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November 27, 2019

Mr. Paul Bretting
Bretting Development Corporation
3401 Lake Park Road
Ashland, WI 54806

**RE: Clubhouse Groundwater Sample Results and Carbon Cylinder Replacement
72315 State Highway 13
Town of Barksdale, Wisconsin**

Dear Mr. Bretting:

On August 21, 2019, a Chemours representative collected groundwater samples from the inflow port (i.e., preceding the granular activated carbon [GAC] cylinders) connected to the clubhouse well (see Figure 1). The samples were submitted to TestAmerica Laboratories for nitroaromatic and nitramine organic constituents (NNOCs) analysis. As has been the case historically (since 2000), NNOCs were not detected above laboratory detection limits (see Table 1).

The GAC cylinders were replaced on August 26, 2019. A visual inspection of the system was conducted on August 26, 2019 after the cylinders were replaced and no issues were identified. If you happen to notice any issues with the system (i.e., leaks, broken fittings, etc.), please let me know.

I anticipate the next round of groundwater sampling (for NNOCs only) and GAC cylinder replacement will be conducted sometime in the third or fourth quarter of 2020. If you have any questions or comments, please feel free to contact me by telephone at (812) 923-1136 or by email at Bradley.S.Nave@chemours.com.

Sincerely,

A handwritten signature in blue ink that reads 'Bradley S. Nave'.

Bradley S. Nave
Chemours Corporate Remediation Group

Attachments: Table 1 - Historical Clubhouse Inflow Groundwater Sample Results
Figure 1 - Clubhouse Water System Flow Diagram
TestAmerica Laboratory Analytical Report

Cc: Chris Saari, WDNR
Phil Richard, WDNR
Cary E. Pooler, AECOM
Eric Schmidt, AECOM
Nicholas F. Shorkey, AECOM

Table 1
Historical Clubhouse Inflow Ground Water Sample Results
 Former DuPont Barksdale Works
 Barksdale, Wisconsin

| Location ID | | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW |
|--|--------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|-----------------------|-----------------------|-----------------------|
| Date Sampled | | 12/02/1998 | 12/04/1998 | 04/14/1999 | 07/12/1999 | 10/12/1999 | 12/14/1999 | 04/20/2000 | 07/11/2000 | 10/17/2000 | 12/12/2000 | 04/23/2001 | 10/16/2001 |
| Parameter Name | Report Units | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result |
| NNOCs Target Analytes (µg/L) | | | | | | | | | | | | | |
| 1,3,5-Trinitrobenzene | UG/L | <0.026 | -- | <0.019 | <0.019 | <0.019 | <0.019 | <0.030 | <0.038 | <0.033 | <0.033 | <0.017 | <0.017 |
| 1,3-Dinitrobenzene | UG/L | <0.011 | -- | <0.012 | <0.012 | <0.012 | <0.012 | <0.010 | <0.069 | <0.035 | <0.035 | <0.020 | <0.020 |
| 1-Methyl-3-Nitrobenzene (3-Nitrotoluene) | UG/L | <0.030 | -- | <0.18 | <0.18 | <0.18 | <0.18 | <0.080 | <0.061 | <0.017 | <0.017 | <0.019 | <0.019 |
| 1-Methyl-4-Nitrobenzene (4-Nitrotoluene) | UG/L | -- | -- | -- | -- | -- | -- | <0.50 | -- | -- | -- | <0.019 | <0.019 |
| 2-Amino-4,6-Dinitrotoluene | UG/L | <0.024 | -- | <0.034 | <0.034 | <0.034 | <0.034 | <0.020 | <0.082 | <0.039 | <0.039 | <0.013 | <0.013 |
| 2-Nitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | <0.080 | -- | -- | -- | <0.019 | <0.019 |
| 2- And 4-Nitrotoluene | UG/L | <0.024 | -- | <0.16 | <0.16 | <0.16 | <0.16 | -- | <0.063 | 0.18 J^{1,A} | <0.090 | -- | -- |
| 2,4,6-Trinitrotoluene | UG/L | <0.018 | -- | <0.059 | <0.059 | <0.059 | <0.059 | <0.030 | <0.058 | <0.032 | <0.032 | <0.049 | <0.049 |
| 2,4,6-Trinitroxylyene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-Amino-2,6-Dinitrotoluene | UG/L | <0.021 | -- | <0.011 | <0.011 | <0.011 | <0.011 | <0.040 | <0.046 | <0.037 UJ | <0.037 | <0.017 | <0.017 |
| Nitrobenzene | UG/L | <0.088 | -- | <0.088 | <0.088 | <0.088 | <0.088 | -- | <0.088 | <0.033 ^h | <0.039 | <0.049 | <0.049 |
| Nitroglycerin | UG/L | <5.0 | -- | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | -- | 0.044 J^{1,A} | -- | -- | -- |
| HMX | UG/L | <0.047 | -- | <0.036 | <0.036 | <0.036 | <0.036 | <0.040 | <0.036 | <0.040 UJ | <0.040 | <0.022 | <0.022 |
| PETN | UG/L | <0.069 | -- | <0.069 | <0.069 | <0.069 | <0.069 | <0.20 | <0.069 | <0.033 | <0.033 | <0.020 | <0.020 |
| RDX | UG/L | <0.043 | -- | <0.015 | <0.015 | <0.015 | <0.015 | <0.060 | <0.075 | <0.027 UJ | <0.027 | <0.028 | <0.028 |
| Tetryl | UG/L | <0.030 | -- | <0.043 | <0.043 | <0.043 | <0.043 | <0.020 | <0.065 | <0.037 | <0.037 | <0.019 | <0.019 |
| NNOCs DNT Isomers (µg/L) | | | | | | | | | | | | | |
| 2,3-Dinitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-Dinitrotoluene | UG/L | <0.025 | -- | <0.017 | <0.017 | <0.017 | <0.017 | <0.030 | <0.115 | 0.13 J¹ | <0.040 | <0.016 | <0.016 |
| 2,5-Dinitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-Dinitrotoluene | UG/L | <0.020 | -- | <0.010 | <0.010 | <0.010 | <0.010 | <0.040 | <0.054 | 0.045 J¹ | <0.039 | <0.012 | <0.012 |
| 3,4-Dinitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,5-Dinitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NNOCs DNX Isomers (µg/L) | | | | | | | | | | | | | |
| 1,2-Dimethyl-3,4-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dimethyl-3,5-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dimethyl-3,6-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-Dimethyl-4,5-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-Dimethyl-2,4-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,3-Dimethyl-2,5-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-Dimethyl-2,3-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-Dimethyl-2,5-Dinitrobenzene | UG/L | -- ^A | -- | -- ^A | -- ^A | -- ^A | -- ^A | -- ^A | -- ^A | -- ^A | -- | -- | -- |
| 1,4-Dimethyl-2,6-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,5-Dimethyl-2,3-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,5-Dimethyl-2,4-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SVOCs (µg/L) | | | | | | | | | | | | | |
| Naphthalene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | <0.15 | -- | -- | -- |
| Anions (µg/L) | | | | | | | | | | | | | |
| Perchlorate | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Notes:

NNOC = Nitroaromatic and Nitramine Organic Compounds

DNT = Dinitrotoluene

DNX = Dinitroxylyene

SVOC = Semi Volatile Organic Compound

< = not detected above the laboratory reporting limit

-- = data not available

Bolded text indicates a laboratory reported detection

J = analyte present; however, reported value may not be accurate or precise

J¹ = analyte was detected between the method detection limit and the laboratory reporting limit. Detected results on 10/17/00 are suspected to be due to inadvertent laboratory contamination.

J^h = In addition to the "J qualifier", the result was also qualified with an "H" due to an issue with the holding time being exceeded when re-extraction was performed by the laboratory. Due to suspected laboratory error, a confirmation sample was collected in June 2017. The compound was not detected in the confirmation sample.

^A = Results updated to correct data entry errata identified in some pre-2003 results.

U: Analyte was analyzed, but not detected

UJ: Not detected. Reporting limit may not be accurate or precise

UG/L = micrograms per liter or parts per billion

* DNX isomer inadvertently omitted by the analytical laboratory

Note: Detections not observed in effluent samples

Table 1
Historical Clubhouse Inflow Ground Water Sample Results
 Former DuPont Barksdale Works
 Barksdale, Wisconsin

| Location ID | | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | |
|--|--------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|
| Date Sampled | | 10/16/2001 | 05/15/2002 | 05/15/2002 | 12/10/2002 | 09/09/2003 | 08/25/2004 | 11/15/2005 | 08/01/2007 | 07/27/2011 | 12/04/2013 | 09/16/2014 | 09/03/2015 | 10/09/2015 |
| Parameter Name | Report Units | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result |
| NNOCs Target Analytes (µg/L) | | | | | | | | | | | | | | |
| 1,3,5-Trinitrobenzene | UG/L | <0.017 | <0.025 | <0.025 | <0.025 | <0.015 | <0.018 | -- | <0.010 | <0.016 | <0.016 | <0.016 | <0.017 | <0.017 |
| 1,3-Dinitrobenzene | UG/L | <0.020 | <0.023 | <0.023 | <0.023 | <0.014 | <0.019 | -- | <0.011 | <0.014 | <0.013 | <0.014 | <0.014 | <0.014 |
| 1-Methyl-3-Nitrobenzene (3-Nitrotoluene) | UG/L | <0.019 | <0.027 | <0.027 | <0.027 | <0.019 | <0.064 | -- | <0.025 | <0.024 | <0.024 | <0.024 | <0.025 | <0.025 |
| 1-Methyl-4-Nitrobenzene (4-Nitrotoluene) | UG/L | <0.019 | <0.025 | <0.025 | <0.025 | <0.018 | <0.061 | -- | <0.026 | <0.025 | <0.025 | <0.025 | <0.026 | <0.026 |
| 2-Amino-4,6-Dinitrotoluene | UG/L | <0.013 | <0.036 | <0.036 | <0.036 | <0.012 | <0.017 | -- | <0.021 | <0.020 | <0.020 | <0.020 | <0.021 | <0.021 |
| 2-Nitrotoluene | UG/L | <0.019 | <0.026 | <0.026 | <0.026 | <0.023 | <0.057 | -- | <0.022 | <0.021 | <0.021 | <0.021 | <0.022 | <0.022 |
| 2- And 4-Nitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,6-Trinitrotoluene | UG/L | <0.049 | <0.021 | <0.021 | <0.021 | <0.015 | <0.026 | -- | <0.022 | <0.021 | <0.021 | <0.021 | <0.022 | <0.022 |
| 2,4,6-Trinitroxylyene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.011 | <0.012 | -- | <0.012 |
| 4-Amino-2,6-Dinitrotoluene | UG/L | <0.017 | <0.020 | <0.020 | <0.020 | <0.015 | <0.022 | -- | <0.019 | <0.018 | <0.018 | <0.018 | <0.019 | <0.019 |
| Nitrobenzene | UG/L | <0.049 | <0.030 | <0.030 | <0.030 | <0.039 | <0.042 | -- | <0.045 | <0.044 | <0.043 | <0.032 | <0.033 | <0.033 |
| Nitroglycerin | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.043 | <0.045 | <0.045 |
| HMX | UG/L | <0.022 | <0.040 | <0.040 | <0.040 | <0.016 | <0.017 | -- | <0.019 | <0.018 | <0.018 | <0.018 | <0.019 | <0.019 |
| PETN | UG/L | <0.020 | <0.051 | <0.051 | <0.051 | <0.031 | <0.038 | -- | <0.015 | <0.017 | <0.017 | <0.017 | <0.018 | <0.018 |
| RDX | UG/L | <0.028 | <0.020 | <0.020 | <0.020 | <0.012 | <0.013 | -- | <0.021 | <0.020 | <0.020 | <0.020 | <0.021 | <0.021 |
| Tetryl | UG/L | <0.019 | <0.024 | <0.024 | <0.024 | <0.012 | <0.017 | -- | <0.021 | <0.020 | <0.020 | <0.020 | <0.021 | <0.021 |
| NNOCs DNT Isomers (µg/L) | | | | | | | | | | | | | | |
| 2,3-Dinitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | <0.015 | <0.014 | <0.014 | -- | <0.015 |
| 2,4-Dinitrotoluene | UG/L | <0.016 | <0.026 | <0.026 | <0.026 | <0.019 | <0.038 | -- | <0.019 | <0.018 | <0.018 | <0.018 | -- | <0.019 |
| 2,5-Dinitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.013 | <0.014 | -- | <0.014 |
| 2,6-Dinitrotoluene | UG/L | <0.012 | <0.022 | <0.022 | <0.022 | <0.015 | <0.037 | -- | <0.022 | <0.021 | <0.021 | <0.021 | -- | <0.022 |
| 3,4-Dinitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | <0.019 | <0.019 | <0.019 | -- | <0.020 |
| 3,5-Dinitrotoluene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | <0.033 | <0.032 | <0.033 | -- | <0.034 |
| NNOCs DNX Isomers (µg/L) | | | | | | | | | | | | | | |
| 1,2-Dimethyl-3,4-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.24 | <0.23 | -- |
| 1,2-Dimethyl-3,5-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.33 | <0.33 | <0.31 | -- |
| 1,2-Dimethyl-3,6-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.41 | <0.39 | -- |
| 1,2-Dimethyl-4,5-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.39 | <0.37 | -- |
| 1,3-Dimethyl-2,4-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.45 | <0.45 | <0.42 | -- |
| 1,3-Dimethyl-2,5-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.42 | <0.42 | <0.40 | -- |
| 1,4-Dimethyl-2,3-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.38 | <0.38 | <0.36 | -- |
| 1,4-Dimethyl-2,5-Dinitrobenzene | UG/L | -- | -- ^A | -- ^A | -- | -- | -- | -- | -- | -- | -- | <0.76 | <0.72 | -- |
| 1,4-Dimethyl-2,6-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.22 | <0.22 | <0.21 | -- |
| 1,5-Dimethyl-2,3-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.26 | <0.26 | <0.25 | -- |
| 1,5-Dimethyl-2,4-Dinitrobenzene | UG/L | -- | -- | -- | -- | -- | -- | -- | -- | -- | <0.27 | <0.27 | <0.25 | -- |
| SVOCs (µg/L) | | | | | | | | | | | | | | |
| Naphthalene | UG/L | -- | <0.78 | <0.78 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Anions (µg/L) | | | | | | | | | | | | | | |
| Perchlorate | UG/L | -- | -- | -- | -- | -- | -- | <0.0022 | -- | -- | -- | -- | -- | -- |

Notes:
 NNOC = Nitroaromatic and Nitramine Organic Compounds
 DNT = Dinitrotoluene
 DNX = Dinitroxylyene
 SVOC = Semi Volatile Organic Compound
 < = not detected above the laboratory reporting limit
 -- = data not available
Bolded text indicates a laboratory reported detection
 J = analyte present; however, reported value may not be accurate or precise
 J¹ = analyte was detected between the method detection limit and the laboratory reporting limit. Detected results on 10/17/00 are suspected to be due to inadvertent laboratory contamination.
 J^H = In addition to the "J qualifier", the result was also qualified with an "H" due to an issue with the holding time being exceeded when re-extraction was performed by the laboratory. Due to suspected laboratory error, a confirmation sample was collected in June 2017. The compound was not detected in the confirmation sample.
^A = Results updated to correct data entry errata identified in some pre-2003 results.
 U: Analyte was analyzed, but not detected
 UJ: Not detected. Reporting limit may not be accurate or precise
 UG/L = micrograms per liter or parts per billion
 * DNX isomer inadvertently omitted by the analytical laboratory
 Note: Detections not observed in effluent samples

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| Location ID | | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW | CLUB HOUSE- INFLOW |
|--|--------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|-----------------------|
| Date Sampled | | 8/4/2016* | 11/30/2016 | 04/25/2017 | 06/06/2017 | 10/08/2018 | 08/21/2019 |
| Parameter Name | Report Units | Report Result | Report Result | Report Result | Report Result | Report Result | Report Result |
| NNOCs Target Analytes (µg/L) | | | | | | | |
| 1,3,5-Trinitrobenzene | UG/L | <0.017 | -- | <0.016 UJ | <0.017 | <0.018 | <0.016 |
| 1,3-Dinitrobenzene | UG/L | <0.014 | -- | <0.013 UJ | <0.014 | <0.015 | <0.013 |
| 1-Methyl-3-Nitrobenzene (3-Nitrotoluene) | UG/L | <0.025 | -- | <0.024 UJ | <0.025 | <0.027 | <0.024 |
| 1-Methyl-4-Nitrobenzene (4-Nitrotoluene) | UG/L | <0.026 | -- | <0.025 UJ | <0.025 | <0.028 | <0.025 |
| 2-Amino-4,6-Dinitrotoluene | UG/L | <0.021 | -- | <0.020 UJ | <0.021 | <0.022 | <0.020 |
| 2-Nitrotoluene | UG/L | <0.022 | -- | <0.021 UJ | <0.022 | <0.023 | <0.021 |
| 2- And 4-Nitrotoluene | UG/L | -- | -- | -- | -- | -- | -- |
| 2,4,6-Trinitrotoluene | UG/L | <0.022 | -- | <0.021 UJ | <0.022 | <0.023 | <0.021 |
| 2,4,6-Trinitroxylyene | UG/L | <0.012 | -- | <0.012 UJ | <0.012 | <0.013 | <0.011 |
| 4-Amino-2,6-Dinitrotoluene | UG/L | <0.019 | -- | <0.018 UJ | <0.019 | <0.020 | <0.018 |
| Nitrobenzene | UG/L | <0.033 | -- | 0.072 J^H | <0.032 | <0.035 | <0.031 |
| Nitroglycerin | UG/L | <0.044 | -- | <0.043 UJ | <0.044 | <0.048 | <0.016 |
| HMX | UG/L | <0.019 | -- | <0.018 UJ | <0.019 | <0.020 | <0.018 |
| PETN | UG/L | <0.018 | -- | <0.017 UJ | <0.018 | <0.019 | <0.017 |
| RDX | UG/L | <0.021 | -- | <0.020 UJ | <0.021 | <0.022 | <0.020 |
| Tetryl | UG/L | <0.021 | -- | <0.020 UJ | <0.021 | <0.022 | <0.020 |
| NNOCs DNT Isomers (µg/L) | | | | | | | |
| 2,3-Dinitrotoluene | UG/L | <0.015 | -- | <0.014 UJ | <0.015 | <0.016 | <0.014 |
| 2,4-Dinitrotoluene | UG/L | <0.019 | -- | <0.018 UJ | <0.019 | <0.020 | <0.018 |
| 2,5-Dinitrotoluene | UG/L | <0.014 | -- | <0.013 UJ | <0.014 | <0.015 | <0.013 |
| 2,6-Dinitrotoluene | UG/L | <0.022 | -- | <0.021 UJ | <0.022 | <0.023 | <0.021 |
| 3,4-Dinitrotoluene | UG/L | <0.020 | -- | <0.019 UJ | <0.020 | <0.021 | <0.019 |
| 3,5-Dinitrotoluene | UG/L | <0.034 | -- | <0.033 UJ | <0.033 | <0.036 | <0.032 |
| NNOCs DNX Isomers (µg/L) | | | | | | | |
| 1,2-Dimethyl-3,4-Dinitrobenzene | UG/L | -- | <0.23 | <0.23 | -- | <0.25 | <0.48 |
| 1,2-Dimethyl-3,5-Dinitrobenzene | UG/L | -- | <0.32 | <0.32 | -- | <0.35 | <0.66 |
| 1,2-Dimethyl-3,6-Dinitrobenzene | UG/L | -- | <0.40 | <0.40 | -- | <0.43 | <0.82 |
| 1,2-Dimethyl-4,5-Dinitrobenzene | UG/L | -- | <0.38 | <0.38 | -- | <0.41 | <0.78 |
| 1,3-Dimethyl-2,4-Dinitrobenzene | UG/L | -- | <0.44 | <0.44 | -- | <0.48 | <0.90 |
| 1,3-Dimethyl-2,5-Dinitrobenzene | UG/L | -- | <0.41 | <0.41 | -- | <0.44 | <0.84 |
| 1,4-Dimethyl-2,3-Dinitrobenzene | UG/L | -- | <0.37 | <0.37 | -- | <0.40 | <0.76 |
| 1,4-Dimethyl-2,5-Dinitrobenzene | UG/L | -- | <0.74 | <0.74 | -- | <0.80 | <1.5 |
| 1,4-Dimethyl-2,6-Dinitrobenzene | UG/L | -- | <0.22 | <0.21 | -- | <0.23 | <0.44 |
| 1,5-Dimethyl-2,3-Dinitrobenzene | UG/L | -- | <0.25 | <0.25 | -- | <0.28 | <0.52 |
| 1,5-Dimethyl-2,4-Dinitrobenzene | UG/L | -- | <0.26 | <0.26 | -- | <0.29 | <0.54 |
| SVOCs (µg/L) | | | | | | | |
| Naphthalene | UG/L | -- | -- | -- | -- | -- | -- |
| Anions (µg/L) | | | | | | | |
| Perchlorate | UG/L | -- | -- | -- | -- | -- | -- |

Notes:

NNOC = Nitroaromatic and Nitramine Organic Compounds

DNT = Dinitrotoluene

DNX = Dinitroxylyene

SVOC = Semi Volatile Organic Compound

< = not detected above the laboratory reporting limit

-- = data not available

Bolded text indicates a laboratory reported detection

J = analyte present; however, reported value may not be accurate or precise

J¹ = analyte was detected between the method detection limit and the laboratory reporting limit. Detected results on 10/17/00 are suspected to be due to inadvertent laboratory contamination.

J^H = In addition to the "J qualifier", the result was also qualified with an "H" due to an issue with the holding time being exceeded when re-extraction was performed by the laboratory. Due to suspected laboratory error, a confirmation sample was collected in June 2017. The compound was not detected in the confirmation sample.

^A = Results updated to correct data entry errata identified in some pre-2003 results.

U: Analyte was analyzed, but not detected

UJ: Not detected. Reporting limit may not be accurate or precise

UG/L = micrograms per liter or parts per billion

* DNX isomer inadvertently omitted by the analytical laboratory

Note: Detections not observed in effluent samples



O:\GIS\BAR_GIS\Map_Files\BrettingClubhouse.tl2016\Fig01_SystemDiagram.mxd

Area Map (Optional)

| | |
|------------------------|-----|
| FILE NUMBER: | |
| DESIGNED BY: | NS |
| DRAWN BY: | KJB |
| DATA QUALITY CHECK BY: | NS |



The Chemours Company
 500 West Jefferson Street
 Suite 1600
 Louisville, Kentucky 40202

Clubhouse Water System Flow Diagram

Former DuPont Barksdale Works
 Barksdale, Wisconsin 54806

PROJECT NUMBER:
 60595142

DATE:
 Nov 2019

FIGURE NUMBER:

1

ANALYTICAL REPORT

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Tel: (303)736-0100

Laboratory Job ID: 280-127609-1

Client Project/Site: BAR-Clubhouse Well Sampling 2019

For:

Chemours Company FC, LLC The
c/o AECOM
Sabre Building, Suite 300
4051 Ogletown Road
Newark, Delaware 19713

Attn: Sharon Nordstrom



Authorized for release by:
9/17/2019 11:09:01 AM

Stephanie Rothmeyer, Project Manager I
(303)736-0182

stephanie.rothmeyer@testamericainc.com

Designee for

Michelle Johnston, Project Manager II
(303)736-0110

michelle.johnston@testamericainc.com

LINKS

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results through
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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Qualifiers

GC/MS Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD Recovery is outside acceptance limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U | Indicates the analyte was analyzed for but not detected. |

LCMS

| Qualifier | Qualifier Description |
|-----------|--|
| U | Indicates the analyte was analyzed for but not detected. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

Case Narrative

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Job ID: 280-127609-1

Laboratory: Eurofins TestAmerica, Denver

Narrative

CASE NARRATIVE

Client: Chemours Company FC, LLC The

Project: BAR-Clubhouse Well Sampling 2019

Report Number: 280-127609-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Throughout this report the MDL is equivalent to the LOD and the RL is equivalent to the LOQ.

The LOD and LOQ have been adjusted for all dilutions performed.

RECEIPT

The sample was received on 8/23/2019 at 8:35 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.9° C.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample GW2019-CLUBHOUSE-INFLOW (280-127609-1) was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 08/27/2019 and analyzed on 09/10/2019.

1,5-Dimethyl-2,3-Dinitrobenzene failed the recovery criteria low for the MS and MSD of sample GW2019-CLUBHOUSE-INFLOW (280-127609-1) in batch 280-470229. Refer to the QC report for details.

The initial calibration verification (ICV) result for batch 280-470229 was above the upper control limit for 1,2-Dimethyl-4,5-Dinitrobenzene. Sample results were non-detect, and have been reported as qualified data.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

EXPLOSIVES

Sample GW2019-CLUBHOUSE-INFLOW (280-127609-1) was analyzed for explosives in accordance with EPA SW-846 Method 8321A. The samples were prepared on 08/26/2019 and analyzed on 08/27/2019.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 280-468823. A LCSD was analyzed to demonstrate batch precision.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Client Sample ID: GW2019-CLUBHOUSE-INFLOW

Lab Sample ID: 280-127609-1

No Detections.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Denver

Method Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

| Method | Method Description | Protocol | Laboratory |
|--------|--|----------|------------|
| 8270C | Semivolatile Organic Compounds (GC/MS) | SW846 | TAL DEN |
| 8321A | Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) | SW846 | TAL DEN |
| 3520C | Liquid-Liquid Extraction (Continuous) | SW846 | TAL DEN |
| 3535 | Solid-Phase Extraction (SPE) | SW846 | TAL DEN |

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



Sample Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|-------------------------|--------|----------------|----------------|----------|
| 280-127609-1 | GW2019-CLUBHOUSE-INFLOW | Water | 08/21/19 15:30 | 08/23/19 08:35 | |

1

2

3

4

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12

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14

15

Client Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Client Sample ID: GW2019-CLUBHOUSE-INFLOW

Lab Sample ID: 280-127609-1

Date Collected: 08/21/19 15:30

Matrix: Water

Date Received: 08/23/19 08:35

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|-----------|-----------|----------|------|------|---|----------------|----------------|---------|
| 1,2-Dimethyl-3,4-Dinitrobenzene | 0.48 | U | 10 | 0.48 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,2-Dimethyl-3,5-Dinitrobenzene | 0.66 | U | 10 | 0.66 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,2-Dimethyl-3,6-Dinitrobenzene | 0.82 | U | 10 | 0.82 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,2-Dimethyl-4,5-Dinitrobenzene | 0.78 | U | 10 | 0.78 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,3-Dimethyl-2,4-Dinitrobenzene | 0.90 | U | 10 | 0.90 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,3-Dimethyl-2,5-Dinitrobenzene | 0.84 | U | 10 | 0.84 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,4-Dimethyl-2,3-Dinitrobenzene | 0.76 | U | 10 | 0.76 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,4-Dimethyl-2,5-Dinitrobenzene | 1.5 | U | 20000 | 1.5 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,4-Dimethyl-2,6-Dinitrobenzene | 0.44 | U | 10 | 0.44 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,5-Dimethyl-2,3-Dinitrobenzene | 0.52 | U F1 | 10 | 0.52 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 1,5-Dimethyl-2,4-Dinitrobenzene | 0.54 | U | 10 | 0.54 | ug/L | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2,4,6-Tribromophenol | 71 | | 48 - 135 | | | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 2-Fluorobiphenyl | 79 | | 48 - 135 | | | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| 2-Fluorophenol | 70 | | 41 - 135 | | | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| Nitrobenzene-d5 | 81 | | 42 - 135 | | | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| Phenol-d5 | 73 | | 46 - 135 | | | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |
| Terphenyl-d14 | 93 | | 20 - 135 | | | | 08/27/19 14:38 | 09/10/19 21:59 | 1 |

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| 1,3,5-Trinitrobenzene | 0.016 | U | 0.095 | 0.016 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 1,3-Dinitrobenzene | 0.013 | U | 0.095 | 0.013 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 2,3-Dinitrotoluene | 0.014 | U | 0.095 | 0.014 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 2,4,6-Trinitro-3-xylene | 0.011 | U | 0.095 | 0.011 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 2,4,6-Trinitrotoluene | 0.021 | U | 0.095 | 0.021 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 2,4-Dinitrotoluene | 0.018 | U | 0.095 | 0.018 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 2,5-Dinitrotoluene | 0.013 | U | 0.095 | 0.013 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 2,6-Dinitrotoluene | 0.021 | U | 0.095 | 0.021 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 2-Amino-4,6-dinitrotoluene | 0.020 | U | 0.095 | 0.020 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 2-Nitrotoluene | 0.021 | U | 0.095 | 0.021 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 3,4-Dinitrotoluene | 0.019 | U | 0.095 | 0.019 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 3,5-Dinitrotoluene | 0.032 | U | 0.095 | 0.032 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 3-Nitrotoluene | 0.024 | U | 0.095 | 0.024 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 4-Amino-2,6-dinitrotoluene | 0.018 | U | 0.095 | 0.018 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| 4-Nitrotoluene | 0.025 | U | 0.095 | 0.025 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| HMX | 0.018 | U | 0.095 | 0.018 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| Nitrobenzene | 0.031 | U | 0.095 | 0.031 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| Nitroglycerin | 0.016 | U | 0.13 | 0.016 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| PETN | 0.017 | U | 0.095 | 0.017 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| RDX | 0.020 | U | 0.095 | 0.020 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| Tetryl | 0.020 | U | 0.095 | 0.020 | ug/L | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| Nitrobenzene-d5 | 79 | | 48 - 130 | | | | 08/26/19 15:50 | 08/27/19 19:39 | 1 |

Surrogate Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | TBP | FBP | 2FP | NBZ | PHL | TPHL |
|--------------------|-------------------------|----------|----------|----------|----------|----------|----------|
| | | (48-135) | (48-135) | (41-135) | (42-135) | (46-135) | (20-135) |
| 280-127609-1 | GW2019-CLUBHOUSE-INFLOW | 71 | 79 | 70 | 81 | 73 | 93 |
| 280-127609-1 MS | GW2019-CLUBHOUSE-INFLOW | 78 | 89 | 73 | 89 | 72 | 96 |
| 280-127609-1 MSD | GW2019-CLUBHOUSE-INFLOW | 79 | 89 | 76 | 91 | 81 | 97 |
| LCS 280-468946/2-A | Lab Control Sample | 79 | 87 | 78 | 89 | 81 | 95 |
| MB 280-468946/1-A | Method Blank | 74 | 84 | 76 | 88 | 78 | 94 |

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHL = Terphenyl-d14

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | NBZ |
|---------------------|-------------------------|----------|
| | | (48-130) |
| 280-127609-1 | GW2019-CLUBHOUSE-INFLOW | 79 |
| LCS 280-468823/2-A | Lab Control Sample | 83 |
| LCSD 280-468823/3-A | Lab Control Sample Dup | 82 |
| MB 280-468823/1-A | Method Blank | 70 |

Surrogate Legend

NBZ = Nitrobenzene-d5

QC Sample Results

Client: Chemours Company FC, LLC The
 Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 280-468946/1-A
Matrix: Water
Analysis Batch: 470229

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468946

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------|--------|-----------|-------|------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,2-Dimethyl-3,4-Dinitrobenzene | 0.24 | U | 5.0 | 0.24 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,2-Dimethyl-3,5-Dinitrobenzene | 0.33 | U | 5.0 | 0.33 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,2-Dimethyl-3,6-Dinitrobenzene | 0.41 | U | 5.0 | 0.41 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,2-Dimethyl-4,5-Dinitrobenzene | 0.39 | U | 5.0 | 0.39 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,3-Dimethyl-2,4-Dinitrobenzene | 0.45 | U | 5.0 | 0.45 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,3-Dimethyl-2,5-Dinitrobenzene | 0.42 | U | 5.0 | 0.42 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,4-Dimethyl-2,3-Dinitrobenzene | 0.38 | U | 5.0 | 0.38 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,4-Dimethyl-2,5-Dinitrobenzene | 0.76 | U | 10000 | 0.76 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,4-Dimethyl-2,6-Dinitrobenzene | 0.22 | U | 5.0 | 0.22 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,5-Dimethyl-2,3-Dinitrobenzene | 0.26 | U | 5.0 | 0.26 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 1,5-Dimethyl-2,4-Dinitrobenzene | 0.27 | U | 5.0 | 0.27 | ug/L | | 08/27/19 14:38 | 09/10/19 19:31 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 2,4,6-Tribromophenol | 74 | | 48 - 135 | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 2-Fluorobiphenyl | 84 | | 48 - 135 | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| 2-Fluorophenol | 76 | | 41 - 135 | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| Nitrobenzene-d5 | 88 | | 42 - 135 | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| Phenol-d5 | 78 | | 46 - 135 | 08/27/19 14:38 | 09/10/19 19:31 | 1 |
| Terphenyl-d14 | 94 | | 20 - 135 | 08/27/19 14:38 | 09/10/19 19:31 | 1 |

Lab Sample ID: LCS 280-468946/2-A
Matrix: Water
Analysis Batch: 470229

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468946

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | Limits |
|---------------------------------|-------------|--------|-----------|------|---|------|----------|
| | | Result | Qualifier | | | | |
| 1,2-Dimethyl-3,4-Dinitrobenzene | 50.0 | 46.0 | | ug/L | | 92 | 50 - 135 |
| 1,2-Dimethyl-3,5-Dinitrobenzene | 50.0 | 46.0 | | ug/L | | 92 | 50 - 135 |
| 1,2-Dimethyl-3,6-Dinitrobenzene | 50.0 | 46.4 | | ug/L | | 93 | 50 - 135 |
| 1,2-Dimethyl-4,5-Dinitrobenzene | 50.0 | 46.9 | | ug/L | | 94 | 50 - 135 |
| 1,3-Dimethyl-2,4-Dinitrobenzene | 50.0 | 45.8 | | ug/L | | 92 | 50 - 135 |
| 1,3-Dimethyl-2,5-Dinitrobenzene | 50.0 | 45.7 | | ug/L | | 91 | 50 - 135 |
| 1,4-Dimethyl-2,3-Dinitrobenzene | 50.0 | 46.4 | | ug/L | | 93 | 50 - 135 |
| 1,4-Dimethyl-2,5-Dinitrobenzene | 50.0 | 45.4 | J | ug/L | | 91 | 50 - 135 |
| 1,4-Dimethyl-2,6-Dinitrobenzene | 50.0 | 47.4 | | ug/L | | 95 | 50 - 135 |
| 1,5-Dimethyl-2,3-Dinitrobenzene | 50.0 | 45.7 | | ug/L | | 91 | 50 - 135 |
| 1,5-Dimethyl-2,4-Dinitrobenzene | 50.0 | 46.9 | | ug/L | | 94 | 50 - 135 |

| Surrogate | LCS | LCS | Limits |
|----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2,4,6-Tribromophenol | 79 | | 48 - 135 |
| 2-Fluorobiphenyl | 87 | | 48 - 135 |
| 2-Fluorophenol | 78 | | 41 - 135 |
| Nitrobenzene-d5 | 89 | | 42 - 135 |
| Phenol-d5 | 81 | | 46 - 135 |
| Terphenyl-d14 | 95 | | 20 - 135 |

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-127609-1 MS

Matrix: Water

Analysis Batch: 470229

Client Sample ID: GW2019-CLUBHOUSE-INFLOW

Prep Type: Total/NA

Prep Batch: 468946

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | Limits |
|---------------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | |
| 1,2-Dimethyl-3,4-Dinitrobenzene | 0.48 | U | 100 | 94.2 | | ug/L | | 94 | 50 - 135 |
| 1,2-Dimethyl-3,5-Dinitrobenzene | 0.66 | U | 100 | 95.5 | | ug/L | | 96 | 50 - 135 |
| 1,2-Dimethyl-3,6-Dinitrobenzene | 0.82 | U | 100 | 92.6 | | ug/L | | 93 | 50 - 135 |
| 1,2-Dimethyl-4,5-Dinitrobenzene | 0.78 | U | 100 | 91.9 | | ug/L | | 92 | 50 - 135 |
| 1,3-Dimethyl-2,4-Dinitrobenzene | 0.90 | U | 100 | 91.6 | | ug/L | | 92 | 50 - 135 |
| 1,3-Dimethyl-2,5-Dinitrobenzene | 0.84 | U | 100 | 91.9 | | ug/L | | 92 | 50 - 135 |
| 1,4-Dimethyl-2,3-Dinitrobenzene | 0.76 | U | 100 | 92.7 | | ug/L | | 93 | 50 - 135 |
| 1,4-Dimethyl-2,5-Dinitrobenzene | 1.5 | U | 100 | 90.1 | J | ug/L | | 90 | 50 - 135 |
| 1,4-Dimethyl-2,6-Dinitrobenzene | 0.44 | U | 100 | 91.2 | | ug/L | | 91 | 50 - 135 |
| 1,5-Dimethyl-2,3-Dinitrobenzene | 0.52 | U F1 | 100 | 0.52 | U F1 | ug/L | | 0 | 50 - 135 |
| 1,5-Dimethyl-2,4-Dinitrobenzene | 0.54 | U | 100 | 91.3 | | ug/L | | 91 | 50 - 135 |

| Surrogate | MS | MS | Limits |
|----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2,4,6-Tribromophenol | 78 | | 48 - 135 |
| 2-Fluorobiphenyl | 89 | | 48 - 135 |
| 2-Fluorophenol | 73 | | 41 - 135 |
| Nitrobenzene-d5 | 89 | | 42 - 135 |
| Phenol-d5 | 72 | | 46 - 135 |
| Terphenyl-d14 | 96 | | 20 - 135 |

Lab Sample ID: 280-127609-1 MSD

Matrix: Water

Analysis Batch: 470229

Client Sample ID: GW2019-CLUBHOUSE-INFLOW

Prep Type: Total/NA

Prep Batch: 468946

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | Limits | RPD | Limit |
|---------------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | |
| 1,2-Dimethyl-3,4-Dinitrobenzene | 0.48 | U | 100 | 95.2 | | ug/L | | 95 | 50 - 135 | 1 | 30 |
| 1,2-Dimethyl-3,5-Dinitrobenzene | 0.66 | U | 100 | 96.0 | | ug/L | | 96 | 50 - 135 | 1 | 30 |
| 1,2-Dimethyl-3,6-Dinitrobenzene | 0.82 | U | 100 | 97.0 | | ug/L | | 97 | 50 - 135 | 5 | 30 |
| 1,2-Dimethyl-4,5-Dinitrobenzene | 0.78 | U | 100 | 96.4 | | ug/L | | 96 | 50 - 135 | 5 | 30 |
| 1,3-Dimethyl-2,4-Dinitrobenzene | 0.90 | U | 100 | 94.5 | | ug/L | | 94 | 50 - 135 | 3 | 30 |
| 1,3-Dimethyl-2,5-Dinitrobenzene | 0.84 | U | 100 | 95.3 | | ug/L | | 95 | 50 - 135 | 4 | 30 |
| 1,4-Dimethyl-2,3-Dinitrobenzene | 0.76 | U | 100 | 97.9 | | ug/L | | 98 | 50 - 135 | 5 | 30 |
| 1,4-Dimethyl-2,5-Dinitrobenzene | 1.5 | U | 100 | 96.2 | J | ug/L | | 96 | 50 - 135 | 7 | 30 |
| 1,4-Dimethyl-2,6-Dinitrobenzene | 0.44 | U | 100 | 96.3 | | ug/L | | 96 | 50 - 135 | 5 | 30 |
| 1,5-Dimethyl-2,3-Dinitrobenzene | 0.52 | U F1 | 100 | 0.52 | U F1 | ug/L | | 0 | 50 - 135 | NC | 30 |
| 1,5-Dimethyl-2,4-Dinitrobenzene | 0.54 | U | 100 | 97.4 | | ug/L | | 97 | 50 - 135 | 6 | 30 |

| Surrogate | MSD | MSD | Limits |
|----------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2,4,6-Tribromophenol | 79 | | 48 - 135 |
| 2-Fluorobiphenyl | 89 | | 48 - 135 |
| 2-Fluorophenol | 76 | | 41 - 135 |
| Nitrobenzene-d5 | 91 | | 42 - 135 |
| Phenol-d5 | 81 | | 46 - 135 |
| Terphenyl-d14 | 97 | | 20 - 135 |

Eurofins TestAmerica, Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS)

Lab Sample ID: MB 280-468823/1-A
Matrix: Water
Analysis Batch: 468900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 468823

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,3,5-Trinitrobenzene | 0.017 | U | 0.10 | 0.017 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 1,3-Dinitrobenzene | 0.014 | U | 0.10 | 0.014 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 2,3-Dinitrotoluene | 0.015 | U | 0.10 | 0.015 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 2,4,6-Trinitro-3-xylene | 0.012 | U | 0.10 | 0.012 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 2,4,6-Trinitrotoluene | 0.022 | U | 0.10 | 0.022 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 2,4-Dinitrotoluene | 0.019 | U | 0.10 | 0.019 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 2,5-Dinitrotoluene | 0.014 | U | 0.10 | 0.014 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 2,6-Dinitrotoluene | 0.022 | U | 0.10 | 0.022 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 2-Amino-4,6-dinitrotoluene | 0.021 | U | 0.10 | 0.021 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 2-Nitrotoluene | 0.022 | U | 0.10 | 0.022 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 3,4-Dinitrotoluene | 0.020 | U | 0.10 | 0.020 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 3,5-Dinitrotoluene | 0.034 | U | 0.10 | 0.034 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 3-Nitrotoluene | 0.025 | U | 0.10 | 0.025 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 4-Amino-2,6-dinitrotoluene | 0.019 | U | 0.10 | 0.019 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| 4-Nitrotoluene | 0.026 | U | 0.10 | 0.026 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| HMX | 0.019 | U | 0.10 | 0.019 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| Nitrobenzene | 0.033 | U | 0.10 | 0.033 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| Nitroglycerin | 0.017 | U | 0.14 | 0.017 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| PETN | 0.018 | U | 0.10 | 0.018 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| RDX | 0.021 | U | 0.10 | 0.021 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |
| Tetryl | 0.021 | U | 0.10 | 0.021 | ug/L | | 08/26/19 15:50 | 08/27/19 18:03 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-----------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| Nitrobenzene-d5 | 70 | | 48 - 130 | 08/26/19 15:50 | 08/27/19 18:03 | 1 |

Lab Sample ID: LCS 280-468823/2-A
Matrix: Water
Analysis Batch: 468900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468823

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | Limits |
|----------------------------|-------------|--------|-----------|------|---|------|----------|
| | | Result | Qualifier | | | | |
| 1,3,5-Trinitrobenzene | 0.500 | 0.502 | | ug/L | | 100 | 48 - 135 |
| 1,3-Dinitrobenzene | 0.500 | 0.485 | | ug/L | | 97 | 64 - 122 |
| 2,3-Dinitrotoluene | 0.500 | 0.404 | | ug/L | | 81 | 50 - 150 |
| 2,4,6-Trinitro-3-xylene | 0.500 | 0.450 | | ug/L | | 90 | 50 - 150 |
| 2,4,6-Trinitrotoluene | 0.500 | 0.424 | | ug/L | | 85 | 10 - 145 |
| 2,4-Dinitrotoluene | 0.500 | 0.445 | | ug/L | | 89 | 55 - 117 |
| 2,5-Dinitrotoluene | 0.500 | 0.417 | | ug/L | | 83 | 50 - 150 |
| 2,6-Dinitrotoluene | 0.500 | 0.421 | | ug/L | | 84 | 54 - 123 |
| 2-Amino-4,6-dinitrotoluene | 0.500 | 0.455 | | ug/L | | 91 | 47 - 134 |
| 2-Nitrotoluene | 0.500 | 0.350 | | ug/L | | 70 | 25 - 127 |
| 3,4-Dinitrotoluene | 0.501 | 0.433 | | ug/L | | 86 | 50 - 150 |
| 3,5-Dinitrotoluene | 0.500 | 0.434 | | ug/L | | 87 | 50 - 150 |
| 3-Nitrotoluene | 0.500 | 0.350 | | ug/L | | 70 | 18 - 123 |
| 4-Amino-2,6-dinitrotoluene | 0.500 | 0.440 | | ug/L | | 88 | 50 - 139 |
| 4-Nitrotoluene | 0.500 | 0.379 | | ug/L | | 76 | 27 - 128 |
| HMX | 0.500 | 0.468 | | ug/L | | 94 | 63 - 119 |
| Nitrobenzene | 0.500 | 0.424 | | ug/L | | 85 | 39 - 131 |
| Nitroglycerin | 0.500 | 0.429 | | ug/L | | 86 | 60 - 121 |

Eurofins TestAmerica, Denver

QC Sample Results

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Method: 8321A - Nitroaromatic and Nitramine Compounds (Explosives) (LC/MS) (Continued)

Lab Sample ID: LCS 280-468823/2-A
Matrix: Water
Analysis Batch: 468900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 468823

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | |
|------------------|-------------|------------------|------------------|------|---|---------------|--------------|--|
| PETN | 0.500 | 0.429 | | ug/L | | 86 | 46 - 151 | |
| RDX | 0.500 | 0.484 | | ug/L | | 97 | 71 - 127 | |
| Tetryl | 0.500 | 0.590 | | ug/L | | 118 | 15 - 134 | |
| | | LCS LCS | | | | | | |
| Surrogate | | %Recovery | Qualifier | | | Limits | | |
| Nitrobenzene-d5 | | 83 | | | | 48 - 130 | | |

Lab Sample ID: LCSD 280-468823/3-A
Matrix: Water
Analysis Batch: 468900

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 468823

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | | RPD | Limit |
|----------------------------|-------------|------------------|------------------|------|---|---------------|--------------|--|-----|-------|
| 1,3,5-Trinitrobenzene | 0.500 | 0.507 | | ug/L | | 101 | 48 - 135 | | 1 | 57 |
| 1,3-Dinitrobenzene | 0.500 | 0.427 | | ug/L | | 85 | 64 - 122 | | 13 | 39 |
| 2,3-Dinitrotoluene | 0.500 | 0.418 | | ug/L | | 84 | 50 - 150 | | 3 | 30 |
| 2,4,6-Trinitro-3-xylene | 0.500 | 0.473 | | ug/L | | 95 | 50 - 150 | | 5 | 30 |
| 2,4,6-Trinitrotoluene | 0.500 | 0.418 | | ug/L | | 84 | 10 - 145 | | 1 | 68 |
| 2,4-Dinitrotoluene | 0.500 | 0.447 | | ug/L | | 89 | 55 - 117 | | 0 | 46 |
| 2,5-Dinitrotoluene | 0.500 | 0.291 | | ug/L | | 58 | 50 - 150 | | 36 | 50 |
| 2,6-Dinitrotoluene | 0.500 | 0.464 | | ug/L | | 93 | 54 - 123 | | 10 | 44 |
| 2-Amino-4,6-dinitrotoluene | 0.500 | 0.444 | | ug/L | | 89 | 47 - 134 | | 2 | 41 |
| 2-Nitrotoluene | 0.500 | 0.377 | | ug/L | | 75 | 25 - 127 | | 7 | 68 |
| 3,4-Dinitrotoluene | 0.501 | 0.318 | | ug/L | | 64 | 50 - 150 | | 30 | 30 |
| 3,5-Dinitrotoluene | 0.500 | 0.432 | | ug/L | | 86 | 50 - 150 | | 1 | 30 |
| 3-Nitrotoluene | 0.500 | 0.370 | | ug/L | | 74 | 18 - 123 | | 6 | 89 |
| 4-Amino-2,6-dinitrotoluene | 0.500 | 0.481 | | ug/L | | 96 | 50 - 139 | | 9 | 36 |
| 4-Nitrotoluene | 0.500 | 0.366 | | ug/L | | 73 | 27 - 128 | | 3 | 72 |
| HMX | 0.500 | 0.471 | | ug/L | | 94 | 63 - 119 | | 1 | 34 |
| Nitrobenzene | 0.500 | 0.417 | | ug/L | | 83 | 39 - 131 | | 2 | 58 |
| Nitroglycerin | 0.500 | 0.439 | | ug/L | | 88 | 60 - 121 | | 2 | 71 |
| PETN | 0.500 | 0.416 | | ug/L | | 83 | 46 - 151 | | 3 | 50 |
| RDX | 0.500 | 0.505 | | ug/L | | 101 | 71 - 127 | | 4 | 25 |
| Tetryl | 0.500 | 0.629 | | ug/L | | 126 | 15 - 134 | | 6 | 51 |
| | | LCSD LCSD | | | | | | | | |
| Surrogate | | %Recovery | Qualifier | | | Limits | | | | |
| Nitrobenzene-d5 | | 82 | | | | 48 - 130 | | | | |

QC Association Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

GC/MS Semi VOA

Prep Batch: 468946

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|-------------------------|-----------|--------|--------|------------|
| 280-127609-1 | GW2019-CLUBHOUSE-INFLOW | Total/NA | Water | 3520C | |
| MB 280-468946/1-A | Method Blank | Total/NA | Water | 3520C | |
| LCS 280-468946/2-A | Lab Control Sample | Total/NA | Water | 3520C | |
| 280-127609-1 MS | GW2019-CLUBHOUSE-INFLOW | Total/NA | Water | 3520C | |
| 280-127609-1 MSD | GW2019-CLUBHOUSE-INFLOW | Total/NA | Water | 3520C | |

Analysis Batch: 470229

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|-------------------------|-----------|--------|--------|------------|
| 280-127609-1 | GW2019-CLUBHOUSE-INFLOW | Total/NA | Water | 8270C | 468946 |
| MB 280-468946/1-A | Method Blank | Total/NA | Water | 8270C | 468946 |
| LCS 280-468946/2-A | Lab Control Sample | Total/NA | Water | 8270C | 468946 |
| 280-127609-1 MS | GW2019-CLUBHOUSE-INFLOW | Total/NA | Water | 8270C | 468946 |
| 280-127609-1 MSD | GW2019-CLUBHOUSE-INFLOW | Total/NA | Water | 8270C | 468946 |

LCMS

Prep Batch: 468823

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|-------------------------|-----------|--------|--------|------------|
| 280-127609-1 | GW2019-CLUBHOUSE-INFLOW | Total/NA | Water | 3535 | |
| MB 280-468823/1-A | Method Blank | Total/NA | Water | 3535 | |
| LCS 280-468823/2-A | Lab Control Sample | Total/NA | Water | 3535 | |
| LCSD 280-468823/3-A | Lab Control Sample Dup | Total/NA | Water | 3535 | |

Analysis Batch: 468900

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|-------------------------|-----------|--------|--------|------------|
| 280-127609-1 | GW2019-CLUBHOUSE-INFLOW | Total/NA | Water | 8321A | 468823 |
| MB 280-468823/1-A | Method Blank | Total/NA | Water | 8321A | 468823 |
| LCS 280-468823/2-A | Lab Control Sample | Total/NA | Water | 8321A | 468823 |
| LCSD 280-468823/3-A | Lab Control Sample Dup | Total/NA | Water | 8321A | 468823 |

Lab Chronicle

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Client Sample ID: GW2019-CLUBHOUSE-INFLOW

Lab Sample ID: 280-127609-1

Date Collected: 08/21/19 15:30

Matrix: Water

Date Received: 08/23/19 08:35

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3520C | | | 500 mL | 1 mL | 468946 | 08/27/19 14:38 | FGL | TAL DEN |
| Total/NA | Analysis | 8270C | | 1 | 200 uL | 1.0 mL | 470229 | 09/10/19 21:59 | MPF | TAL DEN |
| Total/NA | Prep | 3535 | | | 1048 mL | 5 mL | 468823 | 08/26/19 15:50 | KSA | TAL DEN |
| Total/NA | Analysis | 8321A | | 1 | | | 468900 | 08/27/19 19:39 | AGCM | TAL DEN |

Laboratory References:

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Chemours Company FC, LLC The
Project/Site: BAR-Clubhouse Well Sampling 2019

Job ID: 280-127609-1

Laboratory: Eurofins TestAmerica, Denver

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------------|-----------------------|-----------------|
| Wisconsin | State Program | 999615430 | 08-31-20 |

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Chain of Custody Record

| | | | | | | |
|---|--|---|--|--|---|---|
| Client Information Client Contact: Sharon Nordstrom Company: E.I. du Pont de Nemours and Company ADOM Address: c/o AECOM Sabre Building, Suite 300 4051 Ogletown Road City: Newark State, Zip: DE, 19713 Phone: 302-781-5936 Email: sharon.nordstrom@aecom.com Project Name: BAR-Clubhouse Well Sampling 2019 Site: BARSDALE | | Sampler: ERIC STAMM Lab PM: Johnston, Michelle A Carrier Tracking No(s): FEDEx Page: 1 of 1 Job #: 507419 | Lab Mail: michelle.johnston@testamericainc.com Phone: 920-621-3818 Analysis Requested | Due Date Requested: NORMAL TAT Requested (days): 15 Business Days PO #: LBIO-67048/77201000-WH06-507975 WO #: 507419 Project #: 28003388 SSOW#: | Total Number of Containers: 4 Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify) | |
| Sample Identification GW2019-CLUBHOUSE-INFLOW Matrix (Water, Solid, D-mercuric) Sample Type (C=comp, G=grab) G Sample Time 15:30 Sample Date 8/21/19 Preservation Code: water | | Perform MS/MSD (Yes or No) X 821A Nitro organics (Full list + DNT + TNX) N 8270C - DNx Isomers N Field Filtered Sample (Yes or No) X | Special Instructions/Note: 280-127609 Chain of Custody | Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify) | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | |
| Relinquished by: Eric Stamm Date/Time: 8/22/19 12:00 Company: | | Relinquished by: Eric Stamm Date/Time: 8/22/19 12:00 Company: | | Relinquished by: Eric Stamm Date/Time: 8/22/19 12:00 Company: | | Relinquished by: Eric Stamm Date/Time: 8/22/19 12:00 Company: |
| Custody Seals Intact: Δ Yes Δ No | | Custody Seal No.: | | Cooler Temperature(s) °C and Other Remarks: 49, to 1K8, stored by SB 8/23/19 | | Method of Shipment: |



Login Sample Receipt Checklist

Client: Chemours Company FC, LLC The

Job Number: 280-127609-1

Login Number: 127609

List Source: Eurofins TestAmerica, Denver

List Number: 1

Creator: Zimmerman, Steven M

| Question | Answer | Comment |
|---|--------|---------|
| Radioactivity wasn't checked or is \leq background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

