# DATA SUMMARY POSTING

Station: Midwest Generation Will County Generating Station

Regulated Unit(s): Pond 2S (BOL Log No. 2021-514)
Pond 3S (BOL Log No. 2021-515)

In accordance with the new Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments (State CCR Rule) groundwater monitoring was completed during the 1st quarter 2026 which includes the entire list of parameters specified under Section 845.600(a)(1) and (b). Table 1 is a summary table of all available CCR monitoring data to date.

No background statistics or proposed Groundwater Protection Standards are included on these tables. The background statistics and Proposed Groundwater Protection Standards were submitted to Illinois Environmental Protection Agency (EPA) as part of the Application for Initial Operating Permit submitted October 31, 2021. Upon Illinois EPA approval of the Operating Permit and Proposed Groundwater Protection Standards, the approved comparison values will be included on the tables for subsequent data comparisons/evaluations.

Table 1. Groundwater Analytical Data, Pond 2S and Pond 3S, Midwest Generation, LLC, Will County Generating Station, Romeoville, IL.

| Well | Date | Boron | Calcium | Chloride | Fluoride | pH | Sulfate | Total Dissolved Solids | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Lead | Lithium | Mercury | Molybdenum | Radium 226 + 228 Combined | Selenium | Thallium | Turbidity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-05 upgradient | 11/11/2015 | 6.1 | 220 | 110 | 0.31 | 7.24 | 770 | 1900 | < 0.0030 | 0.0014 | 0.071 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.013 | < 0.00020 | 0.0750 | -0.168 | 0.031 | < 0.0020 | NA |
| | 2/18/2016 | 4.4 | 230 | 120 | 0.31 | 6.99 | 730 | 1600 | < 0.0030 | 0.0021 | 0.058 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.079 | 0.468 | 0.019 | < 0.0020 | NA |
| | 5/26/2016 | 3.7 | 170 | 110 | 0.33 | 6.73 | 670 | 1500 | < 0.0030 | 0.0023 | 0.055 | ^ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.011 | < 0.00020 | 0.077 | < 0.402 | 0.019 | < 0.0020 | NA |
| | 8/10/2016 | 3.6 | 67 | 120 | 0.72 | 8.62 | 480 | 970 | < 0.0030 | 0.0044 | 0.043 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | F1 < 0.00020 | 0.14 | < 0.394 | 0.0049 | < 0.0020 | NA |
| | 10/26/2016 | 3.6 | 44 | 120 | 0.70 | 9.08 | 410 | 920 | < 0.0030 | 0.0047 | 0.033 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.12 | 0.592 | < 0.0025 | < 0.0020 | NA |
| | 2/1/2017 | 4.6 | 250 | 48 | 0.35 | 6.81 | 530 | 1600 | < 0.0030 | 0.0015 | 0.058 | * < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | ^ < 0.00020 | 0.048 | < 0.424 | 0.029 | < 0.0020 | NA |
| | 5/11/2017 | 4.0 | 140 | 85 | 0.31 | 7.86 | 610 | 1200 | < 0.0030 | 0.0035 | 0.053 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.093 | < 0.388 | < 0.0025 | < 0.0020 | NA |
| | 6/27/2017 | 3.8 | 83 | 99 | 0.53 | 7.95 | 500 | 1000 | < 0.0030 | 0.0037 | 0.045 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.11 | 0.412 | < 0.0025 | < 0.0020 | NA |
| | *9/8/2017* | 4.8 | 89 | 78 | 0.52 | 9.40 | 490 | 1000 | < 0.0030 | 0.0038 | V 0.069 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.095 | 0.486 | 0.0047 | < 0.0020 | NA |
| | *11/16/2017* | 4.8 | 180 | 52 | 0.45 | 6.70 | 650 | 1500 | < 0.0030 | 0.0028 | 0.065 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.021 | < 0.00020 | 0.064 | < 0.379 | 0.012 | < 0.0020 | NA |
| | *5/2/2018* | 3.6 | 200 | 32 | 0.39 | 7.23 | 510 | 1300 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *10/3/2018* | 4.9 | 150 | 55 | 0.48 | 7.07 | 430 | 1200 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/29/2019* | 4.1 | 61 | 91 | 0.59 | 9.10 | 380 | 870 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *12/6/2019* | 4.9 | 170 | 31 | 0.41 | 6.95 | 440 | 1200 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/22/2020* | 4.5 | 52 | 70 | 0.59 | 7.39 | 300 | 870 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *11/4/2020* | 5.0 | 130 | 29 | 0.38 | 7.06 | 410 | 1100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/24/2021* | 4.7 | 120 | 28 | 0.53 | 7.07 | 430 | 1000 | < 0.0030 | 0.0011 | 0.046 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.063 | < 0.492 | 0.042 | < 0.0020 | 3.78 |
| | *8/24/2021* | 4.6 | 33 | 45 | 0.74 | 9.42 | 410 | 580 | < 0.0030 | 0.0054 | 0.028 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.091 | 1.230 | < 0.0025 | < 0.0020 | 3.50 |
| | *11/23/2021* | 5.5 | 140 | 22 | 0.44 | 6.80 | 370 | 1100 | < 0.0030 | 0.0035 | 0.066 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.066 | 0.784 | 0.012 | < 0.0020 | 4.45 |
| | *2/24/2022* | 4.9 | 210 | 25 | 0.39 | 6.73 | 660 | 1400 | < 0.0030 | 0.0092 | 0.077 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.059 | < 0.415 | 0.048 | < 0.0020 | 0.37 |
| | *6/16/2022* | 5.1 | 120 | 41 | 0.34 | 7.05 | 510 | 1100 | < 0.0030 | 0.0037 | 0.055 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.011 | < 0.00020 | 0.064 | < 0.471 | 0.0080 | < 0.0020 | 1.76 |
| | *8/25/2022* | 6.6 | 130 | 20 | 0.40 | 6.69 | 300 | 940 | < 0.0030 | 0.0043 | 0.072 | < 0.0010 | ^1+ < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.061 | < 0.570 | 0.0056 | < 0.0020 | 2.99 |
| | *11/15/2022* | 8.9 | 150 | 9.8 | 0.72 | 6.78 | 310 | 930 | < 0.0030 | 0.032 | 0.099 | ^+ < 0.0010 | 0.0040 | 0.0083 | < 0.0010 | < 0.00050 | 0.020 | < 0.00020 | 0.10 | < 0.569 | 0.089 | < 0.0020 | 38.90 |
| | *2/23/2023* | 6.3 | 120 | 26 | 0.43 | 6.83 | 430 | 1100 | < 0.0030 | 0.0018 | 0.058 | ^1+ ^+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | 0.00027 | 0.067 | < 0.655 | 0.021 | < 0.0020 | 2.18 |
| | *4/26/2023* | 4.9 | 210 | 33 | 0.47 | 6.73 | 670 | 1600 | < 0.0030 | 0.0022 | 0.040 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.013 | < 0.00020 | 0.055 | < 0.479 | 0.039 | < 0.0020 | 1.60 |
| | *7/26/2023* | 4.8 | 180 | 18 | 0.50 | 6.91 | 440 | 1200 | < 0.0030 | 0.0014 | 0.061 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.021 | < 0.00020 | 0.053 | 0.823 | 0.070 | < 0.0020 | 7.10 |
| | *10/24/2023* | 6.8 | 140 | 8.6 | 0.52 | 6.68 | 210 | 850 | < 0.0030 | 0.0014 | 0.074 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.023 | < 0.00020 | 0.071 | < 0.967 | 0.077 | < 0.0020 | 0.80 |
| | *12/7/2023 R* | 5.7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *2/7/2024* | 4.8 | 260 | 38 | 0.32 | 6.62 | 800 | 1900 | ^1+ < 0.030 | 0.0018 | 0.060 | ^1+ < 0.010 | ^+ < 0.00050 | < 0.0050 | ^+ < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.046 | < 0.655 | 0.055 | ^+ < 0.0020 | 0.82 |
| | *5/8/2024* | 5.3 | 83 | 34 | 0.65 | 7.36 | 450 | 930 | < 0.030 | 0.0020 | 0.033 | < 0.010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.050 | < 0.00020 | 0.079 | < 0.655 | 0.0054 | < 0.0020 | 6.47 |
| | *8/6/2024* | 5.2 | 120 | 31 | 0.52 | 6.72 | 420 | 1000 | < 0.0030 | 0.0015 | 0.052 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.054 | < 0.608 | 0.0049 | < 0.0020 | 0.31 |
| | *11/5/2024* | 5.8 | 110 | 30 | 0.58 | 7.46 | 410 | 1000 | < 0.0030 | 0.0020 | 0.056 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.067 | < 0.559 | < 0.0025 | < 0.0020 | 1.32 |
| | *2/5/2025* | ^5- 4.3 | 97 | 17 | 0.46 | 7.16 | 290 | 760 | < 0.0030 | 0.0011 | 0.039 | ^5- ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | ^5- 0.012 | < 0.00020 | 0.056 | < 0.507 | 0.016 | < 0.0020 | 52.96 |
| | *5/7/2025* | 4.1 | 300 | 45 | 0.47 | 6.87 | 830 | 1800 | < 0.0030 | < 0.0010 | 0.056 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.043 | 0.610 | 0.060 | < 0.0020 | 2.02 |
| | *8/5/2025* | 4.0 | 160 | 19 | 0.67 | 6.65 | 310 | 980 | < 0.0030 | 0.0011 | 0.061 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.020 | < 0.00020 | 0.039 | 1.21 | 0.046 | < 0.0020 | 1.16 |
| | *11/12/2025* | 5.9 | 85 | 32 | 0.60 | 7.16 | 400 | 830 | < 0.0030 | 0.0024 | 0.051 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.062 | < 0.255 | < 0.0025 | < 0.0020 | 3.33 |
| | *2/18/2026* | 4.3 | 160 | 18 | 0.50 | 7.25 | 400 | 1000 | 0.0010 | 0.0010 | 0.045 | < 0.00040 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.063 | < 0.210 | 0.068 | < 0.00040 | 7.34 |
| MW-06 upgradient | 11/10/2015 | 3.0 | 52 | 100 | 0.55 | 8.63 | 300 | 660 | < 0.0030 | 0.0016 | 0.048 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.011 | < 0.00020 | 0.067 | -0.383 | 0.0039 | < 0.0020 | NA |
| | 2/18/2016 | 2.5 | 74 | 150 | 0.47 | 8.58 | 280 | 650 | < 0.0030 | 0.0014 | 0.068 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.063 | 0.412 | < 0.0025 | < 0.0020 | NA |
| | 5/26/2016 | 2.7 | 86 | 92 | 0.44 | 7.79 | 350 | 800 | < 0.0030 | 0.0020 | 0.068 | ^ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.042 | < 0.422 | < 0.0025 | < 0.0020 | NA |
| | 8/11/2016 | 3.6 | 110 | 58 | 0.35 | 7.74 | 330 | 840 | < 0.0030 | 0.0029 | 0.086 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.038 | < 0.339 | < 0.0025 | < 0.0020 | NA |
| | 10/26/2016 | 3.8 | 86 | 74 | 0.40 | 8.16 | 220 | 800 | < 0.0030 | 0.0030 | 0.074 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.013 | < 0.00020 | 0.043 | < 0.531 | < 0.0025 | < 0.0020 | NA |
| | 2/1/2017 | 3.4 | 70 | 83 | 0.41 | 7.88 | 260 | 700 | < 0.0030 | 0.0043 | 0.068 | * < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | ^ < 0.00020 | 0.050 | < 0.511 | 0.0035 | < 0.0020 | NA |
| | 5/11/2017 | 3.0 | 75 | 84 | 0.28 | 8.68 | 330 | 570 | < 0.0030 | 0.0020 | 0.054 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00054 | 0.011 | < 0.00020 | 0.054 | < 0.388 | < 0.0025 | < 0.0020 | NA |
| | 6/27/2017 | 3.1 | 65 | 74 | 0.38 | 8.15 | 330 | 710 | < 0.0030 | 0.0014 | 0.069 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.046 | 0.408 | < 0.0025 | < 0.0020 | NA |
| | *9/7/2017* | 3.5 | 75 | 67 | 0.40 | 8.20 | 300 | 740 | < 0.0030 | 0.0025 | 0.077 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.013 | < 0.00020 | 0.044 | 0.397 | < 0.0025 | < 0.0020 | NA |
| | *11/16/2017* | 3.9 | 88 | 54 | 0.39 | 7.59 | 280 | 810 | < 0.0030 | 0.0028 | 0.077 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.038 | 0.491 | 0.012 | < 0.0020 | NA |
| | *5/3/2018* | 3.0 | 91 | 52 | 0.26 | 6.91 | 530 | 750 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *7/25/2018 R* | NA | NA | NA | NA | 7.47 | 280 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *10/3/2018* | 3.5 | 93 | 44 | 0.31 | 7.83 | 240 | 720 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/29/2019* | 4.3 | 120 | 38 | 0.21 | 7.51 | 350 | 1000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *7/3/2019 R* | 3.2 | NA | NA | NA | 8.28 | NA | 740 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *12/6/2019* | 4.2 | 98 | 31 | 0.33 | 7.91 | 210 | 740 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/22/2020* | 3.4 | 98 | 56 | 0.31 | 7.47 | 180 | 710 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *11/3/2020* | 3.3 | 100 | 43 | 0.36 | 7.29 | 170 | 700 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/24/2021* | 2.6 | 99 | 46 | 0.33 | 7.65 | 160 | 610 | < 0.0030 | 0.0025 | 0.080 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.017 | 0.576 | < 0.0025 | < 0.0020 | 5.18 |
| | *8/24/2021* | 2.9 | 100 | 100 | 0.35 | 7.09 | 170 | 370 | < 0.0030 | 0.0029 | 0.093 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.021 | < 0.00020 | 0.018 | < 0.468 | < 0.0025 | < 0.0020 | 7.00 |
| | *11/23/2021* | 2.6 | 85 | 43 | 0.37 | 7.48 | 150 | 720 | < 0.0030 | 0.0020 | 0.070 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.017 | 1.02 | < 0.0025 | < 0.0020 | 6.38 |
| | *2/22/2022* | 2.8 | 130 | 35 | 0.33 | 7.29 | 260 | 940 | < 0.0030 | 0.0019 | 0.090 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.033 | 0.551 | 0.050 | < 0.0020 | 0.47 |
| | *6/14/2022* | 2.5 | 110 | 22 | 0.35 | 7.06 | 210 | 610 | < 0.0030 | 0.0018 | 0.082 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.018 | 1.22 | < 0.0025 | < 0.0020 | 3.87 |
| | *8/25/2022* | 2.7 | 110 | 20 | 0.42 | 7.31 | 170 | 750 | < 0.0030 | 0.0023 | 0.088 | < 0.0010 | ^1+ < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.021 | < 0.519 | < 0.0025 | < 0.0020 | 2.60 |
| | *11/15/2022* | 3.2 | 110 | 19 | 0.47 | 7.41 | 160 | 600 | < 0.0030 | 0.0017 | 0.083 | ^+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.021 | 1.08 | < 0.0025 | < 0.0020 | 8.12 |
| | *2/23/2023* | 3 | 110 | 17 | 0.35 | 7.54 | 190 | 680 | < 0.0030 | 0.0023 | 0.086 | ^1+ ^+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.023 | 0.948 | 0.022 | < 0.0020 | 10.08 |
| | *4/26/2023* | 2.0 | 100 | 15 | 0.36 | 7.42 | 150 | 610 | < 0.0030 | 0.0023 | 0.070 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.019 | < 0.422 | < 0.0025 | < 0.0020 | 47.60 |
| | *7/26/2023* | 2.5 | 110 | 16 | 0.42 | 7.60 | 170 | 610 | < 0.0030 | 0.0022 | 0.083 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.022 | < 0.653 | < 0.0025 | < 0.0020 | 3.70 |
| | *10/24/2023* | 2.5 | 100 | 13 | 0.40 | 7.34 | 140 | 580 | < 0.0030 | 0.0025 | 0.079 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.020 | < 0.00020 | 0.021 | < 0.482 | < 0.0025 | < 0.0020 | 0.80 |
| | *2/7/2024* | 2.5 | 96 | 12 | 0.39 | 7.39 | 150 | 570 | ^1+ < 0.0300 | 0.0017 | 0.077 | ^1+ < 0.0100 | ^+ < 0.00050 | < 0.0050 | ^+ < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.021 | < 0.483 | ^+ < 0.0025 | ^+ < 0.0020 | 5.24 |
| | *5/8/2024* | 2.3 | 110 | 13 | 0.37 | 7.66 | 180 | 630 | < 0.0030 | 0.0013 | 0.081 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.021 | < 0.600 | 0.0065 | < 0.0020 | 13.11 |
| | *8/6/2024* | 2.3 | 110 | 15 | 0.38 | 7.34 | 180 | 580 | < 0.0030 | 0.0025 | 0.090 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.019 | < 0.00020 | 0.020 | 0.587 | < 0.0025 | < 0.0020 | 1.49 |
| | *11/5/2024* | 2.8 | 120 | 11 | 0.42 | 7.61 | 160 | 720 | < 0.0030 | 0.0019 | 0.10 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.020 | < 0.355 | < 0.0025 | < 0.0020 | 2.79 |
| | *2/5/2025* | ^5- 2.2 | 110 | 12 | 0.32 | 7.49 | 170 | 710 | < 0.0030 | 0.0013 | 0.085 | ^5- ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | ^5- 0.014 | < 0.00020 | 0.024 | < 0.577 | 0.027 | < 0.0020 | 48.71 |
| | *5/7/2025* | 2.0 | 110 | 11 | 0.38 | 7.55 | 140 | 610 | < 0.0030 | 0.0012 | 0.082 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.024 | < 0.104 | < 0.0025 | < 0.0020 | 26.14 |
| | *8/5/2025* | 2.4 | 110 | 11 | 0.53 | 7.26 | 160 | 660 | < 0.0030 | 0.0012 | 0.078 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.019 | < 0.00020 | 0.026 | < 0.194 | < 0.0025 | < 0.0020 | 4.39 |
| | *11/12/2025* | 2.6 | 110 | 11 | 0.46 | 7.16 | 170 | 530 | < 0.0030 | 0.0019 | 0.091 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.024 | < 0.592 | < 0.0025 | < 0.0020 | 6.46 |
| | *2/18/2026* | 2.3 | 110 | 11 | 0.42 | 7.75 | 150 | 660 | < 0.0010 | < 0.0010 | 0.088 | < 0.00040 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.024 | < 0.595 | < 0.0025 | < 0.00040 | 2.14 |

Notes: All units are in mg/l (milligrams/liter) with the exception of pH (standard units), radium (pCi/L), and turbidity (Nephelometric Turbidity Units)

*Italicized Date* - First round of Detection Monitoring and resample after statistical background establishment.

NA - Not analyzed. No confirmation resample required.

R - Resample

F1 - MS and/or MSD Recovery outside of limits.

V - Serial Dilution exceeds the control limits

^ - Instrument related QC is outside acceptance limits.

* - LCS or LCSD is outside acceptance limits.

^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.

^5- - Linear Range Check (LRC) is outside acceptence limits, low biased.

Table 1. Groundwater Analytical Data, Pond 2S and Pond 3S, Midwest Generation, LLC, Will County Generating Station, Romeoville, IL.

| Well | Date | Boron | Calcium | Chloride | Fluoride | pH | Sulfate | Total Dissolved Solids | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Lead | Lithium | Mercury | Molybdenum | Radium 226 + 228 Combined | Selenium | Thallium | Turbidity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-09 downgradient | 11/11/2015 | 1.9 | 56 | 190 | 0.55 | 9.12 | 460 | 750 | < 0.0030 | 0.0047 | 0.027 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.14 | -0.2208 | < 0.0025 | < 0.0020 | NA |
| | 2/17/2016 | 1.8 | 47 | 160 | 0.55 | 9.10 | 250 | 600 | < 0.0030 | 0.0051 | 0.027 | ^< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00065 | < 0.010 | < 0.00020 | 0.089 | < 0.373 | < 0.0025 | < 0.0020 | NA |
| | 5/24/2016 | 1.6 | 48 | 180 | 0.51 | 8.79 | 240 | 640 | < 0.0030 | 0.0043 | 0.027 | ^< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00071 | < 0.010 | < 0.00020 | 0.079 | 0.508 | < 0.0025 | < 0.0020 | NA |
| | 8/9/2016 | 2.2 | 53 | 140 | 0.48 | 8.35 | 280 | 750 | < 0.0030 | 0.0052 | 0.031 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.14 | 0.639 | < 0.0025 | < 0.0020 | NA |
| | 10/26/2016 | 2.2 | 33 | 130 | 0.81 | 9.16 | 230 | 660 | < 0.0030 | 0.0069 | 0.019 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.11 | 0.608 | < 0.0025 | < 0.0020 | NA |
| | 1/31/2017 | 2.0 | 61 | 250 | 0.57 | 8.59 | 180 | 710 | < 0.0030 | 0.0063 | 0.038 | *< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.0014 | < 0.010 | ^< 0.00020 | 0.090 | < 0.450 | < 0.0025 | < 0.0020 | NA |
| | 5/9/2017 | 1.8 | 66 | 340 | 0.38 | 8.58 | 250 | 900 | < 0.0030 | 0.0052 | 0.038 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00054 | < 0.010 | < 0.00020 | 0.093 | < 0.361 | < 0.0025 | < 0.0020 | NA |
| | 6/27/2017 | 1.9 | 64 | 330 | 0.51 | 7.76 | 240 | 940 | < 0.0030 | 0.0046 | 0.039 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.091 | 0.638 | < 0.0025 | < 0.0020 | NA |
| | *9/6/2017* | 1.8 | 59 | 310 | 0.51 | 8.98 | 240 | 890 | < 0.0030 | 0.0047 | 0.038 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.10 | 0.454 | < 0.0025 | < 0.0020 | NA |
| | *11/14/2017* | 2.6 | 160 | 270 | 0.51 | 8.1 | 290 | 910 | < 0.0030 | 0.0017 | 0.11 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.026 | < 0.372 | 0.0061 | < 0.0020 | NA |
| | *5/1/2018* | 1.7 | 49 | 200 | 0.52 | 7.81 | 430 | 820 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *7/25/2018 R* | NA | NA | NA | NA | NA | 320 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *10/2/2018* | 2.1 | 49 | 170 | 0.55 | 8.09 | 270 | 820 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/29/2019* | 1.5 | 48 | 280 | 0.29 | 8.90 | 150 | 750 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *12/6/2019* | 2.0 | 38 | 140 | 0.46 | 8.65 | 160 | 630 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/26/2020* | 1.3 | 55 | 320 | 0.32 | 8.66 | 140 | 720 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *11/3/2020* | 2.0 | 43 | 240 | 0.55 | 8.64 | 180 | 750 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/26/2021* | 1.6 | 67 | 360 | 0.39 | 8.74 | 180 | 900 | < 0.0030 | 0.0044 | 0.054 | ^1+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.054 | 0.741 | < 0.0025 | < 0.0020 | 14.12 |
| | *8/25/2021* | 1.9 | 60 | 360 | 0.43 | 9.06 | 210 | 800 | < 0.0030 | 0.0065 | 0.049 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.067 | < 0.444 | < 0.0025 | < 0.0020 | 1.93 |
| | *11/23/2021* | 1.1 | 30 | 290 | 0.47 | 8.73 | 210 | 900 | < 0.0030 | 0.0046 | 0.024 | ^1+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.037 | 0.789 | < 0.0025 | < 0.0020 | 19.07 |
| | *2/22/2022* | 1.5 | 49 | 250 | 0.4 | 8.65 | 160 | 900 | < 0.0030 | 0.0070 | 0.037 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.0065 | < 0.00020 | 0.051 | < 0.409 | < 0.0025 | < 0.0020 | 0.59 |
| | *6/15/2022* | 1.9 | 43 | 230 | 0.48 | 8.35 | 180 | 730 | < 0.0030 | 0.0071 | 0.036 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.057 | < 0.39 | < 0.0025 | < 0.0020 | 113.77 |
| | *8/25/2022* | 2.1 | 38 | 210 | 0.58 | 8.68 | 190 | 770 | < 0.0030 | 0.0089 | 0.034 | < 0.0010 | ^1+< 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.065 | 1.22 | < 0.0025 | < 0.0020 | 1.93 |
| | *11/16/2022* | 2.3 | 37 | 210 | 0.79 | 8.82 | 160 | 690 | < 0.0030 | 0.0094 | 0.036 | ^+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00066 | < 0.010 | < 0.00020 | 0.067 | < 0.510 | < 0.0025 | < 0.0020 | 11.73 |
| | *2/23/2023* | 2.0 | 38 | 190 | 0.53 | 9.04 | 210 | 680 | < 0.0030 | 0.0086 | 0.029 | ^1+ ^+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.065 | < 0.614 | < 0.0025 | < 0.0020 | 10.34 |
| | *4/26/2023* | 1.8 | 38 | 190 | 0.48 | 8.82 | 220 | 750 | < 0.0030 | 0.0080 | 0.029 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.062 | < 0.562 | < 0.0025 | < 0.0020 | 2.90 |
| | *7/26/2023* | 2.0 | 44 | 190 | 0.49 | 8.83 | 250 | 720 | < 0.0030 | 0.0087 | 0.036 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.074 | < 0.733 | < 0.0025 | < 0.0020 | 6.50 |
| | *10/24/2023* | 2.0 | 41 | 200 | 0.52 | 8.68 | 200 | 770 | < 0.0030 | 0.010 | 0.035 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.070 | < 0.549 | < 0.0025 | < 0.0020 | 9.50 |
| | *2/7/2024* | 2.1 | 39 | 190 | 0.60 | 8.89 | 230 | 680 | ^1+< 0.030 | 0.0082 | 0.035 | ^1+< 0.0100 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.068 | 0.588 | < 0.0025 | < 0.0020 | 9.30 |
| | *5/8/2024* | 1.8 | 41 | 180 | 0.52 | 9.33 | 230 | 740 | < 0.0030 | 0.0075 | 0.031 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | ^+< 0.010 | 0.00021 | 0.063 | < 0.634 | < 0.0025 | < 0.0020 | 8.90 |
| | *8/5/2024* | 1.9 | 45 | 200 | 0.54 | 8.71 | 220 | 800 | < 0.0030 | 0.010 | 0.042 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.073 | < 0.578 | < 0.0025 | < 0.0020 | 2.67 |
| | *11/4/2024* | 2.2 | 40 | 220 | 0.59 | 9.01 | 230 | 810 | < 0.0030 | 0.010 | 0.037 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.080 | 0.726 | < 0.0025 | < 0.0020 | 30.58 |
| | *2/4/2025* | 1.7 | 41 | 210 | 0.53 | 8.79 | 250 | 800 | < 0.0030 | 0.0093 | 0.039 | ^1+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | ^5-< 0.010 | < 0.00020 | 0.079 | < -0.0829 | < 0.0025 | < 0.0020 | 52.73 |
| | *5/6/2025* | 1.8 | 37 | 160 | 0.54 | 9.01 | 260 | 790 | < 0.0030 | 0.0082 | 0.033 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.084 | 0.799 | < 0.0025 | < 0.0020 | 5.36 |
| | *8/5/2025* | 2.0 | 37 | 170 | 0.73 | 8.77 | 270 | 760 | < 0.0030 | 0.0091 | 0.034 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.077 | < 0.679 | < 0.0025 | < 0.0020 | 13.94 |
| | *11/12/2025* | 2.3 | 39 | 150 | 0.66 | 8.04 | 280 | 710 | < 0.0030 | 0.0097 | 0.031 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.092 | < 0.770 | < 0.0025 | < 0.0020 | 3.49 |
| | *2/18/2026* | 2.0 | 37 | 150 | 0.56 | 9.34 | 300 | 750 | < 0.0010 | 0.0081 | 0.032 | < 0.00040 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.089 | < 0.430 | < 0.0025 | < 0.00040 | 7.32 |
| MW-10 downgradient | 11/10/2015 | 3.9 | 140 | 140 | 0.77 | 7.34 | 310 | 980 | < 0.0030 | 0.015 | 0.096 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.068 | 1.341 | < 0.0025 | < 0.0020 | NA |
| | 2/16/2016 | 3.6 | 150 | 240 | 0.79 | 7.29 | 290 | 950 | < 0.0030 | 0.014 | 0.098 | ^< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.021 | < 0.00020 | 0.075 | 0.952 | < 0.0025 | < 0.0020 | NA |
| | 5/25/2016 | 3.6 | 120 | 140 | 0.83 | 7.26 | 260 | 1000 | < 0.0030 | 0.034 | 0.096 | ^< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00055 | 0.016 | < 0.00020 | 0.065 | 0.513 | < 0.0025 | < 0.0020 | NA |
| | 8/10/2016 | 4.3 | 150 | 120 | 0.78 | 7.22 | 230 | 970 | < 0.0030 | 0.017 | 0.11 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.021 | < 0.00020 | 0.082 | 0.864 | < 0.0025 | < 0.0020 | NA |
| | 10/26/2016 | 3.0 | 160 | 74 | 0.52 | 7.30 | 220 | 1000 | < 0.0030 | 0.022 | 0.11 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.021 | < 0.00020 | 0.030 | 0.458 | < 0.0025 | < 0.0020 | NA |
| | 2/2/2017 | 3.7 | 180 | 81 | 0.54 | 7.16 | 160 | 930 | < 0.0030 | 0.050 | 0.14 | *< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.0013 | 0.020 | ^< 0.00020 | 0.031 | < 0.464 | < 0.0025 | < 0.0020 | NA |
| | 5/10/2017 | 3.0 | 150 | 100 | 0.44 | 7.83 | 340 | 860 | < 0.0030 | 0.020 | 0.11 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.066 | 0.882 | < 0.0025 | < 0.0020 | NA |
| | 6/27/2017 | 2.8 | 130 | 110 | 0.67 | 7.49 | 250 | 930 | < 0.0030 | 0.0072 | 0.096 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.080 | 0.953 | < 0.0025 | < 0.0020 | NA |
| | *9/7/2017* | 2.8 | 120 | 120 | 0.77 | 7.37 | 290 | 920 | < 0.0030 | 0.0076 | 0.086 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | 0.00058 | 0.096 | 0.921 | < 0.0025 | < 0.0020 | NA |
| | *11/15/2017* | 4.1 | 140 | 120 | 0.77 | 7.10 | 270 | 1000 | < 0.0030 | 0.015 | 0.11 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.021 | < 0.00020 | 0.071 | 0.893 | < 0.0025 | < 0.0020 | NA |
| | *5/1/2018* | 3.2 | 150 | 130 | 0.65 | 7.31 | 280 | 990 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *10/3/2018* | 2.5 | 110 | 140 | 0.89 | 7.60 | 200 | 860 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/29/2019* | 2.8 | 100 | 140 | 0.82 | 7.53 | 260 | 860 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *12/5/2019* | 3.7 | 120 | 110 | 0.93 | 7.21 | 190 | 940 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/27/2020* | 2.3 | 100 | 170 | 0.90 | 7.29 | 280 | 850 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *11/3/2020* | 3.7 | 130 | 140 | 0.87 | 7.02 | 180 | 920 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/25/2021* | 3.0 | 160 | 130 | 0.62 | 7.16 | 160 | 910 | < 0.0030 | 0.018 | 0.18 | ^1+< 0.0010 | < 0.00050 | < 0.0050 | 0.0013 | 0.0054 | 0.020 | < 0.00020 | 0.036 | < 1.14 | < 0.0025 | < 0.0020 | 44.14 |
| | *8/26/2021* | 2.5 | 110 | 140 | 0.82 | 7.70 | 250 | 740 | < 0.0030 | 0.009 | 0.085 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00073 | 0.017 | < 0.00020 | 0.12 | 1.48 | < 0.0025 | < 0.0020 | 27.50 |
| | *11/23/2021* | 2.7 | 110 | 130 | 0.71 | 7.07 | 230 | 990 | < 0.0030 | 0.012 | 0.091 | ^1+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.0011 | 0.013 | < 0.00020 | 0.048 | 2.22 | < 0.0025 | < 0.0020 | 312.05 |
| | *2/24/2022* | 2.6 | 130 | 120 | 0.53 | 7.02 | 170 | 840 | < 0.0030 | 0.0072 | 0.10 | ^1+< 0.0010 | < 0.00050 | < 0.0050 | 0.0012 | 0.0010 | 0.014 | < 0.00020 | 0.043 | 0.768 | < 0.0025 | < 0.0020 | 72.18 |
| | *6/14/2022* | 2.9 | 100 | 140 | 0.86 | 6.99 | 280 | 790 | < 0.0030 | 0.0080 | 0.081 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.12 | 1.55 | < 0.0025 | < 0.0020 | 55.50 |
| | *8/25/2022* | 2.6 | 130 | 140 | 0.99 | 7.47 | 280 | 910 | < 0.0030 | 0.019 | 0.11 | < 0.0010 | ^1+< 0.00050 | 0.0053 | 0.0010 | 0.0077 | 0.015 | < 0.00020 | 0.12 | 1.20 | < 0.0025 | < 0.0020 | 8.83 |
| | *9/28/2022 R* | NA | NA | NA | NA | NA | NA | NA | NA | 0.0088 | NA | NA | NA | NA | NA | 0.00093 | NA | NA | NA | NA | NA | NA | NA |
| | *11/16/2022* | 4.4 | 130 | 160 | 0.94 | 7.15 | 220 | 910 | < 0.0030 | 0.015 | 0.10 | ^+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.0020 | 0.018 | < 0.00020 | 0.097 | 2.74 | < 0.0025 | < 0.0020 | 32.40 |
| | *2/23/2023* | 3.7 | 140 | 140 | 0.71 | 7.11 | 250 | 930 | < 0.0030 | 0.015 | 0.12 | ^1+ ^+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00080 | 0.016 | < 0.00020 | 0.073 | 1.35 | < 0.0025 | < 0.0020 | 53.32 |
| | *4/26/2023* | 2.8 | 99 | 150 | 0.94 | 7.23 | 250 | 900 | < 0.0030 | 0.013 | 0.079 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00067 | 0.015 | < 0.00020 | 0.12 | 1.37 | < 0.0025 | < 0.0020 | 85.30 |
| | *7/26/2023* | 3.7 | 120 | 150 | 0.81 | 7.37 | 260 | 910 | < 0.0030 | 0.017 | 0.099 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.097 | 0.959 | < 0.0025 | < 0.0020 | 1.40 |
| | *10/24/2023* | 2.9 | 99 | 160 | 0.89 | 7.19 | 230 | 920 | < 0.0030 | 0.0087 | 0.083 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.12 | 1.30 | < 0.0025 | < 0.0020 | 5.40 |
| | *2/7/2024* | 3.7 | 130 | 120 | 0.69 | 6.94 | 290 | 910 | ^1+< 0.0300 | 0.012 | 0.11 | ^1+< 0.010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.082 | 1.52 | < 0.0025 | < 0.0020 | 75.44 |
| | *5/8/2024* | 2.7 | 110 | 130 | 0.81 | 7.23 | 290 | 860 | < 0.0030 | 0.012 | 0.079 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.11 | 0.831 | < 0.0025 | < 0.0020 | 31.63 |
| | *8/5/2024* | 2.4 | 89 | 140 | 0.92 | 7.43 | 310 | 850 | < 0.0030 | 0.0079 | 0.070 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.15 | 0.653 | < 0.0025 | < 0.0020 | 3.98 |
| | *11/4/2024* | 3.3 | 120 | 130 | 0.84 | 7.21 | 260 | 910 | < 0.0030 | 0.013 | 0.098 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.11 | 0.786 | < 0.0025 | < 0.0020 | 9.83 |
| | *2/4/2025* | 3.2 | 170 | 120 | 0.62 | 6.96 | 230 | 1000 | < 0.0030 | 0.014 | 0.14 | ^1+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00050 | ^5- 0.018 | < 0.00020 | 0.045 | 1.82 | < 0.0025 | < 0.0020 | 54.76 |
| | *5/6/2025* | 3.9 | 140 | 150 | 0.73 | 6.99 | 190 | 950 | < 0.0030 | 0.013 | 0.12 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.064 | 1.43 | < 0.0025 | < 0.0020 | 5.44 |
| | *8/5/2025* | 3.9 | 140 | 150 | 1.0 | 6.84 | 210 | 930 | < 0.0030 | 0.014 | 0.12 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.018 | < 0.00020 | 0.061 | 1.33 | < 0.0025 | < 0.0020 | 3.53 |
| | *11/12/2025* | 3.1 | 130 | 130 | 0.90 | 6.95 | 260 | 910 | < 0.0030 | 0.010 | 0.096 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.094 | 1.97 | < 0.0025 | < 0.0020 | 7.75 |
| | *2/18/2026* | 4.3 | 150 | 140 | 0.88 | 7.34 | 210 | 1000 | < 0.0010 | 0.012 | 0.12 | < 0.00040 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.016 | < 0.00020 | 0.052 | < 0.748 | < 0.0025 | < 0.00040 | 54.66 |

Notes: All units are in mg/l (milligrams/liter) with the exception of pH (standard units), radium (pCi/L), and turbidity (Nephelometric Turbidity Units)

*Italicized Date* - First round of Detection Monitoring and resample after statistical background establishment.

NA - Not analyzed. No confirmation resample required.

R - Resample

F1 - MS and/or MSD Recovery outside of limits.

V - Serial Dilution exceeds the control limits

^ - Instrument related QC is outside acceptance limits.

* - LCS or LCSD is outside acceptance limits.

^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.

^5- - Linear Range Check (LRC) is outside acceptence limits, low biased.

Table 1. Groundwater Analytical Data, Pond 2S and Pond 3S, Midwest Generation, LLC, Will County Generating Station, Romeoville, IL.

| Well | Date | Boron | Calcium | Chloride | Fluoride | pH | Sulfate | Total Dissolved Solids | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Lead | Lithium | Mercury | Molybdenum | Radium 226 + 228 Combined | Selenium | Thallium | Turbidity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-11 downgradient | 11/10/2015 | 2.6 | 120 | 89 | 0.61 | 7.60 | 180 | 620 | < 0.0030 | 0.0070 | 0.098 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00064 | < 0.010 | < 0.00020 | 0.060 | 0.736 | < 0.0025 | < 0.0020 | NA |
| | 2/16/2016 | 3.0 | 100 | 88 | 0.68 | 7.47 | 170 | 640 | < 0.0030 | 0.0059 | 0.11 | ^< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.078 | 1.14 | < 0.0025 | < 0.0020 | NA |
| | 5/25/2016 | 2.8 | 82 | 98 | 0.75 | 7.43 | 170 | 640 | < 0.0030 | 0.0073 | 0.093 | ^< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.083 | 0.775 | < 0.0025 | < 0.0020 | NA |
| | 8/10/2016 | 3.1 | 96 | 86 | 0.72 | 7.57 | 150 | 660 | < 0.0030 | 0.0072 | 0.12 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.087 | 0.807 | < 0.0025 | < 0.0020 | NA |
| | 10/26/2016 | 2.5 | 110 | 67 | 0.53 | 7.82 | 120 | 630 | < 0.0030 | 0.0082 | 0.096 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00052 | < 0.010 | < 0.00020 | 0.043 | 0.510 | < 0.0025 | < 0.0020 | NA |
| | 2/1/2017 | 3.9 | 110 | 72 | 0.65 | 7.54 | 110 | 600 | < 0.0030 | 0.011 | 0.15 | *< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.076 | 0.909 | < 0.0025 | < 0.0020 | NA |
| | 5/10/2017 | 3.1 | 95 | 84 | 0.46 | 8.37 | 170 | 590 | < 0.0030 | 0.014 | 0.14 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.074 | 1.03 | < 0.0025 | < 0.0020 | NA |
| | 6/27/2017 | 2.8 | 87 | 90 | 0.59 | 7.57 | 150 | 680 | < 0.0030 | 0.0058 | 0.11 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.069 | 0.692 | < 0.0025 | < 0.0020 | NA |
| | *9/7/2017* | 2.8 | 90 | 94 | 0.58 | 7.40 | 150 | 730 | < 0.0030 | 0.0074 | 0.11 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.067 | 0.676 | < 0.0025 | < 0.0020 | NA |
| | *11/15/2017* | 2.9 | 96 | 100 | 0.65 | 7.41 | 160 | 750 | < 0.0030 | 0.0082 | 0.15 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.075 | 1.04 | < 0.0025 | < 0.0020 | NA |
| | *5/3/2018* | 3.8 | 73 | 110 | 0.69 | 6.74 | 190 | 670 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *10/3/2018* | 3.1 | 78 | 110 | 0.66 | 7.65 | 120 | 680 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/29/2019* | 2.2 | 86 | 110 | 0.49 | 7.55 | 120 | 610 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *12/5/2019* | 2.5 | 100 | 80 | 0.55 | 7.26 | 91 | 600 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/26/2020* | 2.3 | 89 | 100 | 0.54 | 7.4 | 90 | 540 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *11/3/2020* | 4.3 | 85 | 140 | 0.72 | 7.17 | 68 | 710 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/25/2021* | 3.8 | 94 | 130 | 0.74 | 7.68 | 57 | 660 | < 0.0030 | 0.0067 | 0.16 | ^1+< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.077 | 1.29 | < 0.0025 | < 0.0020 | 9.56 |
| | *8/26/2021* | 1.9 | 110 | 150 | 0.39 | 7.73 | 100 | 710 | < 0.0030 | 0.0076 | 0.1 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.011 | < 0.00020 | 0.034 | 1.29 | < 0.0025 | < 0.0020 | 11.40 |
| | *11/23/2021* | 2.0 | 130 | 150 | 0.48 | 6.94 | 94 | 810 | < 0.0030 | 0.0085 | 0.11 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.025 | 2.35 | < 0.0025 | < 0.0020 | 1.85 |
| | *12/22/2021 R* | NA | NA | 150 | NA | 7.03 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *2/23/2022* | 1.8 | 130 | 150 | 0.38 | 6.94 | 91 | 760 | < 0.0030 | 0.013 | 0.12 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00060 | 0.011 | < 0.00020 | 0.031 | 1.65 | < 0.0025 | < 0.0020 | 162.43 |
| | *6/13/2022* | 2.8 | 120 | 140 | 0.4 | 7.22 | 97 | 700 | < 0.0030 | 0.0088 | 0.17 | < 0.0010 | < 0.00050 | < 0.0050 | 0.0022 | 0.0018 | 0.011 | < 0.00020 | 0.058 | 1.44 | < 0.0025 | < 0.0020 | 27.05 |
| | *8/23/2022* | 2.5 | 110 | 140 | 0.53 | 6.94 | 160 | 740 | < 0.0030 | 0.0082 | 0.12 | < 0.0010 | ^1+ < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.033 | 2.02 | < 0.0025 | < 0.0020 | 10.90 |
| | *11/16/2022* | 3.8 | 120 | 130 | 0.71 | 7.34 | 66 | 700 | < 0.0030 | 0.013 | 0.14 | ^+ < 0.0010 | < 0.00050 | < 0.0050 | 0.0015 | 0.0014 | 0.010 | < 0.00020 | 0.052 | 1.61 | < 0.0025 | < 0.0020 | 60.30 |
| | *2/21/2023* | 2.2 | 120 | 130 | 0.45 | 7.08 | 81 | 710 | < 0.0030 | 0.016 | 0.18 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.0010 | < 0.010 | < 0.00020 | 0.037 | 1.57 | < 0.0025 | < 0.0020 | 51.30 |
| | *4/25/2023* | 2.8 | 110 | 130 | 0.53 | 7.14 | 75 | 730 | < 0.0030 | 0.015 | 0.18 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.043 | < 0.734 | < 0.0025 | < 0.0020 | 56.60 |
| | *7/25/2023* | 2.2 | 120 | 120 | 0.46 | 7.12 | 80 | 740 | < 0.0030 | 0.0077 | 0.14 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.031 | 1.02 | < 0.0025 | < 0.0020 | 1.00 |
| | *10/19/2023* | 3.0 | 120 | 120 | 0.55 | 7.12 | 74 | 770 | < 0.0030 | 0.010 | 0.16 | *+ ^+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.044 | 1.34 | < 0.0025 | ^1+ < 0.0020 | 3.90 |
| | *2/5/2024* | 2.4 | 120 | 130 | 0.45 | 7.12 | 78 | 730 | ^1+ < 0.0030 | 0.025 | 0.18 | ^+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00056 | F1 < 0.10 | < 0.00020 | 0.029 | 1.65 | < 0.0025 | < 0.0020 | 39.20 |
| | *5/6/2024* | 2.9 | 110 | 120 | 0.52 | 7.37 | 68 | 720 | < 0.0030 | 0.032 | 0.17 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00056 | 0.010 | < 0.00020 | 0.037 | 0.817 | < 0.0025 | < 0.0020 | 42.41 |
| | *8/1/2024* | 3.2 | 100 | 120 | 0.53 | 7.70 | 76 | 790 | < 0.0030 | 0.0075 | 0.14 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.045 | 1.55 | < 0.0025 | < 0.0020 | 13.58 |
| | *11/1/2024* | 3.2 | 110 | 130 | 0.55 | 7.50 | 71 | 760 | < 0.0030 | 0.0073 | 0.16 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.042 | 1.43 | < 0.0025 | < 0.0020 | 4.02 |
| | *2/3/2025* | 2.5 | 120 | 130 | 0.49 | 7.05 | 72 | 710 | < 0.0030 | 0.0073 | 0.21 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | ^5- 0.010 | < 0.00020 | 0.031 | 1.47 | < 0.0025 | < 0.0020 | 61.33 |
| | *5/5/2025* | 2.5 | 130 | 120 | 0.49 | 7.53 | 69 | 790 | < 0.0030 | 0.013 | 0.16 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.034 | 1.14 | < 0.0025 | < 0.0020 | 32.27 |
| | *8/1/2025* | 2.7 | 120 | 120 | 0.72 | 7.01 | 70 | 800 | < 0.0030 | 0.010 | 0.15 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.010 | < 0.00020 | 0.037 | 0.999 | < 0.0025 | < 0.0020 | 9.63 |
| | *11/10/2025* | 2.6 | 120 | 120 | 0.58 | 7.06 | 73 | 660 | < 0.0030 | 0.0072 | 0.12 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.011 | < 0.00020 | 0.029 | 0.832 | < 0.0025 | < 0.0020 | 6.99 |
| | *2/17/2026* | 3.8 | 120 | 120 | 0.60 | 7.63 | 61 | 760 | < 0.0010 | 0.014 | 0.24 | < 0.00040 | < 0.00050 | < 0.0050 | 0.0011 | 0.0016 | 0.011 | < 0.00020 | 0.044 | < 0.967 | < 0.0025 | < 0.00040 | 51.63 |
| MW-12 downgradient | 11/10/2015 | 2.3 | 150 | 160 | 0.59 | 7.44 | 290 | 1000 | < 0.0030 | 0.0016 | 0.11 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.034 | 0.8139 | < 0.0025 | < 0.0020 | NA |
| | 2/16/2016 | 1.8 | 130 | 140 | 0.52 | 7.38 | 220 | 850 | < 0.0030 | 0.0013 | 0.084 | ^< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.031 | < 0.407 | < 0.0025 | < 0.0020 | NA |
| | 5/25/2016 | 1.9 | 130 | 150 | 0.54 | 7.23 | 250 | 890 | < 0.0030 | 0.0013 | 0.12 | ^< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00063 | 0.014 | < 0.00020 | 0.030 | 0.41 | 0.0026 | < 0.0020 | NA |
| | 8/10/2016 | 2.4 | 170 | 140 | 0.49 | 7.20 | 280 | 1000 | < 0.0030 | 0.0017 | 0.12 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00060 | 0.017 | < 0.00020 | 0.040 | < 0.426 | 0.0077 | < 0.0020 | NA |
| | 10/26/2016 | 2.6 | 140 | 120 | 0.49 | 7.44 | 220 | 980 | < 0.0030 | 0.0016 | 0.11 | < 0.0010 | < 0.00050 | 0.0250 | < 0.0010 | < 0.00050 | 0.013 | < 0.00020 | 0.036 | < 0.664 | < 0.0025 | < 0.0020 | NA |
| | 2/1/2017 | 2.0 | 160 | 120 | 0.48 | 7.30 | 150 | 900 | < 0.0030 | 0.0017 | 0.11 | *< 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00065 | 0.013 | < 0.00020 | 0.023 | 0.949 | < 0.0025 | < 0.0020 | NA |
| | 5/10/2017 | 2.3 | 200 | 240 | 0.30 | 7.65 | 260 | 1300 | < 0.0030 | 0.0013 | 0.13 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.029 | < 0.464 | 0.017 | < 0.0020 | NA |
| | 6/27/2017 | 2.4 | 180 | 280 | 0.44 | 7.31 | 260 | 1300 | < 0.0030 | 0.0014 | 0.14 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.030 | 0.455 | 0.0032 | < 0.0020 | NA |
| | *9/6/2017* | 2.6 | 190 | 270 | 0.49 | 7.26 | 260 | 1400 | < 0.0030 | 0.0017 | 0.13 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.032 | < 0.317 | 0.0043 | < 0.0020 | NA |
| | *11/15/2017* | 1.7 | 55 | 200 | 0.47 | 6.90 | 250 | 1200 | < 0.0030 | 0.0054 | 0.034 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | < 0.010 | < 0.00020 | 0.11 | 0.434 | < 0.0025 | < 0.0020 | NA |
| | *5/3/2018* | 1.8 | 140 | 170 | 0.47 | 6.60 | 170 | 960 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *10/2/2018* | F1 2.2 | 150 | 160 | 0.49 | 7.30 | 170 | 1100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/29/2019* | 1.9 | 140 | 140 | 0.42 | 7.23 | 190 | 930 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *12/5/2019* | 2.1 | 140 | 71 | 0.53 | 7.02 | 110 | 820 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/22/2020* | 1.9 | 180 | 120 | 0.4 | 6.95 | 140 | 1100 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *11/3/2020* | 2.2 | 160 | 190 | 0.52 | 7.27 | 160 | 1000 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | *5/25/2021* | 1.8 | 140 | 170 | 0.49 | 7.37 | 180 | 930 | < 0.0030 | 0.0017 | 0.14 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | 0.0010 | < 0.00085 | 0.014 | < 0.00020 | 0.029 | 0.529 | < 0.0025 | < 0.0020 | 28.65 |
| | *8/26/2021* | 2.1 | 170 | 200 | 0.47 | 7.49 | 170 | 1000 | < 0.0030 | 0.0020 | 0.14 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.027 | 1.03 | < 0.0025 | < 0.0020 | 10.90 |
| | *11/23/2021* | 2.3 | 180 | 210 | 0.44 | 7.01 | 180 | 1200 | < 0.0030 | 0.0020 | 0.15 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.022 | 0.58 | 0.0055 | < 0.0020 | 3.88 |
| | *2/24/2022* | 1.7 | 150 | 150 | 0.4 | 7.06 | 150 | 1000 | < 0.0030 | 0.0025 | 0.27 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | 0.0011 | 0.0016 | 0.018 | < 0.00020 | 0.024 | < 1.62 | 0.0061 | < 0.0020 | 82.80 |
| | *6/13/2022* | 1.9 | 160 | ^+ 210 | 0.45 | 7.03 | 170 | 1000 | < 0.0030 | 0.0015 | 0.15 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.024 | 0.957 | 0.0045 | < 0.0020 | 4.24 |
| | *8/23/2022* | 1.9 | 150 | 170 | 0.37 | 6.62 | 160 | 1000 | < 0.0030 | 0.0011 | 0.18 | < 0.0010 | ^1+ < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.013 | < 0.00020 | 0.015 | 0.709 | 0.0086 | < 0.0020 | 7.35 |
| | *11/16/2022* | 2.3 | 160 | 180 | 0.97 | 7.34 | 180 | 1000 | < 0.0030 | 0.0017 | 0.14 | ^+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.029 | < 0.139 | < 0.0025 | < 0.0020 | 2.85 |
| | *2/21/2023* | 1.6 | 150 | 150 | 0.41 | 7.15 | 180 | 980 | < 0.0030 | 0.0015 | 0.13 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.025 | < 0.651 | < 0.0025 | < 0.0020 | 1.82 |
| | *4/25/2023* | 1.8 | 150 | 170 | 0.42 | 6.91 | 180 | 980 | < 0.0030 | 0.0017 | 0.12 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.022 | < 0.510 | 0.0044 | < 0.0020 | 2.10 |
| | *7/25/2023* | 2.1 | 180 | 180 | 0.44 | 6.96 | 190 | 1100 | < 0.0030 | 0.0017 | 0.13 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.026 | < 0.664 | 0.018 | < 0.0020 | 6.80 |
| | *10/19/2023* | 2.2 | 180 | 180 | 0.47 | 6.99 | 170 | 1100 | < 0.0030 | 0.0013 | 0.18 | *+ ^+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.027 | 0.889 | 0.0040 | ^1+ < 0.0020 | 3.00 |
| | *2/5/2024* | 2.2 | 170 | 140 | 0.36 | 7.07 | 160 | 1100 | ^1+ < 0.0030 | 0.0017 | 0.18 | ^+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00060 | < 0.10 | < 0.00020 | 0.024 | < 0.585 | 0.0044 | < 0.0020 | 2.96 |
| | *5/6/2024* | 1.9 | 180 | 190 | 0.42 | 7.02 | 160 | 1100 | < 0.0030 | 0.0011 | 0.13 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.013 | < 0.00020 | 0.020 | 0.638 | 0.0041 | < 0.0020 | 8.31 |
| | *8/1/2024* | 2.2 | 180 | F1 180 | 0.44 | 7.66 | 200 | 1100 | < 0.0030 | 0.0011 | 0.15 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.015 | < 0.00020 | 0.027 | < 0.629 | 0.014 | < 0.0020 | 4.12 |
| | *11/1/2024* | 2.5 | 190 | 210 | 0.49 | 7.20 | 200 | 1200 | < 0.0030 | 0.0012 | 0.16 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.028 | 0.777 | 0.0068 | < 0.0020 | 1.61 |
| | *2/3/2025* | 2.1 | 180 | 140 | 0.41 | 7.10 | 170 | 1000 | < 0.0030 | 0.0012 | 0.15 | ^1+ < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | ^5- 0.015 | < 0.00020 | 0.021 | < 0.471 | 0.011 | < 0.0020 | 26.73 |
| | *5/5/2025* | 1.9 | 160 | 140 | 0.46 | 7.31 | 170 | 1000 | < 0.0030 | 0.0012 | 0.14 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.012 | < 0.00020 | 0.026 | 0.718 | 0.0051 | < 0.0020 | 14.25 |
| | *8/4/2025* | 2.1 | 160 | 140 | 0.61 | 7.04 | 160 | 980 | < 0.0030 | 0.0013 | 0.12 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.014 | < 0.00020 | 0.024 | 1.27 | 0.0033 | < 0.0020 | 15.64 |
| | *11/10/2025* | 2.6 | 180 | 140 | 0.50 | 7.02 | 170 | 1100 | < 0.0030 | 0.0012 | 0.14 | < 0.0010 | < 0.00050 | < 0.0050 | < 0.0010 | < 0.00050 | 0.017 | < 0.00020 | 0.026 | 1.39 | 0.0032 | < 0.0020 | 4.08 |
| | *2/17/2026* | 2.3 | 190 | 140 | 0.49 | 7.45 | 170 | 1000 | < 0.0010 | 0.0014 | 0.17 | < 0.00040 | < 0.00050 | < 0.0050 | < 0.0010 | 0.00084 | 0.015 | < 0.00020 | 0.015 | < 0.578 | 0.0034 | < 0.00040 | 23.73 |

Notes: All units are in mg/l (milligrams/liter) with the exception of pH (standard units), radium (pCi/L), and turbidity (Nephelometric Turbidity Units).
*Italicized Date* - First round of Detection Monitoring and resample after statistical background establishment.
NA - Not analyzed. No confirmation resample required.
R - Resample
F1 - MS and/or MSD Recovery outside of limits.
V - Serial Dilution exceeds the control limits
^ - Instrument related QC is outside acceptance limits.
* - LCS or LCSD is outside acceptance limits.
^1+ or ^+ - Initial or Continuing Calibration Verification limits is outside acceptable limits, high biased.
^5- - Linear Range Check (LRC) is outside acceptence limits, low biased.

eurofins | Environment Testing



# ANALYTICAL REPORT

## PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 3/10/2026 9:08:41 AM

## JOB DESCRIPTION

Will County 2S/3S CCR

## JOB NUMBER

500-281998-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

## Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Authorization

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Authorized for release by
Diana Mockler, Project Manager I
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(219)252-7570

# Table of Contents

## Job ID: 500-281998-1 — Eurofins Chicago

**Job Narrative**
**500-281998-1**

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

**Receipt**
The samples were received on 2/18/2026 2:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.3°C, 1.8°C, 4.8°C and 6.6°C.

**Metals**
Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within range: MW-05 (500-281998-1), MW-06 (500-281998-2), MW-10 (500-281998-4), MW-11 (500-281998-5), MW-12 (500-281998-6), 2S/3S Duplicate (500-281998-7), MW-17 (500-281998-9), MW-18 (500-281998-10), (500-281998-A-1-B DU), (500-281998-A-1-C MS), (500-281998-A-1-D MSD) and (500-281998-A-1-A SD). Elevated reporting limits (RLs) are provided.

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

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

**Field Service / Mobile Lab**
Method Field Sampling: Groundwater elevation not reported for sample: MW-18 (500-281998-10). Field data entry lists groundwater elevation as "Not available".

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

# Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 6020B | Metals (ICP/MS) | SW846 | EET CHI |
| 7470A | Mercury (CVAA) | SW846 | EET CHI |
| 300.0 | Anions, Ion Chromatography | EPA | EET CHI |
| SM 2540C | Solids, Total Dissolved (TDS) | SM | EET CHI |
| SM 4500 F C | Fluoride | SM | EET CHI |
| Field Sampling | Field Sampling | EPA | EET CHI |
| 3005A | Preparation, Total Recoverable or Dissolved Metals | SW846 | EET CHI |
| 7470A | Preparation, Mercury | SW846 | EET CHI |

**Protocol References:**

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

**Laboratory References:**

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

# Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Water | 02/18/26 08:17 | 02/18/26 14:30 | Illinois |
| 500-281998-2 | MW-06 | Water | 02/18/26 09:13 | 02/18/26 14:30 | Illinois |
| 500-281998-3 | MW-09 | Water | 02/18/26 10:36 | 02/18/26 14:30 | Illinois |
| 500-281998-4 | MW-10 | Water | 02/18/26 11:52 | 02/18/26 14:30 | Illinois |
| 500-281998-5 | MW-11 | Water | 02/17/26 13:00 | 02/18/26 14:30 | Illinois |
| 500-281998-6 | MW-12 | Water | 02/17/26 11:14 | 02/18/26 14:30 | Illinois |
| 500-281998-7 | 2S/3S Duplicate | Water | 02/17/26 00:00 | 02/18/26 14:30 | Illinois |
| 500-281998-8 | MW-16 | Water | 02/17/26 12:06 | 02/18/26 14:30 | Illinois |
| 500-281998-9 | MW-17 | Water | 02/17/26 10:05 | 02/18/26 14:30 | Illinois |
| 500-281998-10 | MW-18 | Water | 02/17/26 08:57 | 02/18/26 14:30 | Illinois |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-05

**Date Collected: 02/18/26 08:17**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-1

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Antimony** | **1.0** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| **Arsenic** | **1.0** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| **Barium** | **45** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| **Boron** | **4300** | | 250 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:00 | 5 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| **Calcium** | **160** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| **Lithium** | **14** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| **Molybdenum** | **63** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| **Selenium** | **68** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:50 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 11:54 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **18** | | 1.0 | | mg/L | | | 02/27/26 02:10 | 1 |
| **Sulfate (EPA 300.0)** | **400** | | 5.0 | | mg/L | | | 02/27/26 02:26 | 5 |
| **Total Dissolved Solids (SM 2540C)** | **1000** | | 10 | | mg/L | | | 02/23/26 06:45 | 1 |
| **Fluoride (SM 4500 F C)** | **0.50** | | 0.10 | | mg/L | | | 02/26/26 13:38 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **7.25** | | | | SU | | | 02/18/26 08:17 | 1 |
| **Field Temperature** | **53.1** | | | | Degrees F | | | 02/18/26 08:17 | 1 |
| **Groundwater Elevation** | **582.08** | | | | ft | | | 02/18/26 08:17 | 1 |
| **Oxidation Reduction Potential** | **173.4** | | | | millivolts | | | 02/18/26 08:17 | 1 |
| **Oxygen, Dissolved** | **3.01** | | | | mg/L | | | 02/18/26 08:17 | 1 |
| **Specific Conductance** | **1.318** | | | | mS/cm | | | 02/18/26 08:17 | 1 |
| **Turbidity** | **7.34** | | | | NTU | | | 02/18/26 08:17 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-06

**Date Collected: 02/18/26 09:13**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-2

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| Arsenic | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| **Barium** | **88** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| **Boron** | **2300** | | 250 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:19 | 5 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| **Calcium** | **110** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| **Lithium** | **15** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| **Molybdenum** | **24** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:14 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 11:56 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **11** | | 1.0 | | mg/L | | | 02/27/26 02:42 | 1 |
| **Sulfate (EPA 300.0)** | **150** | | 1.0 | | mg/L | | | 02/27/26 02:42 | 1 |
| **Total Dissolved Solids (SM 2540C)** | **660** | | 10 | | mg/L | | | 02/23/26 06:48 | 1 |
| **Fluoride (SM 4500 F C)** | **0.42** | | 0.10 | | mg/L | | | 02/26/26 13:41 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **7.75** | | | | SU | | | 02/18/26 09:13 | 1 |
| **Field Temperature** | **54.7** | | | | Degrees F | | | 02/18/26 09:13 | 1 |
| **Groundwater Elevation** | **580.62** | | | | ft | | | 02/18/26 09:13 | 1 |
| **Oxidation Reduction Potential** | **86.4** | | | | millivolts | | | 02/18/26 09:13 | 1 |
| **Oxygen, Dissolved** | **1.09** | | | | mg/L | | | 02/18/26 09:13 | 1 |
| **Specific Conductance** | **0.890** | | | | mS/cm | | | 02/18/26 09:13 | 1 |
| **Turbidity** | **2.14** | | | | NTU | | | 02/18/26 09:13 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

**Client Sample ID: MW-09**
**Date Collected: 02/18/26 10:36**
**Date Received: 02/18/26 14:30**

**Lab Sample ID: 500-281998-3**
**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| **Arsenic** | **8.1** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| **Barium** | **32** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| **Boron** | **2000** | | 50 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:22 | 1 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| **Calcium** | **37** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| Lithium | <10 | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| **Molybdenum** | **89** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:16 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 12:04 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **150** | | 5.0 | | mg/L | | | 02/27/26 03:13 | 5 |
| **Sulfate (EPA 300.0)** | **300** | | 5.0 | | mg/L | | | 02/27/26 03:13 | 5 |
| **Total Dissolved Solids (SM 2540C)** | **750** | | 10 | | mg/L | | | 02/23/26 06:50 | 1 |
| **Fluoride (SM 4500 F C)** | **0.56** | | 0.10 | | mg/L | | | 02/26/26 13:44 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **9.34** | | | | SU | | | 02/18/26 10:36 | 1 |
| **Field Temperature** | **55.2** | | | | Degrees F | | | 02/18/26 10:36 | 1 |
| **Groundwater Elevation** | **580.59** | | | | ft | | | 02/18/26 10:36 | 1 |
| **Oxidation Reduction Potential** | **4.9** | | | | millivolts | | | 02/18/26 10:36 | 1 |
| **Oxygen, Dissolved** | **1.17** | | | | mg/L | | | 02/18/26 10:36 | 1 |
| **Specific Conductance** | **1.171** | | | | mS/cm | | | 02/18/26 10:36 | 1 |
| **Turbidity** | **7.32** | | | | NTU | | | 02/18/26 10:36 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-10

**Date Collected: 02/18/26 11:52**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-4

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| **Arsenic** | **12** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| **Barium** | **120** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| **Boron** | **4300** | | 250 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:24 | 5 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| **Calcium** | **150** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| **Lithium** | **16** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| **Molybdenum** | **52** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:19 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 12:06 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **140** | | 5.0 | | mg/L | | | 02/27/26 04:00 | 5 |
| **Sulfate (EPA 300.0)** | **210** | | 5.0 | | mg/L | | | 02/27/26 04:00 | 5 |
| **Total Dissolved Solids (SM 2540C)** | **1000** | | 10 | | mg/L | | | 02/23/26 06:53 | 1 |
| **Fluoride (SM 4500 F C)** | **0.88** | | 0.10 | | mg/L | | | 02/26/26 13:57 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **7.34** | | | | SU | | | 02/18/26 11:52 | 1 |
| **Field Temperature** | **53.2** | | | | Degrees F | | | 02/18/26 11:52 | 1 |
| **Groundwater Elevation** | **579.90** | | | | ft | | | 02/18/26 11:52 | 1 |
| **Oxidation Reduction Potential** | **-55.8** | | | | millivolts | | | 02/18/26 11:52 | 1 |
| **Oxygen, Dissolved** | **0.70** | | | | mg/L | | | 02/18/26 11:52 | 1 |
| **Specific Conductance** | **1.462** | | | | mS/cm | | | 02/18/26 11:52 | 1 |
| **Turbidity** | **54.66** | | | | NTU | | | 02/18/26 11:52 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-11

**Date Collected: 02/17/26 13:00**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-5

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| **Arsenic** | **14** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| **Barium** | **240** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| **Boron** | **3800** | | 250 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:27 | 5 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| **Calcium** | **120** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| **Cobalt** | **1.1** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| **Lead** | **1.6** | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| **Lithium** | **11** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| **Molybdenum** | **44** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:27 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 12:08 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **120** | | 1.0 | | mg/L | | | 02/27/26 04:16 | 1 |
| **Sulfate (EPA 300.0)** | **61** | | 1.0 | | mg/L | | | 02/27/26 04:16 | 1 |
| **Total Dissolved Solids (SM 2540C)** | **760** | | 10 | | mg/L | | | 02/19/26 07:27 | 1 |
| **Fluoride (SM 4500 F C)** | **0.60** | | 0.10 | | mg/L | | | 02/26/26 14:00 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **7.63** | | | | SU | | | 02/17/26 13:00 | 1 |
| **Field Temperature** | **53.2** | | | | Degrees F | | | 02/17/26 13:00 | 1 |
| **Groundwater Elevation** | **579.96** | | | | ft | | | 02/17/26 13:00 | 1 |
| **Oxidation Reduction Potential** | **-93.3** | | | | millivolts | | | 02/17/26 13:00 | 1 |
| **Oxygen, Dissolved** | **0.39** | | | | mg/L | | | 02/17/26 13:00 | 1 |
| **Specific Conductance** | **1.140** | | | | mS/cm | | | 02/17/26 13:00 | 1 |
| **Turbidity** | **51.63** | | | | NTU | | | 02/17/26 13:00 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-12

**Date Collected: 02/17/26 11:14**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-6

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| **Arsenic** | **1.4** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| **Barium** | **170** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| **Boron** | **2300** | | 250 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:30 | 5 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| **Calcium** | **190** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| **Lead** | **0.84** | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| **Lithium** | **15** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| **Molybdenum** | **15** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| **Selenium** | **3.4** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:29 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 12:10 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **140** | | 1.0 | | mg/L | | | 02/27/26 04:32 | 1 |
| **Sulfate (EPA 300.0)** | **170** | | 1.0 | | mg/L | | | 02/27/26 04:32 | 1 |
| **Total Dissolved Solids (SM 2540C)** | **1000** | | 10 | | mg/L | | | 02/23/26 04:09 | 1 |
| **Fluoride (SM 4500 F C)** | **0.49** | | 0.10 | | mg/L | | | 02/26/26 14:03 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **7.45** | | | | SU | | | 02/17/26 11:14 | 1 |
| **Field Temperature** | **51.4** | | | | Degrees F | | | 02/17/26 11:14 | 1 |
| **Groundwater Elevation** | **580.12** | | | | ft | | | 02/17/26 11:14 | 1 |
| **Oxidation Reduction Potential** | **74.5** | | | | millivolts | | | 02/17/26 11:14 | 1 |
| **Oxygen, Dissolved** | **1.39** | | | | mg/L | | | 02/17/26 11:14 | 1 |
| **Specific Conductance** | **1.521** | | | | mS/cm | | | 02/17/26 11:14 | 1 |
| **Turbidity** | **23.73** | | | | NTU | | | 02/17/26 11:14 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: 2S/3S Duplicate

**Date Collected: 02/17/26 00:00**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-7

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| **Arsenic** | **7.7** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| **Barium** | **62** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| **Boron** | **3000** | | 250 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:33 | 5 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| **Calcium** | **74** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| **Lithium** | **19** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| **Molybdenum** | **110** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:35 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 12:16 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **130** | | 1.0 | | mg/L | | | 02/27/26 04:48 | 1 |
| **Sulfate (EPA 300.0)** | **320** | | 5.0 | | mg/L | | | 03/03/26 23:22 | 5 |
| **Total Dissolved Solids (SM 2540C)** | **860** | | 10 | | mg/L | | | 02/23/26 04:12 | 1 |
| **Fluoride (SM 4500 F C)** | **0.73** | | 0.10 | | mg/L | | | 02/26/26 09:16 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-16

**Date Collected: 02/17/26 12:06**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-8

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| **Arsenic** | **8.9** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| **Barium** | **110** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| **Boron** | **770** | | 50 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:35 | 1 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| **Calcium** | **140** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| **Cobalt** | **2.5** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| **Lithium** | **10** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| **Molybdenum** | **7.4** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:37 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 12:18 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **130** | | 1.0 | | mg/L | | | 02/27/26 05:04 | 1 |
| **Sulfate (EPA 300.0)** | **220** | | 1.0 | | mg/L | | | 02/27/26 05:04 | 1 |
| **Total Dissolved Solids (SM 2540C)** | **950** | | 10 | | mg/L | | | 02/23/26 04:14 | 1 |
| **Fluoride (SM 4500 F C)** | **0.48** | | 0.10 | | mg/L | | | 02/26/26 09:19 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **7.28** | | | | SU | | | 02/17/26 12:06 | 1 |
| **Field Temperature** | **44.6** | | | | Degrees F | | | 02/17/26 12:06 | 1 |
| **Groundwater Elevation** | **579.21** | | | | ft | | | 02/17/26 12:06 | 1 |
| **Oxidation Reduction Potential** | **-29.4** | | | | millivolts | | | 02/17/26 12:06 | 1 |
| **Oxygen, Dissolved** | **0.47** | | | | mg/L | | | 02/17/26 12:06 | 1 |
| **Specific Conductance** | **1.351** | | | | mS/cm | | | 02/17/26 12:06 | 1 |
| **Turbidity** | **52.24** | | | | NTU | | | 02/17/26 12:06 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-17

**Date Collected: 02/17/26 10:05**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-9

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| **Arsenic** | **7.5** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| **Barium** | **61** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| **Boron** | **3000** | | 250 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:48 | 5 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| **Calcium** | **74** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| **Lithium** | **20** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| **Molybdenum** | **110** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:40 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 12:20 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **130** | | 5.0 | | mg/L | | | 02/27/26 05:19 | 5 |
| **Sulfate (EPA 300.0)** | **320** | | 5.0 | | mg/L | | | 02/27/26 05:19 | 5 |
| **Total Dissolved Solids (SM 2540C)** | **790** | | 10 | | mg/L | | | 02/23/26 04:17 | 1 |
| **Fluoride (SM 4500 F C)** | **0.73** | | 0.10 | | mg/L | | | 02/26/26 09:22 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **8.68** | | | | SU | | | 02/17/26 10:05 | 1 |
| **Field Temperature** | **44.6** | | | | Degrees F | | | 02/17/26 10:05 | 1 |
| **Groundwater Elevation** | **579.59** | | | | ft | | | 02/17/26 10:05 | 1 |
| **Oxidation Reduction Potential** | **-138.1** | | | | millivolts | | | 02/17/26 10:05 | 1 |
| **Oxygen, Dissolved** | **1.98** | | | | mg/L | | | 02/17/26 10:05 | 1 |
| **Specific Conductance** | **1.198** | | | | mS/cm | | | 02/17/26 10:05 | 1 |
| **Turbidity** | **8.66** | | | | NTU | | | 02/17/26 10:05 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-18

**Date Collected: 02/17/26 08:57**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-10

**Matrix: Water**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| **Arsenic** | **5.6** | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| **Barium** | **32** | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| **Boron** | **5400** | | 500 | | ug/L | | 02/19/26 13:26 | 02/27/26 14:50 | 10 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| **Calcium** | **130** | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| **Lithium** | **22** | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| **Molybdenum** | **82** | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 14:42 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 12:22 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride (EPA 300.0)** | **110** | | 10 | | mg/L | | | 03/03/26 23:38 | 10 |
| **Sulfate (EPA 300.0)** | **380** | | 10 | | mg/L | | | 03/03/26 23:38 | 10 |
| **Total Dissolved Solids (SM 2540C)** | **900** | | 10 | | mg/L | | | 02/23/26 04:20 | 1 |
| **Fluoride (SM 4500 F C)** | **0.94** | | 0.10 | | mg/L | | | 02/26/26 09:25 | 1 |

### Method: EPA Field Sampling - Field Sampling

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Field pH** | **7.85** | | | | SU | | | 02/17/26 08:57 | 1 |
| **Field Temperature** | **44.8** | | | | Degrees F | | | 02/17/26 08:57 | 1 |
| **Oxidation Reduction Potential** | **-52.6** | | | | millivolts | | | 02/17/26 08:57 | 1 |
| **Oxygen, Dissolved** | **0.75** | | | | mg/L | | | 02/17/26 08:57 | 1 |
| **Specific Conductance** | **1.285** | | | | mS/cm | | | 02/17/26 08:57 | 1 |
| **Turbidity** | **20.42** | | | | NTU | | | 02/17/26 08:57 | 1 |

# Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Qualifiers

### Metals

| Qualifier | Qualifier Description |
|---|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ☼ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| 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) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| 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) |
| TNTC | Too Numerous To Count |

## Metals

### Prep Batch: 854259

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total Recoverable | Water | 3005A | |
| 500-281998-2 | MW-06 | Total Recoverable | Water | 3005A | |
| 500-281998-3 | MW-09 | Total Recoverable | Water | 3005A | |
| 500-281998-4 | MW-10 | Total Recoverable | Water | 3005A | |
| 500-281998-5 | MW-11 | Total Recoverable | Water | 3005A | |
| 500-281998-6 | MW-12 | Total Recoverable | Water | 3005A | |
| 500-281998-7 | 2S/3S Duplicate | Total Recoverable | Water | 3005A | |
| 500-281998-8 | MW-16 | Total Recoverable | Water | 3005A | |
| 500-281998-9 | MW-17 | Total Recoverable | Water | 3005A | |
| 500-281998-10 | MW-18 | Total Recoverable | Water | 3005A | |
| MB 500-854259/1-A | Method Blank | Total Recoverable | Water | 3005A | |
| LCS 500-854259/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| 500-281998-1 MS | MW-05 | Total Recoverable | Water | 3005A | |
| 500-281998-1 MSD | MW-05 | Total Recoverable | Water | 3005A | |
| 500-281998-1 DU | MW-05 | Total Recoverable | Water | 3005A | |

### Prep Batch: 855184

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total/NA | Water | 7470A | |
| 500-281998-2 | MW-06 | Total/NA | Water | 7470A | |
| 500-281998-3 | MW-09 | Total/NA | Water | 7470A | |
| 500-281998-4 | MW-10 | Total/NA | Water | 7470A | |
| 500-281998-5 | MW-11 | Total/NA | Water | 7470A | |
| 500-281998-6 | MW-12 | Total/NA | Water | 7470A | |
| 500-281998-7 | 2S/3S Duplicate | Total/NA | Water | 7470A | |
| 500-281998-8 | MW-16 | Total/NA | Water | 7470A | |
| 500-281998-9 | MW-17 | Total/NA | Water | 7470A | |
| 500-281998-10 | MW-18 | Total/NA | Water | 7470A | |
| MB 500-855184/12-A | Method Blank | Total/NA | Water | 7470A | |
| LCS 500-855184/13-A | Lab Control Sample | Total/NA | Water | 7470A | |
| 500-281998-2 MS | MW-06 | Total/NA | Water | 7470A | |
| 500-281998-2 MSD | MW-06 | Total/NA | Water | 7470A | |
| 500-281998-2 DU | MW-06 | Total/NA | Water | 7470A | |

### Analysis Batch: 855367

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-2 | MW-06 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-3 | MW-09 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-4 | MW-10 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-5 | MW-11 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-6 | MW-12 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-7 | 2S/3S Duplicate | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-8 | MW-16 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-9 | MW-17 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-10 | MW-18 | Total Recoverable | Water | 6020B | 854259 |
| MB 500-854259/1-A | Method Blank | Total Recoverable | Water | 6020B | 854259 |
| LCS 500-854259/2-A | Lab Control Sample | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-1 MS | MW-05 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-1 MSD | MW-05 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-1 DU | MW-05 | Total Recoverable | Water | 6020B | 854259 |

## Metals

### Analysis Batch: 855464

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total/NA | Water | 7470A | 855184 |
| 500-281998-2 | MW-06 | Total/NA | Water | 7470A | 855184 |
| 500-281998-3 | MW-09 | Total/NA | Water | 7470A | 855184 |
| 500-281998-4 | MW-10 | Total/NA | Water | 7470A | 855184 |
| 500-281998-5 | MW-11 | Total/NA | Water | 7470A | 855184 |
| 500-281998-6 | MW-12 | Total/NA | Water | 7470A | 855184 |
| 500-281998-7 | 2S/3S Duplicate | Total/NA | Water | 7470A | 855184 |
| 500-281998-8 | MW-16 | Total/NA | Water | 7470A | 855184 |
| 500-281998-9 | MW-17 | Total/NA | Water | 7470A | 855184 |
| 500-281998-10 | MW-18 | Total/NA | Water | 7470A | 855184 |
| MB 500-855184/12-A | Method Blank | Total/NA | Water | 7470A | 855184 |
| LCS 500-855184/13-A | Lab Control Sample | Total/NA | Water | 7470A | 855184 |
| 500-281998-2 MS | MW-06 | Total/NA | Water | 7470A | 855184 |
| 500-281998-2 MSD | MW-06 | Total/NA | Water | 7470A | 855184 |
| 500-281998-2 DU | MW-06 | Total/NA | Water | 7470A | 855184 |

### Analysis Batch: 855482

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-2 | MW-06 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-3 | MW-09 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-4 | MW-10 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-5 | MW-11 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-6 | MW-12 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-7 | 2S/3S Duplicate | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-8 | MW-16 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-9 | MW-17 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-10 | MW-18 | Total Recoverable | Water | 6020B | 854259 |
| MB 500-854259/1-A | Method Blank | Total Recoverable | Water | 6020B | 854259 |
| LCS 500-854259/2-A | Lab Control Sample | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-1 MS | MW-05 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-1 MSD | MW-05 | Total Recoverable | Water | 6020B | 854259 |
| 500-281998-1 DU | MW-05 | Total Recoverable | Water | 6020B | 854259 |

## General Chemistry

### Analysis Batch: 854184

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-5 | MW-11 | Total/NA | Water | SM 2540C | |
| MB 500-854184/1 | Method Blank | Total/NA | Water | SM 2540C | |
| LCS 500-854184/2 | Lab Control Sample | Total/NA | Water | SM 2540C | |

### Analysis Batch: 854573

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-6 | MW-12 | Total/NA | Water | SM 2540C | |
| 500-281998-7 | 2S/3S Duplicate | Total/NA | Water | SM 2540C | |
| 500-281998-8 | MW-16 | Total/NA | Water | SM 2540C | |
| 500-281998-9 | MW-17 | Total/NA | Water | SM 2540C | |
| 500-281998-10 | MW-18 | Total/NA | Water | SM 2540C | |
| MB 500-854573/1 | Method Blank | Total/NA | Water | SM 2540C | |
| LCS 500-854573/2 | Lab Control Sample | Total/NA | Water | SM 2540C | |

## General Chemistry

### Analysis Batch: 854587

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total/NA | Water | SM 2540C | |
| 500-281998-2 | MW-06 | Total/NA | Water | SM 2540C | |
| 500-281998-3 | MW-09 | Total/NA | Water | SM 2540C | |
| 500-281998-4 | MW-10 | Total/NA | Water | SM 2540C | |
| MB 500-854587/1 | Method Blank | Total/NA | Water | SM 2540C | |
| LCS 500-854587/2 | Lab Control Sample | Total/NA | Water | SM 2540C | |

### Analysis Batch: 855178

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-7 | 2S/3S Duplicate | Total/NA | Water | SM 4500 F C | |
| 500-281998-8 | MW-16 | Total/NA | Water | SM 4500 F C | |
| 500-281998-9 | MW-17 | Total/NA | Water | SM 4500 F C | |
| 500-281998-10 | MW-18 | Total/NA | Water | SM 4500 F C | |
| MB 500-855178/3 | Method Blank | Total/NA | Water | SM 4500 F C | |
| LCS 500-855178/4 | Lab Control Sample | Total/NA | Water | SM 4500 F C | |

### Analysis Batch: 855206

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total/NA | Water | 300.0 | |
| 500-281998-1 | MW-05 | Total/NA | Water | 300.0 | |
| 500-281998-2 | MW-06 | Total/NA | Water | 300.0 | |
| 500-281998-3 | MW-09 | Total/NA | Water | 300.0 | |
| 500-281998-4 | MW-10 | Total/NA | Water | 300.0 | |
| 500-281998-5 | MW-11 | Total/NA | Water | 300.0 | |
| 500-281998-6 | MW-12 | Total/NA | Water | 300.0 | |
| 500-281998-7 | 2S/3S Duplicate | Total/NA | Water | 300.0 | |
| 500-281998-8 | MW-16 | Total/NA | Water | 300.0 | |
| 500-281998-9 | MW-17 | Total/NA | Water | 300.0 | |
| MB 500-855206/3 | Method Blank | Total/NA | Water | 300.0 | |
| LCS 500-855206/4 | Lab Control Sample | Total/NA | Water | 300.0 | |

### Analysis Batch: 855234

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total/NA | Water | SM 4500 F C | |
| 500-281998-2 | MW-06 | Total/NA | Water | SM 4500 F C | |
| 500-281998-3 | MW-09 | Total/NA | Water | SM 4500 F C | |
| 500-281998-4 | MW-10 | Total/NA | Water | SM 4500 F C | |
| 500-281998-5 | MW-11 | Total/NA | Water | SM 4500 F C | |
| 500-281998-6 | MW-12 | Total/NA | Water | SM 4500 F C | |
| MB 500-855234/3 | Method Blank | Total/NA | Water | SM 4500 F C | |
| MB 500-855234/31 | Method Blank | Total/NA | Water | SM 4500 F C | |
| LCS 500-855234/32 | Lab Control Sample | Total/NA | Water | SM 4500 F C | |
| LCS 500-855234/4 | Lab Control Sample | Total/NA | Water | SM 4500 F C | |
| LCSD 500-855234/33 | Lab Control Sample Dup | Total/NA | Water | SM 4500 F C | |

### Analysis Batch: 855845

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-7 | 2S/3S Duplicate | Total/NA | Water | 300.0 | |
| 500-281998-10 | MW-18 | Total/NA | Water | 300.0 | |
| MB 500-855845/3 | Method Blank | Total/NA | Water | 300.0 | |
| LCS 500-855845/4 | Lab Control Sample | Total/NA | Water | 300.0 | |

## General Chemistry (Continued)

### Analysis Batch: 855845 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-10 MS | MW-18 | Total/NA | Water | 300.0 | |
| 500-281998-10 MSD | MW-18 | Total/NA | Water | 300.0 | |

## Field Service / Mobile Lab

### Analysis Batch: 855850

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total/NA | Water | Field Sampling | |
| 500-281998-2 | MW-06 | Total/NA | Water | Field Sampling | |
| 500-281998-3 | MW-09 | Total/NA | Water | Field Sampling | |
| 500-281998-4 | MW-10 | Total/NA | Water | Field Sampling | |
| 500-281998-5 | MW-11 | Total/NA | Water | Field Sampling | |
| 500-281998-6 | MW-12 | Total/NA | Water | Field Sampling | |
| 500-281998-8 | MW-16 | Total/NA | Water | Field Sampling | |
| 500-281998-9 | MW-17 | Total/NA | Water | Field Sampling | |
| 500-281998-10 | MW-18 | Total/NA | Water | Field Sampling | |

## Method: 6020B - Metals (ICP/MS)

**Lab Sample ID: MB 500-854259/1-A**
**Matrix: Water**
**Analysis Batch: 855367**

**Client Sample ID: Method Blank**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Arsenic | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Barium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Beryllium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Cadmium | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Calcium | <0.20 | | 0.20 | | mg/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Chromium | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Cobalt | <1.0 | | 1.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Lead | <0.50 | | 0.50 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Lithium | <10 | | 10 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Molybdenum | <5.0 | | 5.0 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Selenium | <2.5 | | 2.5 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |
| Thallium | <0.40 | | 0.40 | | ug/L | | 02/19/26 13:26 | 02/26/26 13:45 | 1 |

**Lab Sample ID: MB 500-854259/1-A**
**Matrix: Water**
**Analysis Batch: 855482**

**Client Sample ID: Method Blank**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Boron | <50 | | 50 | | ug/L | | 02/19/26 13:26 | 02/27/26 13:55 | 1 |

**Lab Sample ID: LCS 500-854259/2-A**
**Matrix: Water**
**Analysis Batch: 855367**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Antimony | 500 | 525 | | ug/L | | 105 | 80 - 120 |
| Arsenic | 100 | 99.7 | | ug/L | | 100 | 80 - 120 |
| Barium | 500 | 518 | | ug/L | | 104 | 80 - 120 |
| Beryllium | 50.0 | 47.3 | | ug/L | | 95 | 80 - 120 |
| Cadmium | 50.0 | 50.8 | | ug/L | | 102 | 80 - 120 |
| Calcium | 10.0 | 9.94 | | mg/L | | 99 | 80 - 120 |
| Chromium | 200 | 204 | | ug/L | | 102 | 80 - 120 |
| Cobalt | 500 | 547 | | ug/L | | 109 | 80 - 120 |
| Lead | 100 | 101 | | ug/L | | 101 | 80 - 120 |
| Lithium | 100 | 108 | | ug/L | | 108 | 80 - 120 |
| Molybdenum | 1000 | 1030 | | ug/L | | 103 | 80 - 120 |
| Selenium | 100 | 99.1 | | ug/L | | 99 | 80 - 120 |
| Thallium | 100 | 105 | | ug/L | | 105 | 80 - 120 |

**Lab Sample ID: LCS 500-854259/2-A**
**Matrix: Water**
**Analysis Batch: 855482**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Boron | 1000 | 1110 | | ug/L | | 111 | 80 - 120 |

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: 500-281998-1 MS**
**Matrix: Water**
**Analysis Batch: 855367**

**Client Sample ID: MW-05**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | 1.0 | | 500 | 538 | | ug/L | | 107 | 75 - 125 |
| Arsenic | 1.0 | | 100 | 102 | | ug/L | | 101 | 75 - 125 |
| Barium | 45 | | 500 | 545 | | ug/L | | 100 | 75 - 125 |
| Beryllium | <0.40 | | 50.0 | 45.4 | | ug/L | | 91 | 75 - 125 |
| Cadmium | <0.50 | | 50.0 | 50.5 | | ug/L | | 100 | 75 - 125 |
| Calcium | 160 | | 10.0 | 171 | 4 | mg/L | | 101 | 75 - 125 |
| Chromium | <5.0 | | 200 | 196 | | ug/L | | 98 | 75 - 125 |
| Cobalt | <1.0 | | 500 | 518 | | ug/L | | 104 | 75 - 125 |
| Lead | <0.50 | | 100 | 98.2 | | ug/L | | 98 | 75 - 125 |
| Lithium | 14 | | 100 | 119 | | ug/L | | 105 | 75 - 125 |
| Molybdenum | 63 | | 1000 | 1110 | | ug/L | | 105 | 75 - 125 |
| Selenium | 68 | | 100 | 169 | | ug/L | | 101 | 75 - 125 |
| Thallium | <0.40 | | 100 | 103 | | ug/L | | 103 | 75 - 125 |

**Lab Sample ID: 500-281998-1 MS**
**Matrix: Water**
**Analysis Batch: 855482**

**Client Sample ID: MW-05**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Boron | 4300 | | 1000 | 5210 | 4 | ug/L | | 95 | 75 - 125 |

**Lab Sample ID: 500-281998-1 MSD**
**Matrix: Water**
**Analysis Batch: 855367**

**Client Sample ID: MW-05**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 1.0 | | 500 | 546 | | ug/L | | 109 | 75 - 125 | 1 | 20 |
| Arsenic | 1.0 | | 100 | 105 | | ug/L | | 104 | 75 - 125 | 3 | 20 |
| Barium | 45 | | 500 | 559 | | ug/L | | 103 | 75 - 125 | 2 | 20 |
| Beryllium | <0.40 | | 50.0 | 46.5 | | ug/L | | 93 | 75 - 125 | 3 | 20 |
| Cadmium | <0.50 | | 50.0 | 51.6 | | ug/L | | 103 | 75 - 125 | 2 | 20 |
| Calcium | 160 | | 10.0 | 176 | 4 | mg/L | | 143 | 75 - 125 | 2 | 20 |
| Chromium | <5.0 | | 200 | 203 | | ug/L | | 102 | 75 - 125 | 3 | 20 |
| Cobalt | <1.0 | | 500 | 541 | | ug/L | | 108 | 75 - 125 | 4 | 20 |
| Lead | <0.50 | | 100 | 100 | | ug/L | | 100 | 75 - 125 | 2 | 20 |
| Lithium | 14 | | 100 | 124 | | ug/L | | 110 | 75 - 125 | 4 | 20 |
| Molybdenum | 63 | | 1000 | 1140 | | ug/L | | 108 | 75 - 125 | 2 | 20 |
| Selenium | 68 | | 100 | 168 | | ug/L | | 100 | 75 - 125 | 1 | 20 |
| Thallium | <0.40 | | 100 | 105 | | ug/L | | 105 | 75 - 125 | 2 | 20 |

**Lab Sample ID: 500-281998-1 MSD**
**Matrix: Water**
**Analysis Batch: 855482**

**Client Sample ID: MW-05**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 4300 | | 1000 | 5350 | 4 | ug/L | | 108 | 75 - 125 | 3 | 20 |

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: 500-281998-1 DU**
**Matrix: Water**
**Analysis Batch: 855367**

**Client Sample ID: MW-05**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 1.0 | | | <1.0 | | ug/L | | | | NC | 20 |
| Arsenic | 1.0 | | | 1.04 | | ug/L | | | | 0.1 | 20 |
| Barium | 45 | | | 45.6 | | ug/L | | | | 2 | 20 |
| Beryllium | <0.40 | | | <0.40 | | ug/L | | | | NC | 20 |
| Beryllium | <0.40 | | | <0.40 | | ug/L | | | | NC | 20 |
| Cadmium | <0.50 | | | <0.50 | | ug/L | | | | NC | 20 |
| Calcium | 160 | | | 163 | | mg/L | | | | 1 | 20 |
| Chromium | <5.0 | | | <5.0 | | ug/L | | | | NC | 20 |
| Cobalt | <1.0 | | | <1.0 | | ug/L | | | | NC | 20 |
| Lead | <0.50 | | | <0.50 | | ug/L | | | | NC | 20 |
| Lithium | 14 | | | 14.3 | | ug/L | | | | 3 | 20 |
| Molybdenum | 63 | | | 63.7 | | ug/L | | | | 0.8 | 20 |
| Selenium | 68 | | | 67.4 | | ug/L | | | | 0.8 | 20 |
| Thallium | <0.40 | | | <0.40 | | ug/L | | | | NC | 20 |

**Lab Sample ID: 500-281998-1 DU**
**Matrix: Water**
**Analysis Batch: 855482**

**Client Sample ID: MW-05**
**Prep Type: Total Recoverable**
**Prep Batch: 854259**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Boron | 4300 | | | 4160 | | ug/L | | | | 3 | 20 |

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 500-855184/12-A**
**Matrix: Water**
**Analysis Batch: 855464**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 855184**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 0.20 | | ug/L | | 02/26/26 10:55 | 02/27/26 11:27 | 1 |

**Lab Sample ID: LCS 500-855184/13-A**
**Matrix: Water**
**Analysis Batch: 855464**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 855184**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 2.00 | 2.07 | | ug/L | | 103 | 80 - 120 | | |

**Lab Sample ID: 500-281998-2 MS**
**Matrix: Water**
**Analysis Batch: 855464**

**Client Sample ID: MW-06**
**Prep Type: Total/NA**
**Prep Batch: 855184**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 1.00 | 0.971 | | ug/L | | 97 | 75 - 125 | | |

## Method: 7470A - Mercury (CVAA) (Continued)

**Lab Sample ID: 500-281998-2 MSD** — **Client Sample ID: MW-06**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 855464** — **Prep Batch: 855184**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | 1.00 | 0.990 | | ug/L | | 99 | 75 - 125 | 2 | 20 |

**Lab Sample ID: 500-281998-2 DU** — **Client Sample ID: MW-06**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 855464** — **Prep Batch: 855184**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Mercury | <0.20 | | <0.20 | | ug/L | | NC | 20 |

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 500-855206/3** — **Client Sample ID: Method Blank**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 855206**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <1.0 | | 1.0 | | mg/L | | | 02/26/26 21:42 | 1 |
| Sulfate | <1.0 | | 1.0 | | mg/L | | | 02/26/26 21:42 | 1 |

**Lab Sample ID: LCS 500-855206/4** — **Client Sample ID: Lab Control Sample**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 855206**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 100 | 106 | | mg/L | | 106 | 90 - 110 |
| Sulfate | 100 | 106 | | mg/L | | 106 | 90 - 110 |

**Lab Sample ID: MB 500-855845/3** — **Client Sample ID: Method Blank**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 855845**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | <1.0 | | 1.0 | | mg/L | | | 03/03/26 22:34 | 1 |
| Sulfate | <1.0 | | 1.0 | | mg/L | | | 03/03/26 22:34 | 1 |

**Lab Sample ID: LCS 500-855845/4** — **Client Sample ID: Lab Control Sample**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 855845**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chloride | 100 | 109 | | mg/L | | 109 | 90 - 110 |
| Sulfate | 100 | 108 | | mg/L | | 108 | 90 - 110 |

**Lab Sample ID: 500-281998-10 MS** — **Client Sample ID: MW-18**
**Matrix: Water** — **Prep Type: Total/NA**
**Analysis Batch: 855845**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chloride | 110 | | 100 | 225 | | mg/L | | 111 | 80 - 120 |
| Sulfate | 380 | | 100 | 502 | | mg/L | | 119 | 80 - 120 |

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 500-281998-10 MSD**
**Matrix: Water**
**Analysis Batch: 855845**

**Client Sample ID: MW-18**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloride | 110 | | 100 | 218 | | mg/L | | 104 | 80 - 120 | 4 | 20 |
| Sulfate | 380 | | 100 | 482 | | mg/L | | 99 | 80 - 120 | 4 | 20 |

## Method: SM 2540C - Solids, Total Dissolved (TDS)

**Lab Sample ID: MB 500-854184/1**
**Matrix: Water**
**Analysis Batch: 854184**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | <10 | | 10 | | mg/L | | | 02/19/26 06:28 | 1 |

**Lab Sample ID: LCS 500-854184/2**
**Matrix: Water**
**Analysis Batch: 854184**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | 250 | 244 | | mg/L | | 98 | 80 - 120 |

**Lab Sample ID: MB 500-854573/1**
**Matrix: Water**
**Analysis Batch: 854573**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | <10 | | 10 | | mg/L | | | 02/23/26 03:31 | 1 |

**Lab Sample ID: LCS 500-854573/2**
**Matrix: Water**
**Analysis Batch: 854573**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | 250 | 248 | | mg/L | | 99 | 80 - 120 |

**Lab Sample ID: MB 500-854587/1**
**Matrix: Water**
**Analysis Batch: 854587**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | <10 | | 10 | | mg/L | | | 02/23/26 06:07 | 1 |

**Lab Sample ID: LCS 500-854587/2**
**Matrix: Water**
**Analysis Batch: 854587**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | 250 | 258 | | mg/L | | 103 | 80 - 120 |

## Method: SM 4500 F C - Fluoride

**Lab Sample ID: MB 500-855178/3**
**Matrix: Water**
**Analysis Batch: 855178**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluoride | <0.10 | | 0.10 | | mg/L | | | 02/26/26 07:56 | 1 |

**Lab Sample ID: LCS 500-855178/4**
**Matrix: Water**
**Analysis Batch: 855178**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Fluoride | 10.0 | 9.55 | | mg/L | | 96 | 90 - 110 |

**Lab Sample ID: MB 500-855234/3**
**Matrix: Water**
**Analysis Batch: 855234**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluoride | <0.10 | | 0.10 | | mg/L | | | 02/26/26 12:19 | 1 |

**Lab Sample ID: MB 500-855234/31**
**Matrix: Water**
**Analysis Batch: 855234**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluoride | <0.10 | | 0.10 | | mg/L | | | 02/26/26 13:46 | 1 |

**Lab Sample ID: LCS 500-855234/32**
**Matrix: Water**
**Analysis Batch: 855234**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Fluoride | 10.0 | 9.33 | | mg/L | | 93 | 90 - 110 |

**Lab Sample ID: LCS 500-855234/4**
**Matrix: Water**
**Analysis Batch: 855234**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Fluoride | 10.0 | 9.97 | | mg/L | | 100 | 90 - 110 |

**Lab Sample ID: LCSD 500-855234/33**
**Matrix: Water**
**Analysis Batch: 855234**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Fluoride | 10.0 | 9.18 | | mg/L | | 92 | 90 - 110 | 2 | 20 |

**Eurofins Chicago**
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

# Chain of Custody Record

eurofins | Environment Testing

| Client Information | Sampler: IAN JOHN HOUKOM | Lab PM: Mockler, Diana J | Carrier Tracking No(s): | COC No: 500-146409-48726.1 |
|---|---|---|---|---|
| Client Contact: Mr. Tim Stohner | Phone: 630 290 6850 | E-Mail: Diana.Mockler@et.eurofinsus.com | State of Origin: | Page: Page 1 of 1 |
| Company: KPRG and Associates, Inc. | PWSID: | | | Job #: 500-281998 |

| | | |
|---|---|---|
| Address: 414 Plaza Drive Suite 106 | Due Date Requested: | |
| City: Westmont | TAT Requested (days): | |
| State, Zip: IL, 60559 | Compliance Project: Δ Yes Δ No | |
| Phone: | PO #: 4502226736 | |
| Email: tims@kprginc.com | WO #: | |
| Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring CCR | Project #: 50011609 | |
| Site: Illinois | SSOW#: | |

500-281998 COC

**Analysis Requested**

Preservation Codes:
D - HNO3
N - None

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 903.0, 904.0 | 6010C, 6020A, 7470A | 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | D | D | N | | |
| 1 MW-05 | 2-18-26 | 08:17 | G | Water | N | N | X | X | X | 5 | |
| 2 MW-06 | 2-18-26 | 09:13 | G | Water | N | N | X | X | X | 5 | |
| 3 MW-09 | 2-18-26 | 10:36 | G | Water | N | N | X | X | X | 5 | |
| 4 MW-10 | 2-18-26 | 11:52 | G | Water | N | N | X | X | X | 5 | |
| 5 MW-11 | 2-17-26 | 13:00 | G | Water | N | N | X | X | X | 5 | |
| 6 MW-12 | 2-17-26 | 11:14 | G | Water | N | N | X | X | X | 5 | |
| 7 2S/3S Duplicate | 2-17-26 | — | G | Water | N | N | X | X | X | 5 | |
| 8 MW-16 | 2-17-26 | 12:06 | G | Water | N | N | X | X | X | 5 | |
| 9 MW-17 | 2-17-26 | 10:05 | G | Water | N | N | X | X | X | 5 | |
| 10 MW-18 | 2-17-26 | 08:57 | G | Water | N | N | X | X | X | 5 | |

*Possible Hazard Identification*
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| | 2-18-26 14:30 | KPRG | | 2/18/26 1430 | EEPA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 6.5 → 6.6, 5.0 → 4.8, 4.6 → 4.8, 4.1 → 4.3 |
|---|---|---|

**Eurofins Chicago**
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

# Chain of Custody Record

eurofins

| Client Information | Sampler: IAN JOHN HOUKOM | Lab PM: Mockler Diana J | Carrier Tracking No(s): | COC No: 500-146409-48726.1 |
|---|---|---|---|---|
| Client Contact: Mr Tim Stohner | Phone: 630 290 6850 | E-Mail: Diana.Mockler@et.eurofinsus.com | State of Origin: | Page: Page 1 of 1 |
| Company: KPRG and Associates, Inc. | PWSID: | | | Job #: 500-281998 |
| Address: 414 Plaza Drive Suite 106 | Due Date Requested: | | | |
| City: Westmont | TAT Requested (days): | | | |
| State, Zip: IL 60559 | Compliance Project: Δ Yes Δ No | | | |
| Phone: | PO #: 4502226736 | | | |
| Email: tims@kprginc.com | WO #: | | | |
| Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring CCR | Project #: 50011609 | | | |
| Site: Illinois | SSOW#: | | | |

500-281998 COC

**Analysis Requested**

Preservation Codes
D HNO3
N None
Other:

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 903.0, 904.0 | 6010C, 6020A, 7470A | 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E | Total Number of containers | Special Instructions/Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | D | D | N | | |
| 1 | MW-05 | 2-18-26 | 08:17 | G | Water | N | N | X | X | X | 5 | |
| 2 | MW-06 | 2-18-26 | 09:13 | G | Water | N | N | X | X | X | 5 | |
| 3 | MW-09 | 2-18-26 | 10:36 | G | Water | N | N | X | X | X | 5 | |
| 4 | MW-10 | 2-18-26 | 11:52 | G | Water | N | N | X | X | X | 5 | |
| 5 | MW-11 | 2-17-26 | 13:00 | G | Water | N | N | X | X | X | 5 | |
| 6 | MW-12 | 2-17-26 | 11:14 | G | Water | N | N | X | X | X | 5 | |
| 7 | 2S/3S Duplicate | 2-17-26 | — | G | Water | N | N | X | X | X | 5 | |
| 8 | MW-16 | 2-17-26 | 12:06 | G | Water | N | N | X | X | X | 5 | |
| 9 | MW-17 | 2-17-26 | 10:05 | G | Water | N | N | X | X | X | 5 | |
| 10 | MW-18 | 2-17-26 | 08:59 | G | Water | N | N | X | X | X | 5 | |

*Possible Hazard Identification*
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | | 2-18-26 14:30 | KPRG | | 2/18/26 1430 | EETA |
| 2 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| 3 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 6.5-7 6/6, 5.0-7 4.8/4.6-7 4.8, 4.1-7 4.3

# Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-281998-1

**Login Number: 281998**

**List Source: Eurofins Chicago**

**List Number: 1**

**Creator: Scott, Sherri L**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| 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 | Received same day of collection; chilling process has begun. |
| Cooler Temperature is recorded. | True | 6.6,4.8,1.8,1.3 |
| 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. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

# Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-05

**Date Collected: 02/18/26 08:17**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-1

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 13:50 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 5 | 855482 | RN | EET CHI | 02/27/26 14:00 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 11:54 |
| Total/NA | Analysis | 300.0 | | 1 | 855206 | MM | EET CHI | 02/27/26 02:10 |
| Total/NA | Analysis | 300.0 | | 5 | 855206 | MM | EET CHI | 02/27/26 02:26 |
| Total/NA | Analysis | SM 2540C | | 1 | 854587 | CLB | EET CHI | 02/23/26 06:45 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855234 | AC | EET CHI | 02/26/26 13:38 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/18/26 08:17 |

## Client Sample ID: MW-06

**Date Collected: 02/18/26 09:13**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-2

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:14 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 5 | 855482 | RN | EET CHI | 02/27/26 14:19 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 11:56 |
| Total/NA | Analysis | 300.0 | | 1 | 855206 | MM | EET CHI | 02/27/26 02:42 |
| Total/NA | Analysis | SM 2540C | | 1 | 854587 | CLB | EET CHI | 02/23/26 06:48 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855234 | AC | EET CHI | 02/26/26 13:41 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/18/26 09:13 |

## Client Sample ID: MW-09

**Date Collected: 02/18/26 10:36**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-3

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:16 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855482 | RN | EET CHI | 02/27/26 14:22 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 12:04 |
| Total/NA | Analysis | 300.0 | | 5 | 855206 | MM | EET CHI | 02/27/26 03:13 |
| Total/NA | Analysis | SM 2540C | | 1 | 854587 | CLB | EET CHI | 02/23/26 06:50 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855234 | AC | EET CHI | 02/26/26 13:44 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/18/26 10:36 |

## Client Sample ID: MW-10

**Lab Sample ID: 500-281998-4**

**Date Collected: 02/18/26 11:52**

**Matrix: Water**

**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:19 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 5 | 855482 | RN | EET CHI | 02/27/26 14:24 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 12:06 |
| Total/NA | Analysis | 300.0 | | 5 | 855206 | MM | EET CHI | 02/27/26 04:00 |
| Total/NA | Analysis | SM 2540C | | 1 | 854587 | CLB | EET CHI | 02/23/26 06:53 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855234 | AC | EET CHI | 02/26/26 13:57 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/18/26 11:52 |

## Client Sample ID: MW-11

**Lab Sample ID: 500-281998-5**

**Date Collected: 02/17/26 13:00**

**Matrix: Water**

**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:27 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 5 | 855482 | RN | EET CHI | 02/27/26 14:27 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 12:08 |
| Total/NA | Analysis | 300.0 | | 1 | 855206 | MM | EET CHI | 02/27/26 04:16 |
| Total/NA | Analysis | SM 2540C | | 1 | 854184 | CLB | EET CHI | 02/19/26 07:27 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855234 | AC | EET CHI | 02/26/26 14:00 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/17/26 13:00 |

## Client Sample ID: MW-12

**Lab Sample ID: 500-281998-6**

**Date Collected: 02/17/26 11:14**

**Matrix: Water**

**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:29 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 5 | 855482 | RN | EET CHI | 02/27/26 14:30 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 12:10 |
| Total/NA | Analysis | 300.0 | | 1 | 855206 | MM | EET CHI | 02/27/26 04:32 |
| Total/NA | Analysis | SM 2540C | | 1 | 854573 | CLB | EET CHI | 02/23/26 04:09 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855234 | AC | EET CHI | 02/26/26 14:03 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/17/26 11:14 |

## Client Sample ID: 2S/3S Duplicate

**Lab Sample ID: 500-281998-7**

**Date Collected: 02/17/26 00:00**
**Date Received: 02/18/26 14:30**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:35 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 5 | 855482 | RN | EET CHI | 02/27/26 14:33 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 12:16 |
| Total/NA | Analysis | 300.0 | | 1 | 855206 | MM | EET CHI | 02/27/26 04:48 |
| Total/NA | Analysis | 300.0 | | 5 | 855845 | MM | EET CHI | 03/03/26 23:22 |
| Total/NA | Analysis | SM 2540C | | 1 | 854573 | CLB | EET CHI | 02/23/26 04:12 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855178 | AC | EET CHI | 02/26/26 09:16 |

## Client Sample ID: MW-16

**Lab Sample ID: 500-281998-8**

**Date Collected: 02/17/26 12:06**
**Date Received: 02/18/26 14:30**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:37 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855482 | RN | EET CHI | 02/27/26 14:35 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 12:18 |
| Total/NA | Analysis | 300.0 | | 1 | 855206 | MM | EET CHI | 02/27/26 05:04 |
| Total/NA | Analysis | SM 2540C | | 1 | 854573 | CLB | EET CHI | 02/23/26 04:14 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855178 | AC | EET CHI | 02/26/26 09:19 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/17/26 12:06 |

## Client Sample ID: MW-17

**Lab Sample ID: 500-281998-9**

**Date Collected: 02/17/26 10:05**
**Date Received: 02/18/26 14:30**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:40 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 5 | 855482 | RN | EET CHI | 02/27/26 14:48 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 12:20 |
| Total/NA | Analysis | 300.0 | | 5 | 855206 | MM | EET CHI | 02/27/26 05:19 |
| Total/NA | Analysis | SM 2540C | | 1 | 854573 | CLB | EET CHI | 02/23/26 04:17 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855178 | AC | EET CHI | 02/26/26 09:22 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/17/26 10:05 |

# Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR

Job ID: 500-281998-1

## Client Sample ID: MW-18

**Date Collected: 02/17/26 08:57**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-10

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 855367 | RN | EET CHI | 02/26/26 14:42 |
| Total Recoverable | Prep | 3005A | | | 854259 | MS | EET CHI | 02/19/26 13:26 - 02/19/26 19:26 [1] |
| Total Recoverable | Analysis | 6020B | | 10 | 855482 | RN | EET CHI | 02/27/26 14:50 |
| Total/NA | Prep | 7470A | | | 855184 | MJG | EET CHI | 02/26/26 10:55 - 02/26/26 12:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 855464 | MJG | EET CHI | 02/27/26 12:22 |
| Total/NA | Analysis | 300.0 | | 10 | 855845 | MM | EET CHI | 03/03/26 23:38 |
| Total/NA | Analysis | SM 2540C | | 1 | 854573 | CLB | EET CHI | 02/23/26 04:20 |
| Total/NA | Analysis | SM 4500 F C | | 1 | 855178 | AC | EET CHI | 02/26/26 09:25 |
| Total/NA | Analysis | Field Sampling | | 1 | 855850 | DN | EET CHI | 02/17/26 08:57 |

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

**Laboratory References:**

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

| Parameter \| Well | MW-01 | MW-02 | MW-03 | MW-04 | MW-05 |
|---|---|---|---|---|---|
| Field pH | 7.52 | 7.97 | 6.88 | 6.85 | 7.25 |
| Field Temp (deg C) | 12.7 | 14.6 | 12.0 | 12.3 | 11.7 |
| Field Specific Conductance (mS/cm) | 1.413 | 1.256 | 1.360 | 1.956 | 1.318 |
| Dissolved Oxygen (mg/L) | 1.99 | 0.34 | 2.59 | 2.29 | 3.01 |
| Field Turbidity NTU | 36.09 | 2.87 | 5.06 | 14.54 | 7.34 |
| ORP (mV) | -47.2 | -8.1 | 95.3 | 126.5 | 173.4 |
| Groundwater Elevation (ft) | 582.19 | 582.11 | 581.99 | 582.03 | 582.08 |
| Description | Clear | Clear | Clear | Clear | Clear |
| Sampling Method | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump |

| MW-06 | MW-07 | MW-08 | MW-09 | MW-10 | MW-11 | MW-12 |
|---|---|---|---|---|---|---|
| 7.75 | 7.29 | 7.13 | 9.34 | 7.34 | 7.63 | 7.45 |
| 12.6 | 12.9 | 11.1 | 12.9 | 11.8 | 11.8 | 10.8 |
| 0.890 | 1.596 | 1.542 | 1.171 | 1.462 | 1.140 | 1.521 |
| 1.09 | 2.71 | 5.62 | 1.17 | 0.70 | 0.39 | 1.39 |
| 2.14 | 2.40 | 45.76 | 7.32 | 54.66 | 51.63 | 23.73 |
| 86.4 | 88.3 | 125.7 | 4.9 | -55.8 | -93.3 | 74.5 |
| 580.62 | 581.69 | 580.84 | 580.59 | 579.90 | 579.96 | 580.12 |
| Clear | Clear | Clear | Clear | Slightly turbid | Clear | Clear |
| Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump |

| MW-13 | MW-14 | MW-15 | MW-16 | MW-17 | MW-18 |
|---|---|---|---|---|---|
| 7.59 | 8.26 | 7.02 | 7.28 | 8.68 | 7.85 |
| 7.6 | 7.0 | 10.1 | 7.0 | 7.0 | 7.1 |
| 1.135 | 1.248 | 2.338 | 1.351 | 1.198 | 1.285 |
| 4.68 | 2.59 | 1.07 | 0.47 | 1.98 | 0.75 |
| 5.81 | 35.10 | 1.24 | 52.24 | 8.66 | 20.42 |
| 193.3 | 13.1 | -49.4 | -29.4 | -138.1 | -52.6 |
| 581.58 | 581.91 | 582.52 | 579.21 | 579.59 | Not available |
| Clear | Clear | Clear | Clear | Clear | Clear |
| Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump | Dedicated bladder pump |

eurofins | Environment Testing

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

# ANALYTICAL REPORT

## PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 3/23/2026 5:22:59 PM

## JOB DESCRIPTION

Will County 2S/3S CCR (RAD)

## JOB NUMBER

500-281998-2

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.



myEOL

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Authorization

Generated
3/23/2026 5:22:59 PM

Authorized for release by
Diana Mockler, Project Manager I
Diana.Mockler@et.eurofinsus.com
(219)252-7570

# Table of Contents

**Job Narrative**
**500-281998-2**

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

**Receipt**
The samples were received on 2/18/2026 2:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.3°C, 1.8°C, 4.8°C and 6.6°C.

**Gas Flow Proportional Counter**
Method 904.0: Radium-228 batch 758833
The detection goal was not met for the following samples due to the reduced sample volume used for prep attributed to the presence of matrix interferences: MW-11 (500-281998-5) and MW-12 (500-281998-6). Analytical results are reported with the detection limit achieved.

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

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

# Method Summary

Client: Midwest Generation EME LLC
Job ID: 500-281998-2
Project/Site: Will County 2S/3S CCR (RAD)

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 903.0 | Radium-226 (GFPC) | EPA | EET SL |
| 904.0 | Radium-228 (GFPC) | EPA | EET SL |
| Ra226_Ra228 | Combined Radium-226 and Radium-228 | TAL-STL | EET SL |
| PrecSep_0 | Preparation, Precipitate Separation | None | EET SL |
| PrecSep-21 | Preparation, Precipitate Separation (21-Day In-Growth) | None | EET SL |

**Protocol References:**

EPA = US Environmental Protection Agency

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

**Laboratory References:**

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

# Sample Summary

Client: Midwest Generation EME LLC
Job ID: 500-281998-2
Project/Site: Will County 2S/3S CCR (RAD)

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Water | 02/18/26 08:17 | 02/18/26 14:30 | Illinois |
| 500-281998-2 | MW-06 | Water | 02/18/26 09:13 | 02/18/26 14:30 | Illinois |
| 500-281998-3 | MW-09 | Water | 02/18/26 10:36 | 02/18/26 14:30 | Illinois |
| 500-281998-4 | MW-10 | Water | 02/18/26 11:52 | 02/18/26 14:30 | Illinois |
| 500-281998-5 | MW-11 | Water | 02/17/26 13:00 | 02/18/26 14:30 | Illinois |
| 500-281998-6 | MW-12 | Water | 02/17/26 11:14 | 02/18/26 14:30 | Illinois |
| 500-281998-7 | 2S/3S Duplicate | Water | 02/17/26 00:00 | 02/18/26 14:30 | Illinois |
| 500-281998-8 | MW-16 | Water | 02/17/26 12:06 | 02/18/26 14:30 | Illinois |
| 500-281998-9 | MW-17 | Water | 02/17/26 10:05 | 02/18/26 14:30 | Illinois |
| 500-281998-10 | MW-18 | Water | 02/17/26 08:57 | 02/18/26 14:30 | Illinois |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

**Client Sample ID: MW-05**
**Date Collected: 02/18/26 08:17**
**Date Received: 02/18/26 14:30**

**Lab Sample ID: 500-281998-1**
**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-226 | 0.0919 | U | 0.110 | 0.110 | 1.00 | 0.180 | pCi/L | 02/26/26 08:58 | 03/20/26 14:58 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *79.4* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 14:58* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.118 | U | 0.510 | 0.510 | 1.00 | 0.905 | pCi/L | 02/26/26 09:01 | 03/17/26 12:12 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *79.4* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:12* | *1* |
| *Y Carrier* | *77.8* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:12* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Combined Radium 226 + 228 | 0.210 | U | 0.522 | 0.522 | 5.00 | 0.905 | pCi/L | | 03/23/26 17:10 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

**Client Sample ID: MW-06**
**Date Collected: 02/18/26 09:13**
**Date Received: 02/18/26 14:30**

**Lab Sample ID: 500-281998-2**
**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-226 | 0.0864 | U | 0.0986 | 0.0989 | 1.00 | 0.159 | pCi/L | 02/26/26 08:58 | 03/20/26 14:58 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *78.3* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 14:58* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.509 | U | 0.507 | 0.510 | 1.00 | 0.820 | pCi/L | 02/26/26 09:01 | 03/17/26 12:12 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *78.3* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:12* | *1* |
| *Y Carrier* | *82.2* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:12* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Combined Radium 226 + 228 | 0.595 | U | 0.516 | 0.520 | 5.00 | 0.820 | pCi/L | | 03/23/26 17:10 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

**Client Sample ID: MW-09**
**Date Collected: 02/18/26 10:36**
**Date Received: 02/18/26 14:30**

**Lab Sample ID: 500-281998-3**
**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-226 | 0.131 | U | 0.106 | 0.107 | 1.00 | 0.150 | pCi/L | 02/26/26 08:58 | 03/20/26 14:58 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *71.4* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 14:58* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.299 | U | 0.526 | 0.527 | 1.00 | 0.901 | pCi/L | 02/26/26 09:01 | 03/17/26 13:06 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *71.4* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 13:06* | *1* |
| *Y Carrier* | *81.9* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 13:06* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Combined Radium 226 + 228 | 0.430 | U | 0.537 | 0.538 | 5.00 | 0.901 | pCi/L | | 03/23/26 17:10 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

**Client Sample ID: MW-10**
**Date Collected: 02/18/26 11:52**
**Date Received: 02/18/26 14:30**

**Lab Sample ID: 500-281998-4**
**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| **Radium-226** | **0.273** | | 0.144 | 0.146 | 1.00 | 0.180 | pCi/L | 02/26/26 08:58 | 03/20/26 14:58 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *81.1* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 14:58* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.475 | U | 0.501 | 0.503 | 1.00 | 0.815 | pCi/L | 02/26/26 09:01 | 03/17/26 13:06 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *81.1* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 13:06* | *1* |
| *Y Carrier* | *81.1* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 13:06* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Combined Radium 226 + 228 | 0.748 | U | 0.521 | 0.524 | 5.00 | 0.815 | pCi/L | | 03/23/26 17:10 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

**Client Sample ID: MW-11**
**Date Collected: 02/17/26 13:00**
**Date Received: 02/18/26 14:30**

**Lab Sample ID: 500-281998-5**
**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-226 | 0.224 | U | 0.180 | 0.181 | 1.00 | 0.266 | pCi/L | 02/26/26 08:58 | 03/20/26 14:59 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *75.1* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 14:59* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.743 | U G | 0.737 | 0.740 | 1.00 | 1.19 | pCi/L | 02/26/26 09:01 | 03/17/26 13:07 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *75.1* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 13:07* | *1* |
| *Y Carrier* | *84.1* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 13:07* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Combined Radium 226 + 228 | 0.967 | U | 0.759 | 0.762 | 5.00 | 1.19 | pCi/L | | 03/23/26 17:10 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

## Client Sample ID: MW-12

**Date Collected: 02/17/26 11:14**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-6

**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| **Radium-226** | **0.236** | | 0.160 | 0.161 | 1.00 | 0.215 | pCi/L | 02/26/26 08:58 | 03/20/26 14:59 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *79.7* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 14:59* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.342 | U G | 0.724 | 0.725 | 1.00 | 1.25 | pCi/L | 02/26/26 09:01 | 03/17/26 13:07 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *79.7* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 13:07* | *1* |
| *Y Carrier* | *80.7* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 13:07* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Combined Radium 226 + 228 | 0.578 | U | 0.741 | 0.743 | 5.00 | 1.25 | pCi/L | | 03/23/26 17:10 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

## Client Sample ID: 2S/3S Duplicate

**Date Collected: 02/17/26 00:00**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-7

**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| **Radium-226** | **0.727** | | 0.199 | 0.210 | 1.00 | 0.150 | pCi/L | 02/26/26 08:58 | 03/20/26 14:59 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *81.4* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 14:59* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.632 | U | 0.452 | 0.456 | 1.00 | 0.692 | pCi/L | 02/26/26 09:01 | 03/17/26 12:14 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *81.4* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:14* | *1* |
| *Y Carrier* | *81.9* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:14* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| **Combined Radium 226 + 228** | **1.36** | | 0.494 | 0.502 | 5.00 | 0.692 | pCi/L | | 03/23/26 17:10 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

**Client Sample ID: MW-16**
**Date Collected: 02/17/26 12:06**
**Date Received: 02/18/26 14:30**

**Lab Sample ID: 500-281998-8**
**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| **Radium-226** | **0.266** | | 0.135 | 0.137 | 1.00 | 0.157 | pCi/L | 02/26/26 08:58 | 03/20/26 15:12 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *81.4* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 15:12* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.375 | U | 0.422 | 0.423 | 1.00 | 0.691 | pCi/L | 02/26/26 09:01 | 03/17/26 12:14 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *81.4* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:14* | *1* |
| *Y Carrier* | *75.1* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:14* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Combined Radium 226 + 228 | 0.642 | U | 0.443 | 0.445 | 5.00 | 0.691 | pCi/L | | 03/23/26 17:10 | 1 |

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

## Client Sample ID: MW-17

**Date Collected: 02/17/26 10:05**
**Date Received: 02/18/26 14:30**

## Lab Sample ID: 500-281998-9

**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| **Radium-226** | **0.550** | | 0.177 | 0.184 | 1.00 | 0.162 | pCi/L | 02/26/26 08:58 | 03/20/26 15:12 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *83.1* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 15:12* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.110 | U | 0.367 | 0.367 | 1.00 | 0.652 | pCi/L | 02/26/26 09:01 | 03/17/26 12:14 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *83.1* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:14* | *1* |
| *Y Carrier* | *82.6* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:14* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| **Combined Radium 226 + 228** | **0.660** | | 0.407 | 0.411 | 5.00 | 0.652 | pCi/L | | 03/23/26 17:10 | 1 |

**Client Sample ID: MW-18**
**Date Collected: 02/17/26 08:57**
**Date Received: 02/18/26 14:30**

**Lab Sample ID: 500-281998-10**
**Matrix: Water**

### Method: EPA 903.0 - Radium-226 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-226 | 0.285 | | 0.147 | 0.149 | 1.00 | 0.178 | pCi/L | 02/26/26 08:58 | 03/20/26 15:12 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *76.6* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 15:12* | *1* |

### Method: EPA 904.0 - Radium-228 (GFPC)

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | 0.959 | | 0.484 | 0.492 | 1.00 | 0.679 | pCi/L | 02/26/26 09:01 | 03/17/26 12:14 | 1 |

| *Carrier* | *%Yield* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *76.6* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:14* | *1* |
| *Y Carrier* | *83.4* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:14* | *1* |

### Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

| Analyte | Result | Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Combined Radium 226 + 228 | 1.24 | | 0.506 | 0.514 | 5.00 | 0.679 | pCi/L | | 03/23/26 17:10 | 1 |

# Definitions/Glossary

Client: Midwest Generation EME LLC
Job ID: 500-281998-2
Project/Site: Will County 2S/3S CCR (RAD)

## Qualifiers

### Rad

| Qualifier | Qualifier Description |
|---|---|
| G | The Sample MDC is greater than the requested RL. |
| U | Result is less than the sample detection limit. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ☼ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| 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) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| 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) |
| TNTC | Too Numerous To Count |

# QC Association Summary

Client: Midwest Generation EME LLC
Job ID: 500-281998-2
Project/Site: Will County 2S/3S CCR (RAD)

## Rad

### Prep Batch: 758832

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total/NA | Water | PrecSep-21 | |
| 500-281998-2 | MW-06 | Total/NA | Water | PrecSep-21 | |
| 500-281998-3 | MW-09 | Total/NA | Water | PrecSep-21 | |
| 500-281998-4 | MW-10 | Total/NA | Water | PrecSep-21 | |
| 500-281998-5 | MW-11 | Total/NA | Water | PrecSep-21 | |
| 500-281998-6 | MW-12 | Total/NA | Water | PrecSep-21 | |
| 500-281998-7 | 2S/3S Duplicate | Total/NA | Water | PrecSep-21 | |
| 500-281998-8 | MW-16 | Total/NA | Water | PrecSep-21 | |
| 500-281998-9 | MW-17 | Total/NA | Water | PrecSep-21 | |
| 500-281998-10 | MW-18 | Total/NA | Water | PrecSep-21 | |
| MB 160-758832/1-A | Method Blank | Total/NA | Water | PrecSep-21 | |
| LCS 160-758832/2-A | Lab Control Sample | Total/NA | Water | PrecSep-21 | |

### Prep Batch: 758833

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-281998-1 | MW-05 | Total/NA | Water | PrecSep_0 | |
| 500-281998-2 | MW-06 | Total/NA | Water | PrecSep_0 | |
| 500-281998-3 | MW-09 | Total/NA | Water | PrecSep_0 | |
| 500-281998-4 | MW-10 | Total/NA | Water | PrecSep_0 | |
| 500-281998-5 | MW-11 | Total/NA | Water | PrecSep_0 | |
| 500-281998-6 | MW-12 | Total/NA | Water | PrecSep_0 | |
| 500-281998-7 | 2S/3S Duplicate | Total/NA | Water | PrecSep_0 | |
| 500-281998-8 | MW-16 | Total/NA | Water | PrecSep_0 | |
| 500-281998-9 | MW-17 | Total/NA | Water | PrecSep_0 | |
| 500-281998-10 | MW-18 | Total/NA | Water | PrecSep_0 | |
| MB 160-758833/1-A | Method Blank | Total/NA | Water | PrecSep_0 | |
| LCS 160-758833/2-A | Lab Control Sample | Total/NA | Water | PrecSep_0 | |

## Method: 903.0 - Radium-226 (GFPC)

**Lab Sample ID: MB 160-758832/1-A**
**Matrix: Water**
**Analysis Batch: 762294**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 758832**

| Analyte | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-226 | 0.02564 | U | 0.114 | 0.114 | 1.00 | 0.213 | pCi/L | 02/26/26 08:58 | 03/20/26 14:54 | 1 |

| *Carrier* | *MB %Yield* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *87.1* | | *30 - 110* | *02/26/26 08:58* | *03/20/26 14:54* | *1* |

**Lab Sample ID: LCS 160-758832/2-A**
**Matrix: Water**
**Analysis Batch: 762294**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 758832**

| Analyte | | | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL | MDC | Unit | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radium-226 | | | 9.57 | 8.570 | | 0.987 | 1.00 | 0.190 | pCi/L | 90 | 75 - 125 | | |

| *Carrier* | *LCS %Yield* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Ba Carrier* | *88.9* | | *30 - 110* |

## Method: 904.0 - Radium-228 (GFPC)

**Lab Sample ID: MB 160-758833/1-A**
**Matrix: Water**
**Analysis Batch: 761679**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 758833**

| Analyte | MB Result | MB Qualifier | Count Uncert. (2σ+/-) | Total Uncert. (2σ+/-) | RL | MDC | Unit | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | -0.4043 | U | 0.337 | 0.339 | 1.00 | 0.724 | pCi/L | 02/26/26 09:01 | 03/17/26 12:12 | 1 |

| *Carrier* | *MB %Yield* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Ba Carrier* | *87.1* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:12* | *1* |
| *Y Carrier* | *82.2* | | *30 - 110* | *02/26/26 09:01* | *03/17/26 12:12* | *1* |

**Lab Sample ID: LCS 160-758833/2-A**
**Matrix: Water**
**Analysis Batch: 761679**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 758833**

| Analyte | | | Spike Added | LCS Result | LCS Qual | Total Uncert. (2σ+/-) | RL | MDC | Unit | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Radium-228 | | | 9.33 | 10.45 | | 1.43 | 1.00 | 0.629 | pCi/L | 112 | 75 - 125 | | |

| *Carrier* | *LCS %Yield* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Ba Carrier* | *88.9* | | *30 - 110* |
| *Y Carrier* | *83.7* | | *30 - 110* |

**Eurofins Chicago**
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

# Chain of Custody Record

eurofins | Environment Testing

| Client Information | Sampler: IAN JOHN HOUKOM | Lab PM: Mockler, Diana J | Carrier Tracking No(s): | COC No: 500-146409-48726.1 |
|---|---|---|---|---|
| Client Contact: Mr. Tim Stohner | Phone: 630 290 6850 | E-Mail: Diana.Mockler@et.eurofinsus.com | State of Origin: | Page: Page 1 of 1 |
| Company: KPRG and Associates, Inc. | PWSID: | | | Job #: 500-281998 |

| | | |
|---|---|---|
| Address: 414 Plaza Drive Suite 106 | Due Date Requested: | Preservation Codes: D - HNO3, N - None |
| City: Westmont | TAT Requested (days): | |
| State, Zip: IL, 60559 | Compliance Project: Δ Yes Δ No | |
| Phone: | PO #: 4502226736 | |
| Email: tims@kprginc.com | WO #: | |
| Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring CCR | Project #: 50011609 | |
| Site: Illinois | SSOW#: | Other: |

500-281998 COC

**Analysis Requested**

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 903.0, 904.0 | 6010C, 6020A, 7470A | 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | D | D | N | | |
| 1 MW-05 | 2-18-26 | 08:17 | G | Water | N | N | X | X | X | 5 | |
| 2 MW-06 | 2-18-26 | 09:13 | G | Water | N | N | X | X | X | 5 | |
| 3 MW-09 | 2-18-26 | 10:36 | G | Water | N | N | X | X | X | 5 | |
| 4 MW-10 | 2-18-26 | 11:52 | G | Water | N | N | X | X | X | 5 | |
| 5 MW-11 | 2-17-26 | 13:00 | G | Water | N | N | X | X | X | 5 | |
| 6 MW-12 | 2-17-26 | 11:14 | G | Water | N | N | X | X | X | 5 | |
| 7 2S/3S Duplicate | 2-17-26 | — | G | Water | N | N | X | X | X | 5 | |
| 8 MW-16 | 2-17-26 | 12:06 | G | Water | N | N | X | X | X | 5 | |
| 9 MW-17 | 2-17-26 | 10:05 | G | Water | N | N | X | X | X | 5 | |
| 10 MW-18 | 2-17-26 | 08:57 | G | Water | N | N | X | X | X | 5 | |

*Possible Hazard Identification*
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| Relinquished by: | 2-18-26 14:30 | KPRG | | 2/18/26 1430 | EEPA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 6.5 → 6.6, 5.0 → 4.8, 4.6 → 4.8, 4.1 → 4.3

**Eurofins Chicago**
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

# Chain of Custody Record

eurofins

| Client Information | Sampler: IAN JOHN HOUKOM | Lab PM: Mockler Diana J | Carrier Tracking No(s): | COC No: 500-146409-48726.1 |
|---|---|---|---|---|
| Client Contact: Mr Tim Stohner | Phone: 630 290 6850 | E-Mail: Diana.Mockler@et.eurofinsus.com | State of Origin: | Page: Page 1 of 1 |
| Company: KPRG and Associates, Inc. | PWSID: | | | Job #: 500-281998 |
| Address: 414 Plaza Drive Suite 106 | Due Date Requested: | | | |
| City: Westmont | TAT Requested (days): | | | |
| State, Zip: IL 60559 | Compliance Project: Δ Yes Δ No | | | |
| Phone: | PO #: 4502226736 | | | |
| Email: tims@kprginc.com | WO #: | | | |
| Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring CCR | Project #: 50011609 | | | |
| Site: Illinois | SSOW#: | | | |

500-281998 COC

**Analysis Requested**

Preservation Codes: D HNO3; N None

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air DW=Drinking Water) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 903.0, 904.0 | 6010C, 6020A, 7470A | 2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E | Total Number of containers | Special Instructions/Note |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Preservation Code: | | | | D | D | N | | |
| 1 | MW-05 | 2-18-26 | 08:17 | G | Water | N | N | X | X | X | 5 | |
| 2 | MW-06 | 2-18-26 | 09:13 | G | Water | N | N | X | X | X | 5 | |
| 3 | MW-09 | 2-18-26 | 10:36 | G | Water | N | N | X | X | X | 5 | |
| 4 | MW-10 | 2-18-26 | 11:52 | G | Water | N | N | X | X | X | 5 | |
| 5 | MW-11 | 2-17-26 | 13:00 | G | Water | N | N | X | X | X | 5 | |
| 6 | MW-12 | 2-17-26 | 11:14 | G | Water | N | N | X | X | X | 5 | |
| 7 | 2S/3S Duplicate | 2-17-26 | — | G | Water | N | N | X | X | X | 5 | |
| 8 | MW-16 | 2-17-26 | 12:06 | G | Water | N | N | X | X | X | 5 | |
| 9 | MW-17 | 2-17-26 | 10:05 | G | Water | N | N | X | X | X | 5 | |
| 10 | MW-18 | 2-17-26 | 08:59 | G | Water | N | N | X | X | X | 5 | |

*Possible Hazard Identification*
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

*Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements.

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | | 2-18-26 14:30 | KPRG | | 2/18/26 1430 | EETA |
| 2 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| 3 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 6.5-7 6/6, 5.0-7 4.8/4.6-7 4.8, 4.1-7 4.3

**Eurofins Chicago**
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Mockler, Diana J | Carrier Tracking No(s): N/A | COC No: 500-218504.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Diana.Mockler@et.eurofinsus.com | State of Origin: Illinois | Page: Page 1 of 2 |
| Company: TestAmerica Laboratories, Inc. | | Accreditations Required (See note): NELAP - Illinois | | Job #: 500-281998-1 |
| Address: 13715 Rider Trail North, , | Due Date Requested: 3/10/2026 | | | |
| City: Earth City | TAT Requested (days): N/A | | | |
| State, Zip: MO, 63045 | | | | |
| Phone: 314-298-8566(Tel) 314-298-8757(Fax) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: Will County CCR | Project #: 50011609 | | | |
| Site: NRG Midwest Generation Will County | SSOW#: N/A | | | |

**Analysis Requested**

**Preservation Codes:** -

**Other:** N/A

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 903.0/PrecSep_21Standard Target List | 904.0/PrecSep_0Standard Target List | Ra226Ra228_GFPC | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | |
| MW-05 (500-281998-1) | 2/18/26 | 08:17 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |
| MW-06 (500-281998-2) | 2/18/26 | 09:13 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |
| MW-09 (500-281998-3) | 2/18/26 | 10:36 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |
| MW-10 (500-281998-4) | 2/18/26 | 11:52 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |
| MW-11 (500-281998-5) | 2/17/26 | 13:00 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |
| MW-12 (500-281998-6) | 2/17/26 | 11:14 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |
| 2S/3S Duplicate (500-281998-7) | 2/17/26 | Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |
| MW-16 (500-281998-8) | 2/17/26 | 12:06 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |
| MW-17 (500-281998-9) | 2/17/26 | 10:05 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

| *Possible Hazard Identification* | *Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)* |
|---|---|
| *Unconfirmed* | ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months* |
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| [signature] | 2/18/26 1545 | | [signature] | 0915 FEB 19 2026 | |
| Relinquished by: | Date/Time: | Company | Received by: Cheyenne Forrest | Date/Time: | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 10/10/2024

**Eurofins Chicago**
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

# Chain of Custody Record

eurofins | Environment Testing

| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Mockler, Diana J | Carrier Tracking No(s): N/A | COC No: 500-218504.2 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Diana.Mockler@et.eurofinsus.com | State of Origin: Illinois | Page: Page 2 of 2 |
| Company: TestAmerica Laboratories, Inc. | | Accreditations Required (See note): NELAP - Illinois | | Job #: 500-281998-1 |
| Address: 13715 Rider Trail North, , | Due Date Requested: 3/10/2026 | | | |
| City: Earth City | TAT Requested (days): N/A | | | |
| State, Zip: MO, 63045 | | | | |
| Phone: 314-298-8566(Tel) 314-298-8757(Fax) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: Will County CCR | Project #: 50011609 | | | |
| Site: NRG Midwest Generation Will County | SSOW#: N/A | | | |

**Analysis Requested**

**Preservation Codes:** -

**Other:** N/A

| Sample Identification - Client ID (Lab ID) | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 903.0/PrecSep_21Standard Target List | 904.0/PrecSep_0Standard Target List | Ra226Ra228_GFPC | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | |
| MW-18 (500-281998-10) | 2/17/26 | 08:57 Central | G | Water | | | X | X | X | 3 | Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume; |

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

| ***Possible Hazard Identification*** *Unconfirmed* | ***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months* |
|---|---|
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| [signature] | 2/18/26 1545 | | [signature] | 0915 FEB 19 2026 | |
| Relinquished by: | Date/Time: | Company | Received by: Cheyenne Forrest | Date/Time: | Company |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

Ver: 10/10/2024

# Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-281998-2

**Login Number: 281998**

**List Source: Eurofins Chicago**

**List Number: 1**

**Creator: Scott, Sherri L**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| 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 | Received same day of collection; chilling process has begun. |
| Cooler Temperature is recorded. | True | 6.6,4.8,1.8,1.3 |
| 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. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

# Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-281998-2

**Login Number: 281998**
**List Number: 2**
**Creator: Forrest, Cheyenne L**

**List Source: Eurofins St. Louis**
**List Creation: 02/19/26 11:37 AM**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| 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. | N/A | |
| 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? | N/A | |
| 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. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

# Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

## Client Sample ID: MW-05

**Lab Sample ID: 500-281998-1**

**Date Collected: 02/18/26 08:17**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762294 | SWS | EET SL | 03/20/26 14:58 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761679 | SWS | EET SL | 03/17/26 12:12 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

## Client Sample ID: MW-06

**Lab Sample ID: 500-281998-2**

**Date Collected: 02/18/26 09:13**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762294 | SWS | EET SL | 03/20/26 14:58 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761679 | SWS | EET SL | 03/17/26 12:12 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

## Client Sample ID: MW-09

**Lab Sample ID: 500-281998-3**

**Date Collected: 02/18/26 10:36**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762294 | SWS | EET SL | 03/20/26 14:58 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761679 | SWS | EET SL | 03/17/26 13:06 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

## Client Sample ID: MW-10

**Lab Sample ID: 500-281998-4**

**Date Collected: 02/18/26 11:52**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762294 | SWS | EET SL | 03/20/26 14:58 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761679 | SWS | EET SL | 03/17/26 13:06 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

# Lab Chronicle

Client: Midwest Generation EME LLC
Job ID: 500-281998-2
Project/Site: Will County 2S/3S CCR (RAD)

## Client Sample ID: MW-11
**Lab Sample ID: 500-281998-5**
**Date Collected: 02/17/26 13:00**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762294 | SWS | EET SL | 03/20/26 14:59 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761679 | SWS | EET SL | 03/17/26 13:07 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

## Client Sample ID: MW-12
**Lab Sample ID: 500-281998-6**
**Date Collected: 02/17/26 11:14**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762294 | SWS | EET SL | 03/20/26 14:59 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761679 | SWS | EET SL | 03/17/26 13:07 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

## Client Sample ID: 2S/3S Duplicate
**Lab Sample ID: 500-281998-7**
**Date Collected: 02/17/26 00:00**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762294 | SWS | EET SL | 03/20/26 14:59 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761680 | SWS | EET SL | 03/17/26 12:14 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

## Client Sample ID: MW-16
**Lab Sample ID: 500-281998-8**
**Date Collected: 02/17/26 12:06**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762298 | SWS | EET SL | 03/20/26 15:12 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761680 | SWS | EET SL | 03/17/26 12:14 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

# Lab Chronicle

Client: Midwest Generation EME LLC
Job ID: 500-281998-2
Project/Site: Will County 2S/3S CCR (RAD)

## Client Sample ID: MW-17
**Lab Sample ID: 500-281998-9**

**Date Collected: 02/17/26 10:05**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762298 | SWS | EET SL | 03/20/26 15:12 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761680 | SWS | EET SL | 03/17/26 12:14 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

## Client Sample ID: MW-18
**Lab Sample ID: 500-281998-10**

**Date Collected: 02/17/26 08:57**
**Matrix: Water**
**Date Received: 02/18/26 14:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | PrecSep-21 | | | 758832 | AMS | EET SL | 02/26/26 08:58 |
| Total/NA | Analysis | 903.0 | | 1 | 762298 | SWS | EET SL | 03/20/26 15:12 |
| Total/NA | Prep | PrecSep_0 | | | 758833 | AMS | EET SL | 02/26/26 09:01 |
| Total/NA | Analysis | 904.0 | | 1 | 761680 | SWS | EET SL | 03/17/26 12:14 |
| Total/NA | Analysis | Ra226_Ra228 | | 1 | 762565 | FLC | EET SL | 03/23/26 17:10 |

**Laboratory References:**

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

# Tracer/Carrier Summary

Client: Midwest Generation EME LLC
Project/Site: Will County 2S/3S CCR (RAD)

Job ID: 500-281998-2

## Method: 903.0 - Radium-226 (GFPC)

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Yield (Acceptance Limits) |
|---|---|---|
| | | Ba |
| Lab Sample ID | Client Sample ID | (30-110) |
| 500-281998-1 | MW-05 | 79.4 |
| 500-281998-2 | MW-06 | 78.3 |
| 500-281998-3 | MW-09 | 71.4 |
| 500-281998-4 | MW-10 | 81.1 |
| 500-281998-5 | MW-11 | 75.1 |
| 500-281998-6 | MW-12 | 79.7 |
| 500-281998-7 | 2S/3S Duplicate | 81.4 |
| 500-281998-8 | MW-16 | 81.4 |
| 500-281998-9 | MW-17 | 83.1 |
| 500-281998-10 | MW-18 | 76.6 |
| LCS 160-758832/2-A | Lab Control Sample | 88.9 |
| MB 160-758832/1-A | Method Blank | 87.1 |

**Tracer/Carrier Legend**

Ba = Ba Carrier

## Method: 904.0 - Radium-228 (GFPC)

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Yield (Acceptance Limits) | |
|---|---|---|---|
| | | Ba | Y |
| Lab Sample ID | Client Sample ID | (30-110) | (30-110) |
| 500-281998-1 | MW-05 | 79.4 | 77.8 |
| 500-281998-2 | MW-06 | 78.3 | 82.2 |
| 500-281998-3 | MW-09 | 71.4 | 81.9 |
| 500-281998-4 | MW-10 | 81.1 | 81.1 |
| 500-281998-5 | MW-11 | 75.1 | 84.1 |
| 500-281998-6 | MW-12 | 79.7 | 80.7 |
| 500-281998-7 | 2S/3S Duplicate | 81.4 | 81.9 |
| 500-281998-8 | MW-16 | 81.4 | 75.1 |
| 500-281998-9 | MW-17 | 83.1 | 82.6 |
| 500-281998-10 | MW-18 | 76.6 | 83.4 |
| LCS 160-758833/2-A | Lab Control Sample | 88.9 | 83.7 |
| MB 160-758833/1-A | Method Blank | 87.1 | 82.2 |

**Tracer/Carrier Legend**

Ba = Ba Carrier

Y = Y Carrier

| PROJECT NAME | NRG – WILL COUNTY STATION (12313.3) | | DATE | 2-18-26 |
|---|---|---|---|---|
| Sample Name | MW-05 | Start Time | 08:02 | |
| Condition of Well | Good | | | |
| Water Level | 10.91 | Total Depth | — | |
| Well Diameter | PVC – 2 inch | Volume in Well | — | |
| Method of Purge | Low-Flow | Purge Characteristics | COLORLESS ODORLESS | |
| Volume Removed | 2.0 QTS. | W L at Sample Time | 10.91 | |
| Method of Sample | Low-Flow | Sample Characteristics | APPEARS CLEAR CCA FILTERED. | |
| Sample Analysis | CCA + CCR | Sample Time | 08:17 | |
| Water Quality Meter | YSI ProDss | | | |

| Time | Depth to Water (ft) | ph (SU) | Temp (°C) | Spec. Cond (mS/cm). | DO (mg/L) | ORP (mV) | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| 08:05 | 10.93 | 7.35 | 11.7 | 1.255 | 5.42 | 168.8 | 7.99 |
| 08:08 | 10.96 | 7.26 | 11.7 | 1.292 | 4.18 | 174.1 | 7.60 |
| 08:11 | 10.93 | 7.26 | 11.9 | 1.307 | 3.57 | 174.1 | 7.54 |
| 08:14 | 10.92 | 7.25 | 11.7 | 1.316 | 3.06 | 173.6 | 7.32 |
| 08:17 | 10.91 | 7.25 | 11.7 | 1.318 | 3.01 | 173.4 | 7.34 |
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

| PROJECT NAME | NRG – WILL COUNTY STATION (12313.3) | | DATE | 2-18-26 |
|---|---|---|---|---|
| Sample Name | MW-06 | Start Time | 08:58 | |
| Condition of Well | Good | | | |
| Water Level | 12.53 | Total Depth | — | |
| Well Diameter | PVC – 2 inch | Volume in Well | — | |
| Method of Purge | Low-Flow | Purge Characteristics | COLORLESS ODORLESS | |
| Volume Removed | 1.75 QTS | W L at Sample Time | 12.62 | |
| Method of Sample | Low-Flow | Sample Characteristics | APPEARS CLEAR CCA FILTERED. | |
| Sample Analysis | CCA + CCR | Sample Time | 09:13 | |
| Water Quality Meter | YSI ProDss | | | |

| Time | Depth to Water (ft) | ph (SU) | Temp (°C) | Spec. Cond (mS/cm). | DO (mg/L) | ORP (mV) | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| 09:01 | 12.62 | 7.85 | 12.1 | 0.895 | 5.62 | 66.9 | 4.27. |
| 09:04 | 12.61 | 7.76 | 12.6 | 0.890 | 3.21 | 87.4 | 4.39 |
| 09:07. | 12.62 | 7.76 | 12.6 | 0.890 | 1.75 | 91.1 | 2.12 |
| 09:10 | 12.62 | 7.76 | 12.6 | 0.889 | 1.13 | 87.2 | 1.92 |
| 09:13 | 12.62 | 7.75 | 12.6 | 0.890 | 1.09 | 86.4 | 2.14 |
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

| PROJECT NAME | NRG – WILL COUNTY STATION (12313.3) | | DATE | 2-18-26 |
|---|---|---|---|---|
| Sample Name | MW-09 | Start Time | 10:21 | |
| Condition of Well | Good | | | |
| Water Level | 12.26 | Total Depth | — | |
| Well Diameter | PVC – 2 inch | Volume in Well | — | |
| Method of Purge | Low-Flow | Purge Characteristics | COLORLESS ODORLESS | |
| Volume Removed | 1.50 QTS. | W L at Sample Time | 12.41 | |
| Method of Sample | Low-Flow | Sample Characteristics | APPEARS CLEAR CCA FILTERED. | |
| Sample Analysis | CCA + CCR + CCR (IN/IS 2S/3S) | Sample Time | 10:36 | |
| Water Quality Meter | YSI ProDss | | | |

| Time | Depth to Water (ft) | ph (SU) | Temp (°C) | Spec. Cond (mS/cm). | DO (mg/L) | ORP (mV) | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| 10:24 | 12.38 | 9.36 | 12.3 | 1.171 | 1.85 | -5.5 | 18.70 |
| 10:27 | 12.45 | 9.31 | 12.6 | 1.172 | 1.92 | 2.1 | 12.48 |
| 10:30 | 12.40 | 9.32 | 12.9 | 1.169 | 1.51 | 3.7 | 10.49 |
| 10:33 | 12.42 | 9.33 | 13.1 | 1.170 | 1.14 | 4.8 | 6.23 |
| 10:36 | 12.41 | 9.34 | 12.9 | 1.171 | 1.17 | 4.9 | 7.32 |
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

| PROJECT NAME | NRG – WILL COUNTY STATION (12313.3) | | DATE | 2-18-26 |
|---|---|---|---|---|
| Sample Name | MW-10 | Start Time | 11:34 | |
| Condition of Well | GOOD | | | |
| Water Level | 10.84 | Total Depth | — | |
| Well Diameter | PVC – 2 inch | Volume in Well | — | |
| Method of Purge | Low-Flow | Purge Characteristics | TAN TINT ODORLESS | HIGH TURB |
| Volume Removed | 3.0 GAL. | W L at Sample Time | 11.21 | |
| Method of Sample | Low-Flow | Sample Characteristics | TAN TINT SLIGHT TURB | CCA FILTERED. |
| Sample Analysis | CCA + CCR + CCA DUP | Sample Time | 11:52 | |
| Water Quality Meter | YSI ProDss | | | |

| Time | Depth to Water (ft) | ph (SU) | Temp (°C) | Spec. Cond (mS/cm). | DO (mg/L) | ORP (mV) | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| 11:37 | 10.98 | 7.43 | 12.2 | 1.347 | 8.85 | 47.0 | 188.04 |
| 11:40 | 11.03 | 7.36 | 12.2 | 1.415 | 5.81 | -29.8 | 169.18 |
| 11:43 | 11.11 | 7.35 | 12.1 | 1.442 | 3.32 | -41.2 | 144.37 |
| 11:46 | 11.14 | 7.35 | 11.8 | 1.446 | 2.09 | -44.1 | 120.32 |
| 11:49 | 11.19 | 7.34 | 11.8 | 1.460 | 1.05 | -52.3 | 86.71 |
| 11:52 | 11.21 | 7.34 | 11.8 | 1.462 | 0.70 | -55.8 | 54.66 |
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

| PROJECT NAME | NRG – WILL COUNTY STATION (12313.3) | | DATE | 2-17-26 |
|---|---|---|---|---|
| Sample Name | MW-11 | Start Time | 12:39 | |
| Condition of Well | GOOD | | | |
| Water Level | 10.79 | Total Depth | — | |
| Well Diameter | PVC – 2 inch | Volume in Well | — | |
| Method of Purge | Low-Flow | Purge Characteristics | TAN TINT → COLORLESS SLIGHT ODORLESS TURB | |
| Volume Removed | 2.75 GTS. | W L at Sample Time | | |
| Method of Sample | Low-Flow | Sample Characteristics | APPEARS CLEAR TRACE TURB | |
| Sample Analysis | CCR | Sample Time | 13:00 | |
| Water Quality Meter | YSI ProDss | | | |

| Time | Depth to Water (ft) | ph (SU) | Temp (°C) | Spec. Cond (mS/cm). | DO (mg/L) | ORP (mV) | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| 12:42 | 10.84 | 7.69 | 11.2 | 1.197 | 4.85 | -68.5 | 79.83 |
| 12:45 | 10.92 | 7.69 | 11.5 | 1.150 | 2.47 | -80.0 | 97.50 |
| 12:48 | 10.96 | 7.70 | 11.5 | 1.137 | 1.74 | -81.9 | 103.69 |
| 12:51 | 10.99 | 7.71 | 11.4 | 1.132 | 1.26 | -84.0 | 88.33 |
| 12:54 | — | 7.69 | 11.9 | 1.133 | 0.93 | -87.9 | 72.39 |
| 12:57 | 11.05 | 7.68 | 11.8 | 1.136 | 0.53 | -93.3 | 64.77 |
| 13:00 | 10.94 | 7.63 | 11.8 | 1.140 | 0.39 | -93.3 | 51.63 |
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates

| PROJECT NAME | NRG – WILL COUNTY STATION (12313.3) | | DATE | 2-17-26 |
|---|---|---|---|---|
| Sample Name | MW-12 | Start Time | 10:53 | |
| Condition of Well | Good | | | |
| Water Level | 10.63 | Total Depth | — | |
| Well Diameter | PVC – 2 inch | Volume in Well | — | |
| Method of Purge | Low-Flow | Purge Characteristics | COLORLESS ODORLESS | |
| Volume Removed | 2.5 QTS | W L at Sample Time | 10.64 | |
| Method of Sample | Low-Flow | Sample Characteristics | APPEARS CLEAR | |
| Sample Analysis | CCR | Sample Time | 11:14 | |
| Water Quality Meter | YSI ProDss | | | |

| Time | Depth to Water (ft) | ph (SU) | Temp (°C) | Spec. Cond (mS/cm). | DO (mg/L) | ORP (mV) | Turbidity (NTU) |
|---|---|---|---|---|---|---|---|
| 10:56 | 10.65 | 7.53 | 8.0 | 1.467 | 7.01 | -47.4 | 18.80 |
| 10:59 | 10.66 | 7.47 | 9.4 | 1.502 | 3.78 | -20.4 | 16.61 |
| 11:02 | 10.68 | 7.46 | 10.5 | 1.508 | 2.21 | -1.3 | 20.46 |
| 11:05 | 10.67 | 7.45 | 10.9 | 1.521 | 1.78 | +48.7 | 25.92. |
| 11:08 | 10.65 | 7.45 | 10.9 | 1.522 | 1.55 | 63.2 | 27.86 |
| 11:11 | 10.64 | 7.45 | 10.8 | 1.523 | 1.48 | 70.8 | 25.61 |
| 11:14 | 10.64 | 7.45 | 10.8 | 1.521 | 1.39 | 74.5 | 23.73 |
| — | | | | | | | |
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SAMPLING NOTES:

Sampler Name and Company: KPRG and Associates