

Analytical Sequence

Client: CDM Smith

SDG No.: Q2514

Project: South River WM Replacement

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 06/11/2025

06/11/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/11/2025	10:21	PO111586.D	8.71	3.68
AR1660ICC1000	AR1660ICC1000	06/11/2025	10:40	PO111587.D	8.71	3.68
AR1660ICC750	AR1660ICC750	06/11/2025	10:58	PO111588.D	8.71	3.68
AR1660ICC500	AR1660ICC500	06/11/2025	11:17	PO111589.D	8.71	3.68
AR1660ICC250	AR1660ICC250	06/11/2025	11:35	PO111590.D	8.71	3.68
AR1660ICC050	AR1660ICC050	06/11/2025	11:53	PO111591.D	8.71	3.68
AR1221ICC500	AR1221ICC500	06/11/2025	12:12	PO111592.D	8.71	3.68
AR1232ICC500	AR1232ICC500	06/11/2025	12:30	PO111593.D	8.71	3.68
AR1242ICC1000	AR1242ICC1000	06/11/2025	12:48	PO111594.D	8.71	3.68
AR1242ICC750	AR1242ICC750	06/11/2025	13:07	PO111595.D	8.71	3.68
AR1242ICC500	AR1242ICC500	06/11/2025	13:25	PO111596.D	8.71	3.68
AR1242ICC250	AR1242ICC250	06/11/2025	13:44	PO111597.D	8.71	3.68
AR1242ICC050	AR1242ICC050	06/11/2025	14:02	PO111598.D	8.71	3.68
AR1248ICC1000	AR1248ICC1000	06/11/2025	14:20	PO111599.D	8.71	3.68
AR1248ICC750	AR1248ICC750	06/11/2025	14:39	PO111600.D	8.71	3.68
AR1248ICC500	AR1248ICC500	06/11/2025	15:14	PO111601.D	8.71	3.68
AR1248ICC250	AR1248ICC250	06/11/2025	15:32	PO111602.D	8.71	3.68
AR1248ICC050	AR1248ICC050	06/11/2025	15:49	PO111603.D	8.71	3.68
AR1254ICC1000	AR1254ICC1000	06/11/2025	16:06	PO111604.D	8.71	3.68
AR1254ICC750	AR1254ICC750	06/11/2025	16:25	PO111605.D	8.71	3.68
AR1254ICC500	AR1254ICC500	06/11/2025	16:43	PO111606.D	8.71	3.68
AR1254ICC250	AR1254ICC250	06/11/2025	17:00	PO111607.D	8.71	3.68
AR1254ICC050	AR1254ICC050	06/11/2025	17:18	PO111608.D	8.71	3.68
AR1262ICC500	AR1262ICC500	06/11/2025	17:36	PO111609.D	8.71	3.68
AR1268ICC1000	AR1268ICC1000	06/11/2025	17:55	PO111610.D	8.71	3.68
AR1268ICC750	AR1268ICC750	06/11/2025	18:13	PO111611.D	8.71	3.68
AR1268ICC500	AR1268ICC500	06/11/2025	18:31	PO111612.D	8.71	3.68
AR1268ICC250	AR1268ICC250	06/11/2025	18:50	PO111613.D	8.71	3.68
AR1268ICC050	AR1268ICC050	06/11/2025	19:07	PO111614.D	8.71	3.68
AR1660CCC500	AR1660CCC500	07/07/2025	20:15	PO112052.D	8.70	3.68
IBLK	IBLK	07/07/2025	21:44	PO112056.D	8.71	3.67
PB168735BL	PB168735BL	07/07/2025	22:01	PO112057.D	8.70	3.67
PB168735BS	PB168735BS	07/07/2025	22:20	PO112058.D	8.70	3.67
HR-3-070325MS	Q2513-03MS	07/07/2025	23:52	PO112063.D	8.70	3.67
HR-3-070325MSD	Q2513-03MSD	07/08/2025	00:10	PO112064.D	8.71	3.67
TP-92	Q2514-01	07/08/2025	00:29	PO112065.D	8.71	3.67
TP-93	Q2514-02	07/08/2025	00:46	PO112066.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/08/2025	03:54	PO112067.D	8.70	3.68
IBLK	IBLK	07/08/2025	05:26	PO112072.D	8.71	3.67
TP-94	Q2514-03	07/08/2025	05:44	PO112073.D	8.70	3.67
TP-96	Q2514-04	07/08/2025	06:02	PO112074.D	8.70	3.68
TP-97	Q2514-05	07/08/2025	06:21	PO112075.D	8.71	3.68

Analytical Sequence

TP-103	Q2514-06	07/08/2025	06:39	PO112076.D	8.70	3.67
TP-36	Q2514-07	07/08/2025	06:58	PO112077.D	8.70	3.67
TP-78	Q2514-08	07/08/2025	07:16	PO112078.D	8.70	3.67
TP-81	Q2514-09	07/08/2025	07:35	PO112079.D	8.70	3.67
TP-90	Q2514-10	07/08/2025	07:53	PO112080.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/08/2025	10:09	PO112083.D	8.71	3.68
LBLK	LBLK	07/08/2025	11:26	PO112085.D	8.71	3.68

Analytical Sequence

Client: CDM Smith

SDG No.: Q2514

Project: South River WM Replacement

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 06/11/2025

06/11/2025

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

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AR1660ICC750	AR1660ICC750	06/11/2025	10:58	PO111588.D	8.66	3.67
AR1660ICC500	AR1660ICC500	06/11/2025	11:17	PO111589.D	8.66	3.67
AR1660ICC250	AR1660ICC250	06/11/2025	11:35	PO111590.D	8.66	3.67
AR1660ICC050	AR1660ICC050	06/11/2025	11:53	PO111591.D	8.66	3.67
AR1221ICC500	AR1221ICC500	06/11/2025	12:12	PO111592.D	8.66	3.67
AR1232ICC500	AR1232ICC500	06/11/2025	12:30	PO111593.D	8.66	3.67
AR1242ICC1000	AR1242ICC1000	06/11/2025	12:48	PO111594.D	8.66	3.67
AR1242ICC750	AR1242ICC750	06/11/2025	13:07	PO111595.D	8.66	3.67
AR1242ICC500	AR1242ICC500	06/11/2025	13:25	PO111596.D	8.66	3.67
AR1242ICC250	AR1242ICC250	06/11/2025	13:44	PO111597.D	8.66	3.67
AR1242ICC050	AR1242ICC050	06/11/2025	14:02	PO111598.D	8.66	3.67
AR1248ICC1000	AR1248ICC1000	06/11/2025	14:20	PO111599.D	8.66	3.67
AR1248ICC750	AR1248ICC750	06/11/2025	14:39	PO111600.D	8.66	3.67
AR1248ICC500	AR1248ICC500	06/11/2025	15:14	PO111601.D	8.66	3.67
AR1248ICC250	AR1248ICC250	06/11/2025	15:32	PO111602.D	8.66	3.67
AR1248ICC050	AR1248ICC050	06/11/2025	15:49	PO111603.D	8.66	3.67
AR1254ICC1000	AR1254ICC1000	06/11/2025	16:06	PO111604.D	8.66	3.67
AR1254ICC750	AR1254ICC750	06/11/2025	16:25	PO111605.D	8.66	3.67
AR1254ICC500	AR1254ICC500	06/11/2025	16:43	PO111606.D	8.66	3.67
AR1254ICC250	AR1254ICC250	06/11/2025	17:00	PO111607.D	8.66	3.67
AR1254ICC050	AR1254ICC050	06/11/2025	17:18	PO111608.D	8.66	3.67
AR1262ICC500	AR1262ICC500	06/11/2025	17:36	PO111609.D	8.66	3.67
AR1268ICC1000	AR1268ICC1000	06/11/2025	17:55	PO111610.D	8.66	3.67
AR1268ICC750	AR1268ICC750	06/11/2025	18:13	PO111611.D	8.66	3.67
AR1268ICC500	AR1268ICC500	06/11/2025	18:31	PO111612.D	8.66	3.67
AR1268ICC250	AR1268ICC250	06/11/2025	18:50	PO111613.D	8.66	3.67
AR1268ICC050	AR1268ICC050	06/11/2025	19:07	PO111614.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/07/2025	20:15	PO112052.D	8.65	3.67
IBLK	IBLK	07/07/2025	21:44	PO112056.D	8.65	3.67
PB168735BL	PB168735BL	07/07/2025	22:01	PO112057.D	8.65	3.67
PB168735BS	PB168735BS	07/07/2025	22:20	PO112058.D	8.65	3.67
HR-3-070325MS	Q2513-03MS	07/07/2025	23:52	PO112063.D	8.65	3.67
HR-3-070325MSD	Q2513-03MSD	07/08/2025	00:10	PO112064.D	8.65	3.67
TP-92	Q2514-01	07/08/2025	00:29	PO112065.D	8.65	3.67
TP-93	Q2514-02	07/08/2025	00:46	PO112066.D	8.65	3.67
AR1660CCC500	AR1660CCC500	07/08/2025	03:54	PO112067.D	8.65	3.67
IBLK	IBLK	07/08/2025	05:26	PO112072.D	8.65	3.67
TP-94	Q2514-03	07/08/2025	05:44	PO112073.D	8.65	3.67
TP-96	Q2514-04	07/08/2025	06:02	PO112074.D	8.65	3.67
TP-97	Q2514-05	07/08/2025	06:21	PO112075.D	8.65	3.67

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TP-78	Q2514-08	07/08/2025	07:16	PO112078.D	8.65	3.67
TP-81	Q2514-09	07/08/2025	07:35	PO112079.D	8.65	3.67
TP-90	Q2514-10	07/08/2025	07:53	PO112080.D	8.65	3.67
AR1660CCC500	AR1660CCC500	07/08/2025	10:09	PO112083.D	8.65	3.67
LBLK	LBLK	07/08/2025	11:26	PO112085.D	8.65	3.67