

Analytical Sequence

Client: CDM Smith

SDG No.: Q2150

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	05/30/2025	10:21	PP072461.D	10.21	4.50
IBLK	IBLK	05/30/2025	11:29	PP072465.D	10.21	4.50
PB168208BL	PB168208BL	05/30/2025	12:59	PP072466.D	10.21	4.51
PB168208BS	PB168208BS	05/30/2025	13:15	PP072467.D	10.21	4.50
TP-44	Q2150-01	05/30/2025	13:32	PP072468.D	10.21	4.50
TP-42	Q2150-02	05/30/2025	13:48	PP072469.D	10.21	4.50
TP-42MS	Q2150-02MS	05/30/2025	14:04	PP072470.D	10.21	4.50
TP-42MSD	Q2150-02MSD	05/30/2025	14:20	PP072471.D	10.21	4.50
TP-39	Q2150-03	05/30/2025	14:37	PP072472.D	10.21	4.50

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TP-48	Q2150-04	05/30/2025	14:53	PP072473.D	10.21	4.50
TP-47	Q2150-05	05/30/2025	15:10	PP072474.D	10.21	4.50
TP-50	Q2150-06	05/30/2025	15:26	PP072475.D	10.21	4.50
AR1660CCC500	AR1660CCC500	05/30/2025	16:15	PP072476.D	10.21	4.50
LBLK	LBLK	05/30/2025	17:20	PP072480.D	10.21	4.50
TP-51	Q2150-07	05/30/2025	17:37	PP072481.D	10.21	4.50
TP-52	Q2150-08	05/30/2025	17:53	PP072482.D	10.21	4.50
TP-54	Q2150-09	05/30/2025	18:09	PP072483.D	10.21	4.50
TP-53	Q2150-10	05/30/2025	18:26	PP072484.D	10.21	4.50
AR1660CCC500	AR1660CCC500	05/30/2025	21:09	PP072491.D	10.21	4.50
LBLK	LBLK	05/30/2025	22:31	PP072495.D	10.21	4.50

Analytical Sequence

Client: CDM Smith

SDG No.: Q2150

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	05/30/2025	10:21	PP072461.D	8.82	3.80
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PB168208BL	PB168208BL	05/30/2025	12:59	PP072466.D	8.82	3.80
PB168208BS	PB168208BS	05/30/2025	13:15	PP072467.D	8.82	3.80
TP-44	Q2150-01	05/30/2025	13:32	PP072468.D	8.82	3.80
TP-42	Q2150-02	05/30/2025	13:48	PP072469.D	8.82	3.80
TP-42MS	Q2150-02MS	05/30/2025	14:04	PP072470.D	8.82	3.80
TP-42MSD	Q2150-02MSD	05/30/2025	14:20	PP072471.D	8.82	3.80
TP-39	Q2150-03	05/30/2025	14:37	PP072472.D	8.82	3.80

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TP-48	Q2150-04	05/30/2025	14:53	PP072473.D	8.82	3.80
TP-47	Q2150-05	05/30/2025	15:10	PP072474.D	8.82	3.80
TP-50	Q2150-06	05/30/2025	15:26	PP072475.D	8.82	3.80
AR1660CCC500	AR1660CCC500	05/30/2025	16:15	PP072476.D	8.82	3.80
LBLK	LBLK	05/30/2025	17:20	PP072480.D	8.82	3.80
TP-51	Q2150-07	05/30/2025	17:37	PP072481.D	8.82	3.80
TP-52	Q2150-08	05/30/2025	17:53	PP072482.D	8.82	3.80
TP-54	Q2150-09	05/30/2025	18:09	PP072483.D	8.82	3.80
TP-53	Q2150-10	05/30/2025	18:26	PP072484.D	8.82	3.80
AR1660CCC500	AR1660CCC500	05/30/2025	21:09	PP072491.D	8.82	3.80
LBLK	LBLK	05/30/2025	22:31	PP072495.D	8.82	3.80