

## Analytical Sequence

**Client:** CDM Smith

**SDG No.:** Q2514

**Project:** South River WM Replacement

**Instrument ID:** FID\_G

**GC Column:** RXI-1MS      **ID:** 0.18      (mm)

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

| MEAN SUROGATE RT FROM INITIAL CALIBRATION <b>15.0944</b> |                  |                           |            |        |   |
|----------------------------------------------------------|------------------|---------------------------|------------|--------|---|
| CLIENT<br>SAMPLE NO.                                     | LAB<br>SAMPLE ID | DATE AND TIME<br>ANALYZED | DATAFILE   | RT     | # |
| PIBLK01                                                  | LBLK01           | 08 Jul 2025 10:54         | FF016097.D | 15.094 |   |
| 50 PPM TRPH STD                                          | 50 PPM TRPH STD  | 08 Jul 2025 11:55         | FF016098.D | 15.098 |   |
| TP-90                                                    | Q2514-10         | 08 Jul 2025 13:54         | FF016101.D | 15.098 |   |
| PIBLK02                                                  | LBLK02           | 08 Jul 2025 15:54         | FF016105.D | 15.104 |   |
| 50 PPM TRPH STD                                          | 50 PPM TRPH STD  | 08 Jul 2025 16:54         | FF016106.D | 15.106 |   |
| TP-93                                                    | Q2514-02         | 08 Jul 2025 17:54         | FF016107.D | 15.102 |   |
| TP-96                                                    | Q2514-04         | 08 Jul 2025 18:24         | FF016108.D | 15.104 |   |
| TP-103                                                   | Q2514-06         | 08 Jul 2025 18:54         | FF016109.D | 15.101 |   |
| PIBLK03                                                  | LBLK03           | 08 Jul 2025 20:54         | FF016113.D | 15.107 |   |
| 50 PPM TRPH STD                                          | 50 PPM TRPH STD  | 08 Jul 2025 21:53         | FF016114.D | 15.109 |   |
| PIBLK04                                                  | LBLK04           | 08 Jul 2025 13:54         | FG016244.D | 15.203 |   |
| 50 PPM TRPH STD                                          | 50 PPM TRPH STD  | 08 Jul 2025 14:24         | FG016245.D | 15.205 |   |
| PB168751BL                                               | PB168751BL       | 08 Jul 2025 15:24         | FG016247.D | 15.201 |   |
| G4(6-12)MS                                               | Q2487-10MS       | 08 Jul 2025 16:54         | FG016249.D | 15.201 |   |
| G4(6-12)MSD                                              | Q2487-10MSD      | 08 Jul 2025 17:24         | FG016250.D | 15.202 |   |
| PIBLK05                                                  | LBLK05           | 08 Jul 2025 18:24         | FG016252.D | 15.201 |   |
| 50 PPM TRPH STD                                          | 50 PPM TRPH STD  | 08 Jul 2025 18:54         | FG016253.D | 15.205 |   |
| TP-92                                                    | Q2514-01         | 08 Jul 2025 19:54         | FG016254.D | 15.201 |   |
| TP-94                                                    | Q2514-03         | 08 Jul 2025 20:23         | FG016255.D | 15.200 |   |
| TP-97                                                    | Q2514-05         | 08 Jul 2025 20:54         | FG016256.D | 15.200 |   |
| TP-36                                                    | Q2514-07         | 08 Jul 2025 21:23         | FG016257.D | 15.200 |   |
| TP-78                                                    | Q2514-08         | 08 Jul 2025 21:53         | FG016258.D | 15.199 |   |
| TP-81                                                    | Q2514-09         | 08 Jul 2025 22:23         | FG016259.D | 15.198 |   |
| PIBLK06                                                  | LBLK06           | 08 Jul 2025 22:52         | FG016260.D | 15.200 |   |
| 50 PPM TRPH STD                                          | 50 PPM TRPH STD  | 08 Jul 2025 23:52         | FG016261.D | 15.202 |   |
| PIBLK07                                                  | LBLK07           | 10 Jul 2025 19:11         | FG016282.D | 15.206 |   |
| 50 PPM TRPH STD                                          | 50 PPM TRPH STD  | 10 Jul 2025 19:41         | FG016283.D | 15.209 |   |
| PB168751BS                                               | PB168751BS       | 10 Jul 2025 21:11         | FG016285.D | 15.204 |   |
| PIBLK08                                                  | LBLK08           | 10 Jul 2025 21:41         | FG016286.D | 15.205 |   |
| 50 PPM TRPH STD                                          | 50 PPM TRPH STD  | 10 Jul 2025 22:10         | FG016287.D | 15.208 |   |