

Analytical Sequence

Client: CDM Smith

SDG No.: Q2074

Project: South River WM Replacement

Instrument ID: ECD_P

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 SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	05/19/2025	09:26	PP072163.D	10.21	4.50
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	10.21	4.50
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	10.21	4.50
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	10.21	4.50
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	10.21	4.50
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	10.21	4.50
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	10.21	4.50
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	10.21	4.50
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	10.22	4.50
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	10.21	4.50
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	10.22	4.50
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	10.21	4.50
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	10.22	4.50
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	10.22	4.50
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	10.22	4.51
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	10.21	4.50
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	10.22	4.50
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	10.22	4.51
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	10.21	4.50
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	10.22	4.50
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	10.22	4.50
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	10.21	4.50
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	10.22	4.50
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	10.22	4.50
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	10.22	4.50
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	10.22	4.50
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	10.22	4.50
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	10.22	4.50
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	10.22	4.50
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	10.22	4.51
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	10.22	4.50
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	10.21	4.50
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	10.22	4.50
AR1660CCC500	AR1660CCC500	05/20/2025	09:51	PP072203.D	10.21	4.50
IBLK	IBLK	05/20/2025	10:56	PP072207.D	10.21	4.50
PB168074BL	PB168074BL	05/20/2025	13:49	PP072208.D	10.21	4.50
PB168074BS	PB168074BS	05/20/2025	14:06	PP072209.D	10.21	4.50
TP-12	Q2074-01	05/20/2025	14:22	PP072210.D	10.21	4.50
TP-7	Q2074-02	05/20/2025	14:38	PP072211.D	10.21	4.50
TP-15	Q2074-03	05/20/2025	14:55	PP072212.D	10.21	4.50
TP-20	Q2074-04	05/20/2025	15:11	PP072213.D	10.21	4.50
TP-38	Q2074-05	05/20/2025	15:27	PP072214.D	10.21	4.50

Analytical Sequence

TP-19	Q2074-06	05/20/2025	15:44	PP072215.D	10.21	4.50
TP-40	Q2074-07	05/20/2025	16:00	PP072216.D	10.21	4.50
TP-18	Q2074-08	05/20/2025	16:16	PP072217.D	10.22	4.51
AR1660CCC500	AR1660CCC500	05/20/2025	17:22	PP072218.D	10.21	4.50
I.BLK	I.BLK	05/20/2025	18:44	PP072222.D	10.22	4.51
PL-HRH-COMP-01MS	Q2080-01MS	05/20/2025	19:16	PP072224.D	10.21	4.50
PL-HRH-COMP-01MSD	Q2080-01MSD	05/20/2025	19:32	PP072225.D	10.21	4.50
AR1660CCC500	AR1660CCC500	05/20/2025	22:48	PP072233.D	10.21	4.50
I.BLK	I.BLK	05/21/2025	00:26	PP072237.D	10.21	4.50

Analytical Sequence

Client: CDM Smith

SDG No.: Q2074

Project: South River WM Replacement

Instrument ID: ECD_P

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 SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
LBLK	LBLK	05/19/2025	09:26	PP072163.D	8.82	3.79
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	8.82	3.79
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	8.82	3.79
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	8.82	3.79
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	8.82	3.79
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	8.82	3.79
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	8.82	3.79
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	8.82	3.80
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	8.82	3.80
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	8.82	3.80
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	8.82	3.80
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	8.83	3.80
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	8.83	3.80
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	8.83	3.80
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	8.83	3.80
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	8.83	3.80
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	8.83	3.80
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	8.83	3.80
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	8.83	3.80
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	8.83	3.80
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	8.83	3.80
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	8.83	3.80
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	8.83	3.80
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	8.83	3.80
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	8.83	3.80
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	8.83	3.80
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	8.83	3.80
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	8.82	3.80
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	8.82	3.80
AR1660CCC500	AR1660CCC500	05/20/2025	09:51	PP072203.D	8.82	3.80
LBLK	LBLK	05/20/2025	10:56	PP072207.D	8.82	3.80
PB168074BL	PB168074BL	05/20/2025	13:49	PP072208.D	8.82	3.80
PB168074BS	PB168074BS	05/20/2025	14:06	PP072209.D	8.82	3.80
TP-12	Q2074-01	05/20/2025	14:22	PP072210.D	8.82	3.80
TP-7	Q2074-02	05/20/2025	14:38	PP072211.D	8.82	3.80
TP-15	Q2074-03	05/20/2025	14:55	PP072212.D	8.82	3.80
TP-20	Q2074-04	05/20/2025	15:11	PP072213.D	8.82	3.80
TP-38	Q2074-05	05/20/2025	15:27	PP072214.D	8.82	3.80

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TP-40	Q2074-07	05/20/2025	16:00	PP072216.D	8.82	3.80
TP-18	Q2074-08	05/20/2025	16:16	PP072217.D	8.82	3.80
AR1660CCC500	AR1660CCC500	05/20/2025	17:22	PP072218.D	8.82	3.80
I.BLK	I.BLK	05/20/2025	18:44	PP072222.D	8.82	3.80
PL-HRH-COMP-01MS	Q2080-01MS	05/20/2025	19:16	PP072224.D	8.82	3.80
PL-HRH-COMP-01MSD	Q2080-01MSD	05/20/2025	19:32	PP072225.D	8.82	3.80
AR1660CCC500	AR1660CCC500	05/20/2025	22:48	PP072233.D	8.82	3.80
I.BLK	I.BLK	05/21/2025	00:26	PP072237.D	8.82	3.80