

Analytical Sequence

Client: CDM Smith

SDG No.: Q2436

Project: South River WM Replacement

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 06/17/2025 06/17/2025

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	06/17/2025	09:47	PP072990.D	10.19	4.49
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	10.19	4.49
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	10.19	4.49
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	10.19	4.49
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	10.19	4.49
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	10.19	4.50
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	10.18	4.49
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	10.19	4.50
AR1242ICC1000	AR1242ICC1000	06/17/2025	14:27	PP072998.D	10.19	4.49
AR1242ICC750	AR1242ICC750	06/17/2025	14:43	PP072999.D	10.19	4.49
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	10.19	4.49
AR1242ICC250	AR1242ICC250	06/17/2025	15:16	PP073001.D	10.19	4.49
AR1242ICC050	AR1242ICC050	06/17/2025	15:32	PP073002.D	10.18	4.49
AR1248ICC1000	AR1248ICC1000	06/17/2025	15:49	PP073003.D	10.19	4.49
AR1248ICC750	AR1248ICC750	06/17/2025	16:21	PP073004.D	10.19	4.49
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	10.19	4.49
AR1248ICC250	AR1248ICC250	06/17/2025	16:54	PP073006.D	10.19	4.49
AR1248ICC050	AR1248ICC050	06/17/2025	17:10	PP073007.D	10.18	4.49
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	10.19	4.49
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	10.19	4.49
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	10.19	4.49
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	10.19	4.49
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	10.19	4.49
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	10.19	4.49
AR1268ICC1000	AR1268ICC1000	06/17/2025	19:04	PP073014.D	10.19	4.49
AR1268ICC750	AR1268ICC750	06/17/2025	19:21	PP073015.D	10.18	4.49
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	10.18	4.49
AR1268ICC250	AR1268ICC250	06/17/2025	19:53	PP073017.D	10.19	4.50
AR1268ICC050	AR1268ICC050	06/17/2025	20:10	PP073018.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/27/2025	09:13	PP073315.D	10.18	4.49
IBLK	IBLK	06/27/2025	10:35	PP073320.D	10.18	4.49
PB168636BL	PB168636BL	06/27/2025	14:20	PP073323.D	10.18	4.49
PB168636BS	PB168636BS	06/27/2025	14:36	PP073324.D	10.18	4.49
MH-E/FMS	Q2430-01MS	06/27/2025	15:25	PP073327.D	10.18	4.49
MH-E/FMSD	Q2430-01MSD	06/27/2025	15:41	PP073328.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/27/2025	16:46	PP073329.D	10.18	4.49
IBLK	IBLK	06/27/2025	18:24	PP073334.D	10.17	4.49
TP-70	Q2436-01	06/27/2025	18:41	PP073335.D	10.18	4.49
TP-69	Q2436-02	06/27/2025	18:57	PP073336.D	10.18	4.49
TP-85	Q2436-03	06/27/2025	19:13	PP073337.D	10.18	4.49
TP-86	Q2436-04	06/27/2025	19:29	PP073338.D	10.17	4.49
TP-84	Q2436-05	06/27/2025	19:46	PP073339.D	10.18	4.49

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TP-83	Q2436-06	06/27/2025	20:02	PP073340.D	10.17	4.49
TP-87	Q2436-07	06/27/2025	20:18	PP073341.D	10.17	4.49
TP-100	Q2436-08	06/27/2025	20:35	PP073342.D	10.17	4.49
TP-99	Q2436-09	06/27/2025	20:51	PP073343.D	10.18	4.49
TP-82	Q2436-10	06/27/2025	21:07	PP073344.D	10.17	4.49
AR1660CCC500	AR1660CCC500	06/27/2025	22:13	PP073345.D	10.17	4.49
LBLK	LBLK	06/27/2025	23:51	PP073350.D	10.18	4.49

Analytical Sequence

Client: CDM Smith	SDG No.: Q2436
Project: South River WM Replacement	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 06/17/2025 06/17/2025

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	06/17/2025	09:47	PP072990.D	8.80	3.79
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	8.80	3.79
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	8.80	3.79
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	8.80	3.79
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	8.80	3.79
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	8.80	3.79
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	8.80	3.79
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	8.80	3.79
AR1242ICC1000	AR1242ICC1000	06/17/2025	14:27	PP072998.D	8.80	3.79
AR1242ICC750	AR1242ICC750	06/17/2025	14:43	PP072999.D	8.80	3.79
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	8.80	3.79
AR1242ICC250	AR1242ICC250	06/17/2025	15:16	PP073001.D	8.80	3.79
AR1242ICC050	AR1242ICC050	06/17/2025	15:32	PP073002.D	8.80	3.79
AR1248ICC1000	AR1248ICC1000	06/17/2025	15:49	PP073003.D	8.80	3.79
AR1248ICC750	AR1248ICC750	06/17/2025	16:21	PP073004.D	8.80	3.79
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	8.80	3.79
AR1248ICC250	AR1248ICC250	06/17/2025	16:54	PP073006.D	8.80	3.79
AR1248ICC050	AR1248ICC050	06/17/2025	17:10	PP073007.D	8.80	3.79
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	8.80	3.79
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	8.80	3.79
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	8.80	3.79
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	8.80	3.79
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	8.80	3.79
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	8.80	3.79
AR1268ICC1000	AR1268ICC1000	06/17/2025	19:04	PP073014.D	8.80	3.79
AR1268ICC750	AR1268ICC750	06/17/2025	19:21	PP073015.D	8.80	3.79
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	8.80	3.79
AR1268ICC250	AR1268ICC250	06/17/2025	19:53	PP073017.D	8.80	3.79
AR1268ICC050	AR1268ICC050	06/17/2025	20:10	PP073018.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/27/2025	09:13	PP073315.D	8.79	3.78
IBLK	IBLK	06/27/2025	10:35	PP073320.D	8.79	3.78
PB168636BL	PB168636BL	06/27/2025	14:20	PP073323.D	8.79	3.78
PB168636BS	PB168636BS	06/27/2025	14:36	PP073324.D	8.79	3.78
MH-E/FMS	Q2430-01MS	06/27/2025	15:25	PP073327.D	8.79	3.78
MH-E/FMSD	Q2430-01MSD	06/27/2025	15:41	PP073328.D	8.79	3.78
AR1660CCC500	AR1660CCC500	06/27/2025	16:46	PP073329.D	8.79	3.78
IBLK	IBLK	06/27/2025	18:24	PP073334.D	8.79	3.78
TP-70	Q2436-01	06/27/2025	18:41	PP073335.D	8.79	3.78
TP-69	Q2436-02	06/27/2025	18:57	PP073336.D	8.79	3.78
TP-85	Q2436-03	06/27/2025	19:13	PP073337.D	8.79	3.78
TP-86	Q2436-04	06/27/2025	19:29	PP073338.D	8.79	3.78
TP-84	Q2436-05	06/27/2025	19:46	PP073339.D	8.79	3.78

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TP-83	Q2436-06	06/27/2025	20:02	PP073340.D	8.79	3.78
TP-87	Q2436-07	06/27/2025	20:18	PP073341.D	8.79	3.78
TP-100	Q2436-08	06/27/2025	20:35	PP073342.D	8.79	3.78
TP-99	Q2436-09	06/27/2025	20:51	PP073343.D	8.79	3.78
TP-82	Q2436-10	06/27/2025	21:07	PP073344.D	8.79	3.78
AR1660CCC500	AR1660CCC500	06/27/2025	22:13	PP073345.D	8.79	3.78
LBLK	LBLK	06/27/2025	23:51	PP073350.D	8.79	3.78