

Analytical Sequence

Client: Louis Berger U.S., Inc., A WSP Company

SDG No.: O1233

Project: NYCDDC Phase II SCI Arthur Kill Road CE

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 01/17/2023

01/17/2023

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	01/17/2023	18:58	PP054621.D	10.10	4.33
AR1660ICC1000	AR1660ICC1000	01/17/2023	19:14	PP054622.D	10.10	4.33
AR1660ICC750	AR1660ICC750	01/17/2023	19:31	PP054623.D	10.10	4.33
AR1660ICC500	AR1660ICC500	01/17/2023	19:47	PP054624.D	10.09	4.33
AR1660ICC250	AR1660ICC250	01/17/2023	20:04	PP054625.D	10.10	4.33
AR1660ICC050	AR1660ICC050	01/17/2023	20:20	PP054626.D	10.10	4.33
AR1221ICC500	AR1221ICC500	01/17/2023	20:37	PP054627.D	10.10	4.33
AR1232ICC500	AR1232ICC500	01/17/2023	20:53	PP054628.D	10.10	4.33
AR1242ICC1000	AR1242ICC1000	01/17/2023	21:10	PP054629.D	10.10	4.33
AR1242ICC750	AR1242ICC750	01/17/2023	21:26	PP054630.D	10.10	4.33
AR1242ICC500	AR1242ICC500	01/17/2023	21:43	PP054631.D	10.10	4.33
AR1242ICC250	AR1242ICC250	01/17/2023	21:59	PP054632.D	10.10	4.33
AR1242ICC050	AR1242ICC050	01/17/2023	22:15	PP054633.D	10.10	4.33
AR1248ICC1000	AR1248ICC1000	01/17/2023	22:32	PP054634.D	10.10	4.33
AR1248ICC750	AR1248ICC750	01/17/2023	22:48	PP054635.D	10.10	4.33
AR1248ICC500	AR1248ICC500	01/17/2023	23:05	PP054636.D	10.10	4.33
AR1248ICC250	AR1248ICC250	01/17/2023	23:22	PP054637.D	10.10	4.33
AR1248ICC050	AR1248ICC050	01/17/2023	23:38	PP054638.D	10.10	4.33
AR1254ICC1000	AR1254ICC1000	01/17/2023	23:55	PP054639.D	10.10	4.33
AR1254ICC750	AR1254ICC750	01/18/2023	00:11	PP054640.D	10.10	4.33
AR1254ICC500	AR1254ICC500	01/18/2023	00:27	PP054641.D	10.10	4.33
AR1254ICC250	AR1254ICC250	01/18/2023	00:44	PP054642.D	10.10	4.33
AR1254ICC050	AR1254ICC050	01/18/2023	01:00	PP054643.D	10.10	4.33
AR1262ICC500	AR1262ICC500	01/18/2023	01:17	PP054644.D	10.10	4.33
AR1268ICC1000	AR1268ICC1000	01/18/2023	01:33	PP054645.D	10.10	4.33
AR1268ICC750	AR1268ICC750	01/18/2023	01:50	PP054646.D	10.10	4.33
AR1268ICC500	AR1268ICC500	01/18/2023	02:06	PP054647.D	10.10	4.33
AR1268ICC250	AR1268ICC250	01/18/2023	02:22	PP054648.D	10.10	4.33
AR1268ICC050	AR1268ICC050	01/18/2023	02:39	PP054649.D	10.10	4.33
AR1660CCC500	AR1660CCC500	01/20/2023	18:26	PP054770.D	10.10	4.33
IBLK	IBLK	01/20/2023	18:59	PP054771.D	10.10	4.33
PB150372BL	PB150372BL	01/20/2023	19:15	PP054772.D	10.10	4.33
PB150372BS	PB150372BS	01/20/2023	19:32	PP054773.D	10.09	4.33
B-P17AMS	O1232-01MS	01/20/2023	20:05	PP054775.D	10.09	4.33
B-P17AMSD	O1232-01MSD	01/20/2023	20:21	PP054776.D	10.09	4.33
B-P34A	O1233-02	01/20/2023	23:06	PP054786.D	10.09	4.33
B-P34B	O1233-03	01/20/2023	23:22	PP054787.D	10.09	4.33
B-P36A	O1233-04	01/20/2023	23:38	PP054788.D	10.09	4.33
B-P36B	O1233-05	01/20/2023	23:55	PP054789.D	10.09	4.33
B-P37A	O1233-06	01/21/2023	00:11	PP054790.D	10.09	4.33
B-P37B	O1233-07	01/21/2023	00:28	PP054791.D	10.09	4.33
AR1660CCC500	AR1660CCC500	01/21/2023	01:05	PP054792.D	10.09	4.33
IBLK	IBLK	01/21/2023	01:54	PP054793.D	10.09	4.33
B-P38A	O1233-08	01/21/2023	02:11	PP054794.D	10.09	4.33
B-P38B	O1233-09	01/21/2023	02:27	PP054795.D	10.09	4.33



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

WC-38	O1233-10	01/21/2023	02:44	PP054796.D	10.09	4.33
B-P38C	O1233-11	01/21/2023	03:00	PP054797.D	10.09	4.33
AR1660CCC500	AR1660CCC500	01/21/2023	03:37	PP054798.D	10.09	4.33
LBLK	LBLK	01/21/2023	03:54	PP054799.D	10.09	4.33



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

Client: Louis Berger U.S., Inc., A WSP Company

SDG No.: O1233

Project: NYCDDC Phase II SCI Arthur Kill Road CE

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 01/17/2023

01/17/2023

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	01/17/2023	18:58	PP054621.D	8.60	3.58
AR1660ICC1000	AR1660ICC1000	01/17/2023	19:14	PP054622.D	8.60	3.58
AR1660ICC750	AR1660ICC750	01/17/2023	19:31	PP054623.D	8.60	3.58
AR1660ICC500	AR1660ICC500	01/17/2023	19:47	PP054624.D	8.60	3.58
AR1660ICC250	AR1660ICC250	01/17/2023	20:04	PP054625.D	8.60	3.58
AR1660ICC050	AR1660ICC050	01/17/2023	20:20	PP054626.D	8.60	3.58
AR1221ICC500	AR1221ICC500	01/17/2023	20:37	PP054627.D	8.60	3.58
AR1232ICC500	AR1232ICC500	01/17/2023	20:53	PP054628.D	8.60	3.58
AR1242ICC1000	AR1242ICC1000	01/17/2023	21:10	PP054629.D	8.60	3.58
AR1242ICC750	AR1242ICC750	01/17/2023	21:26	PP054630.D	8.60	3.58
AR1242ICC500	AR1242ICC500	01/17/2023	21:43	PP054631.D	8.60	3.58
AR1242ICC250	AR1242ICC250	01/17/2023	21:59	PP054632.D	8.60	3.58
AR1242ICC050	AR1242ICC050	01/17/2023	22:15	PP054633.D	8.60	3.58
AR1248ICC1000	AR1248ICC1000	01/17/2023	22:32	PP054634.D	8.60	3.58
AR1248ICC750	AR1248ICC750	01/17/2023	22:48	PP054635.D	8.60	3.58
AR1248ICC500	AR1248ICC500	01/17/2023	23:05	PP054636.D	8.60	3.58
AR1248ICC250	AR1248ICC250	01/17/2023	23:22	PP054637.D	8.60	3.58
AR1248ICC050	AR1248ICC050	01/17/2023	23:38	PP054638.D	8.60	3.58
AR1254ICC1000	AR1254ICC1000	01/17/2023	23:55	PP054639.D	8.60	3.58
AR1254ICC750	AR1254ICC750	01/18/2023	00:11	PP054640.D	8.60	3.58
AR1254ICC500	AR1254ICC500	01/18/2023	00:27	PP054641.D	8.60	3.58
AR1254ICC250	AR1254ICC250	01/18/2023	00:44	PP054642.D	8.60	3.58
AR1254ICC050	AR1254ICC050	01/18/2023	01:00	PP054643.D	8.60	3.58
AR1262ICC500	AR1262ICC500	01/18/2023	01:17	PP054644.D	8.60	3.58
AR1268ICC1000	AR1268ICC1000	01/18/2023	01:33	PP054645.D	8.60	3.58
AR1268ICC750	AR1268ICC750	01/18/2023	01:50	PP054646.D	8.60	3.58
AR1268ICC500	AR1268ICC500	01/18/2023	02:06	PP054647.D	8.60	3.58
AR1268ICC250	AR1268ICC250	01/18/2023	02:22	PP054648.D	8.60	3.58
AR1268ICC050	AR1268ICC050	01/18/2023	02:39	PP054649.D	8.60	3.58
AR1660CCC500	AR1660CCC500	01/20/2023	18:26	PP054770.D	8.60	3.58
IBLK	IBLK	01/20/2023	18:59	PP054771.D	8.60	3.58
PB150372BL	PB150372BL	01/20/2023	19:15	PP054772.D	8.60	3.58
PB150372BS	PB150372BS	01/20/2023	19:32	PP054773.D	8.60	3.58
B-P17AMS	O1232-01MS	01/20/2023	20:05	PP054775.D	8.60	3.58
B-P17AMSD	O1232-01MSD	01/20/2023	20:21	PP054776.D	8.60	3.58
B-P34A	O1233-02	01/20/2023	23:06	PP054786.D	8.60	3.58
B-P34B	O1233-03	01/20/2023	23:22	PP054787.D	8.60	3.58
B-P36A	O1233-04	01/20/2023	23:38	PP054788.D	8.60	3.58
B-P36B	O1233-05	01/20/2023	23:55	PP054789.D	8.60	3.58
B-P37A	O1233-06	01/21/2023	00:11	PP054790.D	8.60	3.58
B-P37B	O1233-07	01/21/2023	00:28	PP054791.D	8.60	3.58
AR1660CCC500	AR1660CCC500	01/21/2023	01:05	PP054792.D	8.60	3.58
IBLK	IBLK	01/21/2023	01:54	PP054793.D	8.60	3.58
B-P38A	O1233-08	01/21/2023	02:11	PP054794.D	8.60	3.58
B-P38B	O1233-09	01/21/2023	02:27	PP054795.D	8.60	3.58



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

WC-38	O1233-10	01/21/2023	02:44	PP054796.D	8.60	3.58
B-P38C	O1233-11	01/21/2023	03:00	PP054797.D	8.60	3.58
AR1660CCC500	AR1660CCC500	01/21/2023	03:37	PP054798.D	8.60	3.58
LBLK	LBLK	01/21/2023	03:54	PP054799.D	8.60	3.58