

## Mulcahy, Connor P - DNR

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**From:** Travis W. Peterson <tpeterson@kapurinc.com>  
**Sent:** Wednesday, March 20, 2024 1:47 PM  
**To:** Mulcahy, Connor P - DNR; Martinez, Joseph J - DNR  
**Cc:** robert3bach@gmail.com  
**Subject:** Mercury Marine Plant No. 1 (02-46-588930) Latest PFET Data Results  
**Attachments:** Active Vapor Pressure Data.xls; Passive Vapor Pressure Data.xls

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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Good afternoon Connor and Joe.

Attached please find the pressure field readings through today March 20, 2024. I wanted to forward the results on to you both so that this information was readily available prior to our upcoming conference call.

The tables have now been broken down into an Active Vapor Pressure Data spreadsheet and a Passive Vapor Pressure Data spreadsheet.

The active table will serve to provide the pressure data readings from Building D & E and Buildings 3 and 5 (which were determined during a previous phone conversation with the WDNR to be the buildings that would have the passive systems "activated"). The second table will provide the pressure readings from buildings which had passive systems installed.

Please let me know if you have any questions regarding this information.



### Travis W. Peterson

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**Fox Run - Cedarburg, WI**  
**Active System Pressure Field Measurements**  
**Buildings D, E, 3 and 5**

Date	2024-02-27	2024-02-28	2024-02-29	2024-03-12	2024-03-13	2024-03-19	2024-03-20
<b>Sample ID (Location)</b>	<b>Units in " WC (read as a negative value)</b>						
VP-40 (Bldg D)	0.0023	0.0030	0.0006	0.0182	0.0062	0.0065	0.0061
VP-41 (Bldg D)	0.0011	0.0020	0.0018	NA	0.0023	0.0420	0.0047
VP-42 (Bldg D)*	NA	NA	NA	NA	NA	0.0065	0.0105
VP-43 (Bldg D)	0.0014	0.0168	0.0172	0.0416	0.0040	0.0438	0.0402
VP-44 (Bldg D)	0.0066	0.0067	0.0062	0.0100	0.0054	0.0186	0.0096
VP-45 (Bldg D)	0.0517	0.0515	0.0515	0.0555	0.0042	0.0060	0.0525
VP-46 (Bldg D)*	0.0100	0.0044	0.0071	NA	0.0046	0.0173	0.0078
VP-47 (Bldg D)*	0.0033	0.0094	0.0031	NA	NA	0.0080	0.0051
VP-48 (Bldg E)	0.0033	0.0036	0.0032	0.0043	0.0038	0.0087	0.0046
VP-49 (Bldg E)	0.0027	0.0100	0.0047	0.0041	0.0054	0.0042	NFT
VP-50 (Bldg E)	0.0078	0.0150	0.0075	0.0106	0.0099	0.0071	NFT
VP-51 (Bldg E)	0.1420	0.0300	0.0210	0.0280	0.0206	0.0190	NFT
VP-52 (Bldg E)	0.0053	0.0280	0.0224	0.0230	0.0206	0.0214	NFT
VP-53 (Bldg E)	0.0057	0.0080	0.0021	0.0041	0.0037	0.0041	NFT
VP-55 (Bldg 3)	0.0820	0.0900	0.6750	0.0957	NFT	NFT	NFT
VP-59 (Bldg 5)	0.1535	0.0100	0.0063	0.0056	0.0093	0.0050	0.0074

NOTES:

Readings were collected using a digital manometer and results are in inches of water (results are negative)

NA = Not Analyzed

NFT = No further testing planned

\*: Location not accessible due to construction material stockpile

\*\* : Results greater than 2.5 are considered as spurious readings >0.004 for this evaluation



**Fox Run - Cedarburg, WI**  
**Passive System Pressure Field Measurements**  
**(Buildings 1, 4, 6, 7, 8, 9, 10)**

Date	2024-02-27	2024-02-28	2024-02-29	2024-03-12	2024-03-13	2024-03-19	2024-03-20
<b>Sample ID (Location)</b>	<b>Units in " WC (read as a negative value)</b>						
VP-54 (Bldg 1)	0.0093	0.0200	0.0053	0.0246	NFT	NFT	NFT
VP-56 (Bldg 4)	0.0060	0.0173	0.0048	0.0073	0.0071	NFT	NFT
VP-60 (Bldg 6)	0.0139	0.0103	0.0131	0.0122	0.0072	0.0052	0.0106
VP-61 (Bldg 7)	0.0030	0.0095	0.0051	0.0157	0.0051	0.0057	0.0069
VP-62 (Bldg 7)	0.0075	0.0320	0.0122	0.0130	0.0096	0.0181	0.0071
VP-63 (Bldg 8)	0.0020	0.0102	0.0028	0.0047	0.0052	0.0051	0.0068
VP-64 (Bldg 9)	0.0031	0.0180	2.771*	0.0060	1.5500	0.8550	0.0928
VP-65 (Bldg 10)	2.5*	0.0420	0.1850	0.0334	0.0258	0.0541	0.0370

NOTES:

Readings were collected using a digital manometer and results are in inches of water (results are negative)

\*: Results greater than 2.5 are considered as spurious readings >0.004 for this evaluation