

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1746
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 03/18/2025 03/18/2025

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	03/18/2025	13:44	PO109971.D	8.74	3.69
AR1660ICC1000	AR1660ICC1000	03/18/2025	14:03	PO109972.D	8.75	3.69
AR1660ICC750	AR1660ICC750	03/18/2025	14:21	PO109973.D	8.75	3.69
AR1660ICC500	AR1660ICC500	03/18/2025	14:39	PO109974.D	8.75	3.69
AR1660ICC250	AR1660ICC250	03/18/2025	14:58	PO109975.D	8.75	3.69
AR1660ICC050	AR1660ICC050	03/18/2025	15:16	PO109976.D	8.74	3.69
AR1221ICC500	AR1221ICC500	03/18/2025	15:34	PO109977.D	8.74	3.69
AR1232ICC500	AR1232ICC500	03/18/2025	15:53	PO109978.D	8.74	3.69
AR1242ICC1000	AR1242ICC1000	03/18/2025	16:11	PO109979.D	8.74	3.69
AR1242ICC750	AR1242ICC750	03/18/2025	16:30	PO109980.D	8.74	3.69
AR1242ICC500	AR1242ICC500	03/18/2025	16:48	PO109981.D	8.74	3.69
AR1242ICC250	AR1242ICC250	03/18/2025	17:06	PO109982.D	8.74	3.69
AR1242ICC050	AR1242ICC050	03/18/2025	17:25	PO109983.D	8.74	3.69
AR1248ICC1000	AR1248ICC1000	03/18/2025	17:42	PO109984.D	8.74	3.69
AR1248ICC750	AR1248ICC750	03/18/2025	18:00	PO109985.D	8.74	3.69
AR1248ICC500	AR1248ICC500	03/18/2025	18:19	PO109986.D	8.74	3.69
AR1248ICC250	AR1248ICC250	03/18/2025	18:37	PO109987.D	8.74	3.69
AR1248ICC050	AR1248ICC050	03/18/2025	18:54	PO109988.D	8.74	3.69
AR1254ICC1000	AR1254ICC1000	03/18/2025	19:13	PO109989.D	8.74	3.69
AR1254ICC750	AR1254ICC750	03/18/2025	19:31	PO109990.D	8.74	3.69
AR1254ICC500	AR1254ICC500	03/18/2025	19:49	PO109991.D	8.74	3.69
AR1254ICC250	AR1254ICC250	03/18/2025	20:07	PO109992.D	8.74	3.69
AR1254ICC050	AR1254ICC050	03/18/2025	20:25	PO109993.D	8.74	3.69
AR1262ICC500	AR1262ICC500	03/18/2025	20:43	PO109994.D	8.74	3.69
AR1268ICC1000	AR1268ICC1000	03/18/2025	21:02	PO109995.D	8.74	3.69
AR1268ICC750	AR1268ICC750	03/18/2025	21:20	PO109996.D	8.74	3.69
AR1268ICC500	AR1268ICC500	03/18/2025	21:39	PO109997.D	8.74	3.69
AR1268ICC250	AR1268ICC250	03/18/2025	21:57	PO109998.D	8.74	3.69
AR1268ICC050	AR1268ICC050	03/18/2025	22:15	PO109999.D	8.74	3.69
AR1660CCC500	AR1660CCC500	04/08/2025	12:58	PO110302.D	8.74	3.69
IBLK	IBLK	04/08/2025	14:12	PO110306.D	8.74	3.69
PB167515BL	PB167515BL	04/08/2025	14:30	PO110307.D	8.74	3.69
PB167515BS	PB167515BS	04/08/2025	14:49	PO110308.D	8.74	3.69
PB167515BSD	PB167515BSD	04/08/2025	15:07	PO110309.D	8.74	3.69
B-158-GW01	Q1746-05	04/08/2025	15:44	PO110311.D	8.74	3.69
B-149-GW01	Q1746-06	04/08/2025	16:02	PO110312.D	8.74	3.69
EB-2025-4-7	Q1746-07	04/08/2025	16:20	PO110313.D	8.74	3.69
AR1660CCC500	AR1660CCC500	04/08/2025	17:54	PO110315.D	8.74	3.69
IBLK	IBLK	04/08/2025	19:43	PO110319.D	8.74	3.69
IBLK	IBLK	03/27/2025	10:14	PP070916.D	10.23	4.51
AR1660ICC1000	AR1660ICC1000	03/27/2025	10:30	PP070917.D	10.23	4.51
AR1660ICC750	AR1660ICC750	03/27/2025	10:47	PP070918.D	10.23	4.52

Analytical Sequence

AR1660ICC500	AR1660ICC500	03/27/2025	11:03	PP070919.D	10.23	4.51
AR1660ICC250	AR1660ICC250	03/27/2025	11:19	PP070920.D	10.23	4.52
AR1660ICC050	AR1660ICC050	03/27/2025	11:35	PP070921.D	10.23	4.51
AR1221ICC500	AR1221ICC500	03/27/2025	11:52	PP070922.D	10.23	4.52
AR1232ICC500	AR1232ICC500	03/27/2025	12:11	PP070923.D	10.23	4.52
AR1242ICC1000	AR1242ICC1000	03/27/2025	12:28	PP070924.D	10.23	4.51
AR1242ICC750	AR1242ICC750	03/27/2025	12:44	PP070925.D	10.23	4.51
AR1242ICC500	AR1242ICC500	03/27/2025	13:00	PP070926.D	10.23	4.51
AR1242ICC250	AR1242ICC250	03/27/2025	13:16	PP070927.D	10.23	4.51
AR1242ICC050	AR1242ICC050	03/27/2025	13:33	PP070928.D	10.23	4.51
AR1248ICC1000	AR1248ICC1000	03/27/2025	13:49	PP070929.D	10.23	4.51
AR1248ICC750	AR1248ICC750	03/27/2025	14:05	PP070930.D	10.23	4.51
AR1248ICC500	AR1248ICC500	03/27/2025	14:22	PP070931.D	10.23	4.51
AR1248ICC250	AR1248ICC250	03/27/2025	14:38	PP070932.D	10.23	4.52
AR1248ICC050	AR1248ICC050	03/27/2025	14:55	PP070933.D	10.23	4.51
AR1254ICC1000	AR1254ICC1000	03/27/2025	15:11	PP070934.D	10.23	4.51
AR1254ICC750	AR1254ICC750	03/27/2025	15:27	PP070935.D	10.23	4.51
AR1254ICC500	AR1254ICC500	03/27/2025	15:43	PP070936.D	10.23	4.51
AR1254ICC250	AR1254ICC250	03/27/2025	16:00	PP070937.D	10.23	4.51
AR1254ICC050	AR1254ICC050	03/27/2025	16:16	PP070938.D	10.23	4.52
AR1262ICC500	AR1262ICC500	03/27/2025	16:32	PP070939.D	10.23	4.51
AR1268ICC1000	AR1268ICC1000	03/27/2025	16:48	PP070940.D	10.23	4.52
AR1268ICC750	AR1268ICC750	03/27/2025	17:05	PP070941.D	10.23	4.51
AR1268ICC500	AR1268ICC500	03/27/2025	17:21	PP070942.D	10.23	4.51
AR1268ICC250	AR1268ICC250	03/27/2025	17:37	PP070943.D	10.23	4.52
AR1268ICC050	AR1268ICC050	03/27/2025	17:53	PP070944.D	10.23	4.51
AR1660CCC500	AR1660CCC500	04/08/2025	09:37	PP071136.D	10.26	4.52
IBLK	IBLK	04/08/2025	11:05	PP071140.D	10.25	4.52
TR-06-040725MS	Q1742-01MS	04/08/2025	13:41	PP071147.D	10.24	4.51
TR-06-040725MSD	Q1742-01MSD	04/08/2025	13:57	PP071148.D	10.25	4.52
AR1660CCC500	AR1660CCC500	04/08/2025	15:29	PP071151.D	10.24	4.52
IBLK	IBLK	04/08/2025	16:51	PP071155.D	10.24	4.52
PB167507BL	PB167507BL	04/08/2025	17:07	PP071156.D	10.24	4.52
PB167507BS	PB167507BS	04/08/2025	17:23	PP071157.D	10.24	4.52
B-149-SB01	Q1746-01	04/08/2025	18:28	PP071161.D	10.24	4.52
B-149-SB02	Q1746-03	04/08/2025	18:45	PP071162.D	10.24	4.52
AR1660CCC500	AR1660CCC500	04/08/2025	20:28	PP071164.D	10.24	4.52
IBLK	IBLK	04/08/2025	22:05	PP071168.D	10.24	4.52

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1746
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 03/18/2025 03/18/2025

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	03/18/2025	13:44	PO109971.D	8.70	3.69
AR1660ICC1000	AR1660ICC1000	03/18/2025	14:03	PO109972.D	8.70	3.69
AR1660ICC750	AR1660ICC750	03/18/2025	14:21	PO109973.D	8.70	3.69
AR1660ICC500	AR1660ICC500	03/18/2025	14:39	PO109974.D	8.70	3.69
AR1660ICC250	AR1660ICC250	03/18/2025	14:58	PO109975.D	8.70	3.69
AR1660ICC050	AR1660ICC050	03/18/2025	15:16	PO109976.D	8.70	3.69
AR1221ICC500	AR1221ICC500	03/18/2025	15:34	PO109977.D	8.70	3.69
AR1232ICC500	AR1232ICC500	03/18/2025	15:53	PO109978.D	8.70	3.69
AR1242ICC1000	AR1242ICC1000	03/18/2025	16:11	PO109979.D	8.70	3.69
AR1242ICC750	AR1242ICC750	03/18/2025	16:30	PO109980.D	8.70	3.69
AR1242ICC500	AR1242ICC500	03/18/2025	16:48	PO109981.D	8.70	3.69
AR1242ICC250	AR1242ICC250	03/18/2025	17:06	PO109982.D	8.70	3.69
AR1242ICC050	AR1242ICC050	03/18/2025	17:25	PO109983.D	8.70	3.69
AR1248ICC1000	AR1248ICC1000	03/18/2025	17:42	PO109984.D	8.70	3.69
AR1248ICC750	AR1248ICC750	03/18/2025	18:00	PO109985.D	8.70	3.69
AR1248ICC500	AR1248ICC500	03/18/2025	18:19	PO109986.D	8.70	3.69
AR1248ICC250	AR1248ICC250	03/18/2025	18:37	PO109987.D	8.70	3.69
AR1248ICC050	AR1248ICC050	03/18/2025	18:54	PO109988.D	8.70	3.69
AR1254ICC1000	AR1254ICC1000	03/18/2025	19:13	PO109989.D	8.69	3.69
AR1254ICC750	AR1254ICC750	03/18/2025	19:31	PO109990.D	8.70	3.69
AR1254ICC500	AR1254ICC500	03/18/2025	19:49	PO109991.D	8.70	3.69
AR1254ICC250	AR1254ICC250	03/18/2025	20:07	PO109992.D	8.70	3.69
AR1254ICC050	AR1254ICC050	03/18/2025	20:25	PO109993.D	8.69	3.69
AR1262ICC500	AR1262ICC500	03/18/2025	20:43	PO109994.D	8.70	3.69
AR1268ICC1000	AR1268ICC1000	03/18/2025	21:02	PO109995.D	8.70	3.69
AR1268ICC750	AR1268ICC750	03/18/2025	21:20	PO109996.D	8.70	3.69
AR1268ICC500	AR1268ICC500	03/18/2025	21:39	PO109997.D	8.69	3.69
AR1268ICC250	AR1268ICC250	03/18/2025	21:57	PO109998.D	8.70	3.69
AR1268ICC050	AR1268ICC050	03/18/2025	22:15	PO109999.D	8.70	3.69
AR1660CCC500	AR1660CCC500	04/08/2025	12:58	PO110302.D	8.69	3.69
IBLK	IBLK	04/08/2025	14:12	PO110306.D	8.69	3.69
PB167515BL	PB167515BL	04/08/2025	14:30	PO110307.D	8.69	3.69
PB167515BS	PB167515BS	04/08/2025	14:49	PO110308.D	8.69	3.69
PB167515BSD	PB167515BSD	04/08/2025	15:07	PO110309.D	8.69	3.69
B-158-GW01	Q1746-05	04/08/2025	15:44	PO110311.D	8.69	3.69
B-149-GW01	Q1746-06	04/08/2025	16:02	PO110312.D	8.69	3.69
EB-2025-4-7	Q1746-07	04/08/2025	16:20	PO110313.D	8.69	3.69
AR1660CCC500	AR1660CCC500	04/08/2025	17:54	PO110315.D	8.69	3.69
IBLK	IBLK	04/08/2025	19:43	PO110319.D	8.69	3.69
IBLK	IBLK	03/27/2025	10:14	PP070916.D	8.86	3.82
AR1660ICC1000	AR1660ICC1000	03/27/2025	10:30	PP070917.D	8.86	3.82
AR1660ICC750	AR1660ICC750	03/27/2025	10:47	PP070918.D	8.86	3.82

Analytical Sequence

AR1660ICC500	AR1660ICC500	03/27/2025	11:03	PP070919.D	8.86	3.82
AR1660ICC250	AR1660ICC250	03/27/2025	11:19	PP070920.D	8.86	3.82
AR1660ICC050	AR1660ICC050	03/27/2025	11:35	PP070921.D	8.86	3.82
AR1221ICC500	AR1221ICC500	03/27/2025	11:52	PP070922.D	8.86	3.82
AR1232ICC500	AR1232ICC500	03/27/2025	12:11	PP070923.D	8.86	3.82
AR1242ICC1000	AR1242ICC1000	03/27/2025	12:28	PP070924.D	8.86	3.82
AR1242ICC750	AR1242ICC750	03/27/2025	12:44	PP070925.D	8.86	3.82
AR1242ICC500	AR1242ICC500	03/27/2025	13:00	PP070926.D	8.86	3.82
AR1242ICC250	AR1242ICC250	03/27/2025	13:16	PP070927.D	8.86	3.82
AR1242ICC050	AR1242ICC050	03/27/2025	13:33	PP070928.D	8.86	3.82
AR1248ICC1000	AR1248ICC1000	03/27/2025	13:49	PP070929.D	8.86	3.82
AR1248ICC750	AR1248ICC750	03/27/2025	14:05	PP070930.D	8.86	3.82
AR1248ICC500	AR1248ICC500	03/27/2025	14:22	PP070931.D	8.86	3.82
AR1248ICC250	AR1248ICC250	03/27/2025	14:38	PP070932.D	8.86	3.82
AR1248ICC050	AR1248ICC050	03/27/2025	14:55	PP070933.D	8.86	3.82
AR1254ICC1000	AR1254ICC1000	03/27/2025	15:11	PP070934.D	8.86	3.82
AR1254ICC750	AR1254ICC750	03/27/2025	15:27	PP070935.D	8.86	3.82
AR1254ICC500	AR1254ICC500	03/27/2025	15:43	PP070936.D	8.86	3.82
AR1254ICC250	AR1254ICC250	03/27/2025	16:00	PP070937.D	8.86	3.82
AR1254ICC050	AR1254ICC050	03/27/2025	16:16	PP070938.D	8.86	3.82
AR1262ICC500	AR1262ICC500	03/27/2025	16:32	PP070939.D	8.86	3.82
AR1268ICC1000	AR1268ICC1000	03/27/2025	16:48	PP070940.D	8.86	3.82
AR1268ICC750	AR1268ICC750	03/27/2025	17:05	PP070941.D	8.86	3.82
AR1268ICC500	AR1268ICC500	03/27/2025	17:21	PP070942.D	8.86	3.82
AR1268ICC250	AR1268ICC250	03/27/2025	17:37	PP070943.D	8.86	3.82
AR1268ICC050	AR1268ICC050	03/27/2025	17:53	PP070944.D	8.86	3.82
AR1660CCC500	AR1660CCC500	04/08/2025	09:37	PP071136.D	8.86	3.82
IBLK	IBLK	04/08/2025	11:05	PP071140.D	8.86	3.82
TR-06-040725MS	Q1742-01MS	04/08/2025	13:41	PP071147.D	8.86	3.82
TR-06-040725MSD	Q1742-01MSD	04/08/2025	13:57	PP071148.D	8.86	3.82
AR1660CCC500	AR1660CCC500	04/08/2025	15:29	PP071151.D	8.86	3.82
IBLK	IBLK	04/08/2025	16:51	PP071155.D	8.86	3.82
PB167507BL	PB167507BL	04/08/2025	17:07	PP071156.D	8.86	3.82
PB167507BS	PB167507BS	04/08/2025	17:23	PP071157.D	8.86	3.82
B-149-SB01	Q1746-01	04/08/2025	18:28	PP071161.D	8.86	3.82
B-149-SB02	Q1746-03	04/08/2025	18:45	PP071162.D	8.86	3.82
AR1660CCC500	AR1660CCC500	04/08/2025	20:28	PP071164.D	8.86	3.82
IBLK	IBLK	04/08/2025	22:05	PP071168.D	8.86	3.82