

Analytical Sequence

Client: CDM Smith

SDG No.: Q1982

Project: South River WM Replacement

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/18/2025

04/18/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/18/2025	13:15	PD088121.D	9.07	3.55
PEM	PEM	04/18/2025	13:29	PD088122.D	9.08	3.55
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	9.08	3.55
PSTDICCC100	PSTDICCC100	04/18/2025	13:56	PD088124.D	9.08	3.55
PSTDICCC075	PSTDICCC075	04/18/2025	14:10	PD088125.D	9.07	3.55
PSTDICCC050	PSTDICCC050	04/18/2025	14:24	PD088126.D	9.08	3.55
PSTDICCC025	PSTDICCC025	04/18/2025	14:37	PD088127.D	9.08	3.55
PSTDICCC005	PSTDICCC005	04/18/2025	14:51	PD088128.D	9.08	3.55
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	9.07	3.55
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	9.07	3.55
IBLK	IBLK	05/12/2025	12:44	PD088462.D	9.07	3.55
PEM	PEM	05/12/2025	12:58	PD088463.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/12/2025	13:42	PD088464.D	9.08	3.56
PB167950BL	PB167950BL	05/12/2025	15:16	PD088465.D	9.08	3.56
PB167950BS	PB167950BS	05/12/2025	15:30	PD088466.D	9.08	3.55
IBLK	IBLK	05/12/2025	17:19	PD088474.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/12/2025	17:32	PD088475.D	9.07	3.55
IBLK	IBLK	05/12/2025	19:08	PD088482.D	9.07	3.55
PEM	PEM	05/12/2025	19:22	PD088483.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/12/2025	19:35	PD088484.D	9.07	3.55
TP-1MS	Q1982-01MS	05/12/2025	20:03	PD088486.D	9.07	3.55
TP-1MSD	Q1982-01MSD	05/12/2025	20:16	PD088487.D	9.07	3.55
TP-3	Q1982-03	05/12/2025	20:44	PD088489.D	9.07	3.55
TP-6	Q1982-06	05/12/2025	21:25	PD088492.D	9.07	3.55
IBLK	IBLK	05/12/2025	21:52	PD088494.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/13/2025	02:17	PD088495.D	9.07	3.55
IBLK	IBLK	05/13/2025	09:28	PD088497.D	9.07	3.55
PEM	PEM	05/13/2025	09:41	PD088498.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/13/2025	09:55	PD088499.D	9.07	3.55
TP-1	Q1982-01	05/13/2025	10:22	PD088501.D	9.07	3.55
TP-2B	Q1982-02	05/13/2025	10:35	PD088502.D	9.07	3.55
TP-4	Q1982-04	05/13/2025	10:49	PD088503.D	9.07	3.55
TP-5	Q1982-05	05/13/2025	11:02	PD088504.D	9.07	3.55
TP-8	Q1982-07	05/13/2025	11:16	PD088505.D	9.07	3.55
IBLK	IBLK	05/13/2025	13:18	PD088514.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/13/2025	14:22	PD088515.D	9.08	3.56
IBLK	IBLK	05/13/2025	16:35	PD088523.D	9.08	3.56
PSTDCCC050	PSTDCCC050	05/13/2025	16:48	PD088524.D	9.07	3.55
PB167959BL	PB167959BL	05/13/2025	17:02	PD088525.D	9.07	3.55
PB167959BS	PB167959BS	05/13/2025	17:15	PD088526.D	9.07	3.55
TP-9	Q1982-08	05/13/2025	17:29	PD088527.D	9.07	3.55
IBLK	IBLK	05/13/2025	19:18	PD088535.D	9.07	3.55

Analytical Sequence

PSTDCCC050	PSTDCCC050	05/13/2025	19:46	PD088537.D	9.07	3.55
LBLK	LBLK	05/15/2025	08:47	PD088551.D	9.08	3.55
PEM	PEM	05/15/2025	09:18	PD088552.D	9.08	3.56
PSTDCCC050	PSTDCCC050	05/15/2025	09:32	PD088553.D	9.08	3.55
OU4-PCS-TC-33-050725MS	Q1984-01MS	05/15/2025	12:52	PD088559.D	9.08	3.55
OU4-PCS-TC-33-050725MSD	Q1984-01MSD	05/15/2025	13:05	PD088560.D	9.08	3.55
LBLK	LBLK	05/15/2025	14:14	PD088565.D	9.08	3.55
PSTDCCC050	PSTDCCC050	05/15/2025	15:11	PD088566.D	9.08	3.56

Analytical Sequence

Client: CDM Smith

SDG No.: Q1982

Project: South River WM Replacement

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/18/2025 04/18/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/18/2025	13:15	PD088121.D	8.08	2.88
PEM	PEM	04/18/2025	13:29	PD088122.D	8.08	2.88
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	8.08	2.88
PSTDICCC100	PSTDICCC100	04/18/2025	13:56	PD088124.D	8.09	2.90
PSTDICCC075	PSTDICCC075	04/18/2025	14:10	PD088125.D	8.08	2.88
PSTDICCC050	PSTDICCC050	04/18/2025	14:24	PD088126.D	8.08	2.88
PSTDICCC025	PSTDICCC025	04/18/2025	14:37	PD088127.D	8.08	2.88
PSTDICCC005	PSTDICCC005	04/18/2025	14:51	PD088128.D	8.08	2.88
PCHLORICCC500	PCHLORICCC500	04/18/2025	15:32	PD088131.D	8.08	2.88
PTOXICCC500	PTOXICCC500	04/18/2025	16:40	PD088136.D	8.08	2.88
IBLK	IBLK	05/12/2025	12:44	PD088462.D	8.07	2.88
PEM	PEM	05/12/2025	12:58	PD088463.D	8.07	2.88
PSTDCCC050	PSTDCCC050	05/12/2025	13:42	PD088464.D	8.08	2.88
PB167950BL	PB167950BL	05/12/2025	15:16	PD088465.D	8.08	2.88
PB167950BS	PB167950BS	05/12/2025	15:30	PD088466.D	8.07	2.88
IBLK	IBLK	05/12/2025	17:19	PD088474.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/12/2025	17:32	PD088475.D	8.08	2.88
IBLK	IBLK	05/12/2025	19:08	PD088482.D	8.08	2.88
PEM	PEM	05/12/2025	19:22	PD088483.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/12/2025	19:35	PD088484.D	8.07	2.88
TP-1MS	Q1982-01MS	05/12/2025	20:03	PD088486.D	8.07	2.88
TP-1MSD	Q1982-01MSD	05/12/2025	20:16	PD088487.D	8.08	2.88
TP-3	Q1982-03	05/12/2025	20:44	PD088489.D	8.08	2.88
TP-6	Q1982-06	05/12/2025	21:25	PD088492.D	8.07	2.88
IBLK	IBLK	05/12/2025	21:52	PD088494.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	02:17	PD088495.D	8.08	2.88
IBLK	IBLK	05/13/2025	09:28	PD088497.D	8.07	2.88
PEM	PEM	05/13/2025	09:41	PD088498.D	8.07	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	09:55	PD088499.D	8.08	2.88
TP-1	Q1982-01	05/13/2025	10:22	PD088501.D	8.08	2.88
TP-2B	Q1982-02	05/13/2025	10:35	PD088502.D	8.07	2.88
TP-4	Q1982-04	05/13/2025	10:49	PD088503.D	8.07	2.88
TP-5	Q1982-05	05/13/2025	11:02	PD088504.D	8.07	2.88
TP-8	Q1982-07	05/13/2025	11:16	PD088505.D	8.07	2.88
IBLK	IBLK	05/13/2025	13:18	PD088514.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	14:22	PD088515.D	8.08	2.88
IBLK	IBLK	05/13/2025	16:35	PD088523.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/13/2025	16:48	PD088524.D	8.07	2.88
PB167959BL	PB167959BL	05/13/2025	17:02	PD088525.D	8.07	2.88
PB167959BS	PB167959BS	05/13/2025	17:15	PD088526.D	8.07	2.88
TP-9	Q1982-08	05/13/2025	17:29	PD088527.D	8.07	2.88
IBLK	IBLK	05/13/2025	19:18	PD088535.D	8.07	2.88

Analytical Sequence

PSTDCCC050	PSTDCCC050	05/13/2025	19:46	PD088537.D	8.07	2.88
LBLK	LBLK	05/15/2025	08:47	PD088551.D	8.08	2.88
PEM	PEM	05/15/2025	09:18	PD088552.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/15/2025	09:32	PD088553.D	8.08	2.88
OU4-PCS-TC-33-050725MS	Q1984-01MS	05/15/2025	12:52	PD088559.D	8.08	2.88
OU4-PCS-TC-33-050725MSD	Q1984-01MSD	05/15/2025	13:05	PD088560.D	8.07	2.88
LBLK	LBLK	05/15/2025	14:14	PD088565.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/15/2025	15:11	PD088566.D	8.08	2.88