

## Analytical Sequence

|                                     |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| Client: CDM Smith                   | SDG No.: Q2074                                                  |
| Project: South River WM Replacement | Instrument ID: ECD_D                                            |
| GC Column: ZB-MR1                   | ID: 0.32 (mm)    Inst. Calib. Date(s): 05/19/2025    05/19/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 05/19/2025       | 10:50            | PD088583.D | 9.08        | 3.55        |
| PEM               | PEM              | 05/19/2025       | 11:04            | PD088584.D | 9.08        | 3.55        |
| RESCHK            | RESCHK           | 05/19/2025       | 11:17            | PD088585.D | 9.08        | 3.55        |
| PSTDICC100        | PSTDICC100       | 05/19/2025       | 11:31            | PD088586.D | 9.08        | 3.55        |
| PSTDICC075        | PSTDICC075       | 05/19/2025       | 11:45            | PD088587.D | 9.08        | 3.55        |
| PSTDICC050        | PSTDICC050       | 05/19/2025       | 11:58            | PD088588.D | 9.08        | 3.55        |
| PSTDICC025        | PSTDICC025       | 05/19/2025       | 12:12            | PD088589.D | 9.08        | 3.55        |
| PSTDICC005        | PSTDICC005       | 05/19/2025       | 12:25            | PD088590.D | 9.08        | 3.55        |
| PCHLORICC500      | PCHLORICC500     | 05/19/2025       | 13:06            | PD088593.D | 9.08        | 3.55        |
| PTOXICC500        | PTOXICC500       | 05/19/2025       | 14:14            | PD088598.D | 9.08        | 3.55        |
| IBLK              | IBLK             | 05/20/2025       | 16:30            | PD088656.D | 9.08        | 3.55        |
| PEM               | PEM              | 05/20/2025       | 16:44            | PD088657.D | 9.08        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 05/20/2025       | 16:57            | PD088658.D | 9.08        | 3.55        |
| PB168075BL        | PB168075BL       | 05/20/2025       | 17:11            | PD088659.D | 9.08        | 3.55        |
| PB168075BS        | PB168075BS       | 05/20/2025       | 17:25            | PD088660.D | 9.08        | 3.55        |
| TP-12             | Q2074-01         | 05/20/2025       | 17:38            | PD088661.D | 9.08        | 3.55        |
| TP-7              | Q2074-02         | 05/20/2025       | 17:52            | PD088662.D | 9.08        | 3.55        |
| TP-15             | Q2074-03         | 05/20/2025       | 18:06            | PD088663.D | 9.08        | 3.55        |
| TP-20             | Q2074-04         | 05/20/2025       | 18:19            | PD088664.D | 9.08        | 3.55        |
| TP-20MS           | Q2074-04MS       | 05/20/2025       | 18:33            | PD088665.D | 9.08        | 3.55        |
| TP-20MSD          | Q2074-04MSD      | 05/20/2025       | 18:47            | PD088666.D | 9.08        | 3.55        |
| TP-38             | Q2074-05         | 05/20/2025       | 19:00            | PD088667.D | 9.08        | 3.55        |
| TP-19             | Q2074-06         | 05/20/2025       | 19:14            | PD088668.D | 9.08        | 3.55        |
| TP-40             | Q2074-07         | 05/20/2025       | 19:28            | PD088669.D | 9.08        | 3.55        |
| TP-18             | Q2074-08         | 05/20/2025       | 19:41            | PD088670.D | 9.08        | 3.55        |
| IBLK              | IBLK             | 05/20/2025       | 20:22            | PD088673.D | 9.08        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 05/20/2025       | 20:36            | PD088674.D | 9.08        | 3.55        |

## Analytical Sequence

|                                     |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| Client: CDM Smith                   | SDG No.: Q2074                                                  |
| Project: South River WM Replacement | Instrument ID: ECD_D                                            |
| GC Column: ZB-MR2                   | ID: 0.32 (mm)    Inst. Calib. Date(s): 05/19/2025    05/19/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 05/19/2025       | 10:50            | PD088583.D | 8.08        | 2.88        |
| PEM               | PEM              | 05/19/2025       | 11:04            | PD088584.D | 8.08        | 2.88        |
| RESCHK            | RESCHK           | 05/19/2025       | 11:17            | PD088585.D | 8.08        | 2.88        |
| PSTDICC100        | PSTDICC100       | 05/19/2025       | 11:31            | PD088586.D | 8.08        | 2.88        |
| PSTDICC075        | PSTDICC075       | 05/19/2025       | 11:45            | PD088587.D | 8.08        | 2.88        |
| PSTDICC050        | PSTDICC050       | 05/19/2025       | 11:58            | PD088588.D | 8.08        | 2.88        |
| PSTDICC025        | PSTDICC025       | 05/19/2025       | 12:12            | PD088589.D | 8.08        | 2.88        |
| PSTDICC005        | PSTDICC005       | 05/19/2025       | 12:25            | PD088590.D | 8.08        | 2.88        |
| PCHLORICC500      | PCHLORICC500     | 05/19/2025       | 13:06            | PD088593.D | 8.08        | 2.88        |
| PTOXICC500        | PTOXICC500       | 05/19/2025       | 14:14            | PD088598.D | 8.08        | 2.88        |
| IBLK              | IBLK             | 05/20/2025       | 16:30            | PD088656.D | 8.08        | 2.88        |
| PEM               | PEM              | 05/20/2025       | 16:44            | PD088657.D | 8.07        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 05/20/2025       | 16:57            | PD088658.D | 8.08        | 2.88        |
| PB168075BL        | PB168075BL       | 05/20/2025       | 17:11            | PD088659.D | 8.07        | 2.88        |
| PB168075BS        | PB168075BS       | 05/20/2025       | 17:25            | PD088660.D | 8.08        | 2.88        |
| TP-12             | Q2074-01         | 05/20/2025       | 17:38            | PD088661.D | 8.07        | 2.88        |
| TP-7              | Q2074-02         | 05/20/2025       | 17:52            | PD088662.D | 8.07        | 2.88        |
| TP-15             | Q2074-03         | 05/20/2025       | 18:06            | PD088663.D | 8.07        | 2.88        |
| TP-20             | Q2074-04         | 05/20/2025       | 18:19            | PD088664.D | 8.07        | 2.88        |
| TP-20MS           | Q2074-04MS       | 05/20/2025       | 18:33            | PD088665.D | 8.08        | 2.88        |
| TP-20MSD          | Q2074-04MSD      | 05/20/2025       | 18:47            | PD088666.D | 8.07        | 2.88        |
| TP-38             | Q2074-05         | 05/20/2025       | 19:00            | PD088667.D | 8.08        | 2.88        |
| TP-19             | Q2074-06         | 05/20/2025       | 19:14            | PD088668.D | 8.07        | 2.88        |
| TP-40             | Q2074-07         | 05/20/2025       | 19:28            | PD088669.D | 8.07        | 2.88        |
| TP-18             | Q2074-08         | 05/20/2025       | 19:41            | PD088670.D | 8.07        | 2.88        |
| IBLK              | IBLK             | 05/20/2025       | 20:22            | PD088673.D | 8.08        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 05/20/2025       | 20:36            | PD088674.D | 8.07        | 2.88        |