0.0066	0.0067	0.0062
VP-45 (Bldg D)	0.0517	0.0515	0.0515
VP-46 (Bldg D)	0.0100	0.0044	0.0071
VP-47 (Bldg D)	0.0033	0.0094	0.0031
VP-48 (Bldg E)	0.0033	0.0036	0.0032
VP-49 (Bldg E)	0.0027	0.0100	0.0047
VP-50 (Bldg E)	0.0078	0.0150	0.0075
VP-51 (Bldg E)	0.1420	0.0300	0.0210
VP-52 (Bldg E)	0.0053	0.0280	0.0224
VP-53 (Bldg E)	0.0057	0.0080	0.0021
VP-54 (Bldg 1)	0.0093	0.0200	0.0053
VP-55 (Bldg 3)	0.0820	0.0900	0.6750
VP-56 (Bldg 4)	0.0060	0.0173	0.0048
VP-59 (Bldg 5)	0.1535	0.0100	0.0063
VP-60 (Bldg 6)	0.0139	0.0103	0.0131
VP-61 (Bldg 7)	0.0030	0.0095	0.0051
VP-62 (Bldg 7)	0.0075	0.0320	0.0122
VP-63 (Bldg 8)	0.0020	0.0102	0.0028
VP-64 (Bldg 9)	0.0031	0.0180	2.771**
VP-65 (Bldg 10)	2.5**	0.0420	0.1850

NOTES:

Readings were collected using a digital manometer and

" WC = results are in inches of water column (negative value)

NA = Not Analyzed

*: VP-42 in Bldg D not accessible due to construction material stockpile

**: Results greater than 1 are considered as spurious readings for this evaluation