















# Hold Time Summary

SDG 180-44321-1

Sample Number	Sample Name	Method	Date Collected	Analysis Date	Date Extracted	Days to Analysis
180-44321-1	HD-COD-SW-6-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-10	HD-COD-SW-16-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-11	HD-COD-SW-17-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-12	HD-COD-SW-20-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-13	HD-COD-SW-26-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-14	HD-COD-SW-27-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-15	HD-COD-SW-28-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-16	HD-COD-SW-29-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-18	HD-QC2-0/1-1	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-19	HD-CW-9-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-2	HD-COD-SW-7-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-20	HD-CW-13-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-21	HD-CW-15A-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-22	HD-CW-17-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-23	HD-CW-20-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-24	HD-MW-95-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-25	HD-MW-96S-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-26	HD-MW-96D-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-27	HD-MW-97-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-28	HD-CW-18-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-29	HD-MW-50D-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-29	HD-MW-50D-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-3	HD-COD-SW-8-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-30	HD-MW-51S-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-4	HD-COD-SW-9-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-5	HD-COD-SW-10-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-6	HD-COD-SW-11-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-7	HD-COD-SW-12-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-8	HD-COD-SW-13-0/1-0	MCAWW 300.0	5/20/2015	5/21/2015		1
180-44321-9	HD-COD-SW-15-0/1-0	MCAWW 300.0	5/20/2015	5/22/2015		2
180-44321-1	HD-COD-SW-6-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-10	HD-COD-SW-16-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-11	HD-COD-SW-17-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-12	HD-COD-SW-20-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-13	HD-COD-SW-26-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-14	HD-COD-SW-27-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-15	HD-COD-SW-28-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-16	HD-COD-SW-29-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-18	HD-QC2-0/1-1	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-19	HD-CW-9-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12



Sample Number	Sample Name	Method	Date Collected	Analysis Date	Date Extracted	Days to Analysis
180-44321-2	HD-COD-SW-7-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-20	HD-CW-13-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-21	HD-CW-15A-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-22	HD-CW-17-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-23	HD-CW-20-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-24	HD-MW-95-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-25	HD-MW-96S-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-26	HD-MW-96D-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-27	HD-MW-97-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-28	HD-CW-18-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-29	HD-MW-50D-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-3	HD-COD-SW-8-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-30	HD-MW-51S-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-4	HD-COD-SW-9-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-5	HD-COD-SW-10-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-6	HD-COD-SW-11-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-7	HD-COD-SW-12-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-8	HD-COD-SW-13-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-9	HD-COD-SW-15-0/1-0	SM SM 2320B	5/20/2015	6/1/2015		12
180-44321-1	HD-COD-SW-6-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-10	HD-COD-SW-16-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-11	HD-COD-SW-17-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-12	HD-COD-SW-20-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-13	HD-COD-SW-26-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-14	HD-COD-SW-27-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-15	HD-COD-SW-28-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-16	HD-COD-SW-29-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-18	HD-QC2-0/1-1	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-19	HD-CW-9-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-2	HD-COD-SW-7-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-20	HD-CW-13-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-21	HD-CW-15A-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-22	HD-CW-17-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-23	HD-CW-20-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-24	HD-MW-95-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-25	HD-MW-96S-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-26	HD-MW-96D-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-27	HD-MW-97-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-28	HD-CW-18-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-29	HD-MW-50D-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-3	HD-COD-SW-8-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-30	HD-MW-51S-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-4	HD-COD-SW-9-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13

Sample Number	Sample Name	Method	Date Collected	Analysis Date	Date Extracted	Days to Analysis
180-44321-5	HD-COD-SW-10-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-6	HD-COD-SW-11-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-7	HD-COD-SW-12-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-8	HD-COD-SW-13-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-9	HD-COD-SW-15-0/1-0	SW846 6020A	5/20/2015	6/2/2015	5/22/2015	13
180-44321-1	HD-COD-SW-6-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-10	HD-COD-SW-16-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-11	HD-COD-SW-17-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-12	HD-COD-SW-20-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-13	HD-COD-SW-26-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-14	HD-COD-SW-27-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-15	HD-COD-SW-28-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-16	HD-COD-SW-29-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-17	HD-QC3-0/1-2	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-18	HD-QC2-0/1-1	SW846 8260C	5/20/2015	6/1/2015		12
180-44321-19	HD-CW-9-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-2	HD-COD-SW-7-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-20	HD-CW-13-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-21	HD-CW-15A-0/1-0	SW846 8260C	5/20/2015	6/1/2015		12
180-44321-21	HD-CW-15A-0/1-0	SW846 8260C	5/20/2015	6/2/2015		13
180-44321-22	HD-CW-17-0/1-0	SW846 8260C	5/20/2015	6/1/2015		12
180-44321-23	HD-CW-20-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-23	HD-CW-20-0/1-0	SW846 8260C	5/20/2015	6/1/2015		12
180-44321-24	HD-MW-95-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-25	HD-MW-96S-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-25	HD-MW-96S-0/1-0	SW846 8260C	5/20/2015	6/1/2015		12
180-44321-26	HD-MW-96D-0/1-0	SW846 8260C	5/20/2015	6/1/2015		12
180-44321-27	HD-MW-97-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-28	HD-CW-18-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-29	HD-MW-50D-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-3	HD-COD-SW-8-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-30	HD-MW-51S-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-31	HD-QC4-0/1-2	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-32	HD-QC1-0/1-4	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-33	HD-QC1-0/1-3	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-4	HD-COD-SW-9-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-5	HD-COD-SW-10-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-6	HD-COD-SW-11-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-7	HD-COD-SW-12-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9
180-44321-8	HD-COD-SW-13-0/1-0	SW846 8260C	5/20/2015	5/31/2015		11
180-44321-9	HD-COD-SW-15-0/1-0	SW846 8260C	5/20/2015	5/29/2015		9

# Blank Detections

SDG 180-44321-1

Sample ID	Sample	Analyte	Result	Method	Units	Qual
180-44321-33	HD-QC1-0/1-3	2-Butanone (MEK)	1.7	SW846 8260C	ug/L	J
180-44321-32	HD-QC1-0/1-4	2-Butanone (MEK)	2.2	SW846 8260C	ug/L	J
180-44321-32	HD-QC1-0/1-4	Acetone	2.6	SW846 8260C	ug/L	J
180-44321-17	HD-QC3-0/1-2	Methylene Chloride	1.0	SW846 8260C	ug/L	B
MB 180-142539/1-A	MB 180-142539/1-A	Calcium	13.3	SW846 6020A	ug/L	J
MB 180-142542/1-A	MB 180-142542/1-A	Calcium	13.9	SW846 6020A	ug/L	J
MB 180-142542/1-A	MB 180-142542/1-A	Potassium	8.13	SW846 6020A	ug/L	J
MB 180-143153/7	MB 180-143153/7	Methylene Chloride	0.156	SW846 8260C	ug/L	J
MB 180-143337/4	MB 180-143337/4	Methylene Chloride	0.405	SW846 8260C	ug/L	J

Sample # 3 and # 4 are MSG and field blanks. The detections are from the di water from E+S.

# Qualifier Check

SDG 180-44321-1

Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
180-44321-5	HD-COD-SW-10-0/1-0	Chloride	120	600	1200	MCAWW 300.0	mg/L	B
180-44321-6	HD-COD-SW-11-0/1-0	Chloride	75	375	750	MCAWW 300.0	mg/L	B
180-44321-7	HD-COD-SW-12-0/1-0	Chloride	120	600	1200	MCAWW 300.0	mg/L	B
180-44321-8	HD-COD-SW-13-0/1-0	Chloride	50	250	500	MCAWW 300.0	mg/L	B
180-44321-9	HD-COD-SW-15-0/1-0	Chloride	150	750	1500	MCAWW 300.0	mg/L	B
180-44321-10	HD-COD-SW-16-0/1-0	Chloride	55	275	550	MCAWW 300.0	mg/L	B
180-44321-11	HD-COD-SW-17-0/1-0	Chloride	130	650	1300	MCAWW 300.0	mg/L	B
180-44321-12	HD-COD-SW-20-0/1-0	Chloride	110	550	1100	MCAWW 300.0	mg/L	B
180-44321-13	HD-COD-SW-26-0/1-0	Chloride	230	1150	2300	MCAWW 300.0	mg/L	B
180-44321-14	HD-COD-SW-27-0/1-0	Chloride	81	405	810	MCAWW 300.0	mg/L	B
180-44321-16	HD-COD-SW-29-0/1-0	Chloride	52	260	520	MCAWW 300.0	mg/L	B
180-44321-1	HD-COD-SW-6-0/1-0	Chloride	95	475	950	MCAWW 300.0	mg/L	B
180-44321-2	HD-COD-SW-7-0/1-0	Chloride	65	325	650	MCAWW 300.0	mg/L	B
180-44321-3	HD-COD-SW-8-0/1-0	Chloride	53	265	530	MCAWW 300.0	mg/L	B
180-44321-4	HD-COD-SW-9-0/1-0	Chloride	93	465	930	MCAWW 300.0	mg/L	B
180-44321-20	HD-CW-13-0/1-0	Chloride	140	700	1400	MCAWW 300.0	mg/L	B
180-44321-21	HD-CW-15A-0/1-0	Chloride	170	850	1700	MCAWW 300.0	mg/L	B
180-44321-22	HD-CW-17-0/1-0	Chloride	100	500	1000	MCAWW 300.0	mg/L	B
180-44321-28	HD-CW-18-0/1-0	Chloride	240	1200	2400	MCAWW 300.0	mg/L	B
180-44321-23	HD-CW-20-0/1-0	Chloride	160	800	1600	MCAWW 300.0	mg/L	B
180-44321-19	HD-CW-9-0/1-0	Chloride	180	900	1800	MCAWW 300.0	mg/L	B
180-44321-29	HD-MW-50D-0/1-0	Chloride	99	495	990	MCAWW 300.0	mg/L	B
180-44321-30	HD-MW-51S-0/1-0	Chloride	160	800	1600	MCAWW 300.0	mg/L	B

Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
180-44321-24	HD-MW-95-0/1-0	Chloride	52	260	520	MCAWW 300.0	mg/L	B
180-44321-26	HD-MW-96D-0/1-0	Chloride	120	600	1200	MCAWW 300.0	mg/L	B
180-44321-25	HD-MW-96S-0/1-0	Chloride	140	700	1400	MCAWW 300.0	mg/L	B
180-44321-27	HD-MW-97-0/1-0	Chloride	120	600	1200	MCAWW 300.0	mg/L	B
180-44321-18	HD-QC2-0/1-1	Chloride	130	650	1300	MCAWW 300.0	mg/L	B
180-44321-15	HD-COD-SW-28-0/1-0	Chloride	96	480	960	MCAWW 300.0	mg/L	B F1
MB 180-142454/35	MB 180-142454/35	Chloride	0.369	1.845	3.69	MCAWW 300.0	mg/L	J
MB 180-142454/6	MB 180-142454/6	Chloride	0.289	1.445	2.89	MCAWW 300.0	mg/L	J
180-44321-5	HD-COD-SW-10-0/1-0	Nitrate as N	2.3	11.5	23	MCAWW 300.0	mg/L	B
180-44321-6	HD-COD-SW-11-0/1-0	Nitrate as N	4.2	21	42	MCAWW 300.0	mg/L	B
180-44321-7	HD-COD-SW-12-0/1-0	Nitrate as N	2.9	14.5	29	MCAWW 300.0	mg/L	B
180-44321-8	HD-COD-SW-13-0/1-0	Nitrate as N	2.3	11.5	23	MCAWW 300.0	mg/L	B
180-44321-9	HD-COD-SW-15-0/1-0	Nitrate as N	3.8	19	38	MCAWW 300.0	mg/L	B
180-44321-10	HD-COD-SW-16-0/1-0	Nitrate as N	2.5	12.5	25	MCAWW 300.0	mg/L	B
180-44321-11	HD-COD-SW-17-0/1-0	Nitrate as N	3.3	16.5	33	MCAWW 300.0	mg/L	B
180-44321-12	HD-COD-SW-20-0/1-0	Nitrate as N	1.9	9.5	19	MCAWW 300.0	mg/L	B
180-44321-13	HD-COD-SW-26-0/1-0	Nitrate as N	3.7	18.5	37	MCAWW 300.0	mg/L	B
180-44321-14	HD-COD-SW-27-0/1-0	Nitrate as N	2.8	14	28	MCAWW 300.0	mg/L	B
180-44321-15	HD-COD-SW-28-0/1-0	Nitrate as N	3.4	17	34	MCAWW 300.0	mg/L	B
180-44321-16	HD-COD-SW-29-0/1-0	Nitrate as N	2.6	13	26	MCAWW 300.0	mg/L	B
180-44321-1	HD-COD-SW-6-0/1-0	Nitrate as N	1.7	8.5	17	MCAWW 300.0	mg/L	B
180-44321-2	HD-COD-SW-7-0/1-0	Nitrate as N	2.5	12.5	25	MCAWW 300.0	mg/L	B
180-44321-3	HD-COD-SW-8-0/1-0	Nitrate as N	2.6	13	26	MCAWW 300.0	mg/L	B
180-44321-4	HD-COD-SW-9-0/1-0	Nitrate as N	3.4	17	34	MCAWW 300.0	mg/L	B
180-44321-20	HD-CW-13-0/1-0	Nitrate as N	3.2	16	32	MCAWW 300.0	mg/L	B

Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
180-44321-21	HD-CW-15A-0/1-0	Nitrate as N	3.2	16	32	MCAWW 300.0	mg/L	B
180-44321-22	HD-CW-17-0/1-0	Nitrate as N	2.1	10.5	21	MCAWW 300.0	mg/L	B
180-44321-23	HD-CW-20-0/1-0	Nitrate as N	3.1	15.5	31	MCAWW 300.0	mg/L	B
180-44321-19	HD-CW-9-0/1-0	Nitrate as N	3.6	18	36	MCAWW 300.0	mg/L	B
180-44321-30	HD-MW-51S-0/1-0	Nitrate as N	2.8	14	28	MCAWW 300.0	mg/L	B
180-44321-24	HD-MW-95-0/1-0	Nitrate as N	0.84	4.2	8.4	MCAWW 300.0	mg/L	B
180-44321-26	HD-MW-96D-0/1-0	Nitrate as N	3.8	19	38	MCAWW 300.0	mg/L	B
180-44321-25	HD-MW-96S-0/1-0	Nitrate as N	3.6	18	36	MCAWW 300.0	mg/L	B
180-44321-27	HD-MW-97-0/1-0	Nitrate as N	1.8	9	18	MCAWW 300.0	mg/L	B
180-44321-18	HD-QC2-0/1-1	Nitrate as N	3.3	16.5	33	MCAWW 300.0	mg/L	B
MB 180-142454/35	MB 180-142454/35	Nitrate as N	0.0188	0.094	0.188	MCAWW 300.0	mg/L	J
MB 180-142454/6	MB 180-142454/6	Nitrate as N	0.0146	0.073	0.146	MCAWW 300.0	mg/L	J
180-44321-28	HD-CW-18-0/1-0	Nitrate as N	0.085	0.425	0.85	MCAWW 300.0	mg/L	J B
180-44321-29	HD-MW-50D-0/1-0	Nitrate as N	0.022	0.11	0.22	MCAWW 300.0	mg/L	J B
180-44321-5	HD-COD-SW-10-0/1-0	Bicarbonate Alkalinity as CaCO3	190	950	1900	SM SM 2320B	mg/L	B
180-44321-6	HD-COD-SW-11-0/1-0	Bicarbonate Alkalinity as CaCO3	190	950	1900	SM SM 2320B	mg/L	B
180-44321-7	HD-COD-SW-12-0/1-0	Bicarbonate Alkalinity as CaCO3	160	800	1600	SM SM 2320B	mg/L	B
180-44321-8	HD-COD-SW-13-0/1-0	Bicarbonate Alkalinity as CaCO3	83	415	830	SM SM 2320B	mg/L	B
180-44321-9	HD-COD-SW-15-0/1-0	Bicarbonate Alkalinity as CaCO3	190	950	1900	SM SM 2320B	mg/L	B
180-44321-10	HD-COD-SW-16-0/1-0	Bicarbonate Alkalinity as CaCO3	100	500	1000	SM SM 2320B	mg/L	B
180-44321-11	HD-COD-SW-17-0/1-0	Bicarbonate Alkalinity as CaCO3	230	1150	2300	SM SM 2320B	mg/L	B
180-44321-12	HD-COD-SW-20-0/1-0	Bicarbonate Alkalinity as CaCO3	140	700	1400	SM SM 2320B	mg/L	B
180-44321-13	HD-COD-SW-26-0/1-0	Bicarbonate Alkalinity as CaCO3	260	1300	2600	SM SM 2320B	mg/L	B
180-44321-14	HD-COD-SW-27-0/1-0	Bicarbonate Alkalinity as CaCO3	150	750	1500	SM SM 2320B	mg/L	B
180-44321-15	HD-COD-SW-28-0/1-0	Bicarbonate Alkalinity as CaCO3	160	800	1600	SM SM 2320B	mg/L	B

Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
180-44321-16	HD-COD-SW-29-0/1-0	Bicarbonate Alkalinity as CaCO3	99	495	990	SM SM 2320B	mg/L	B
180-44321-1	HD-COD-SW-6-0/1-0	Bicarbonate Alkalinity as CaCO3	140	700	1400	SM SM 2320B	mg/L	B
180-44321-2	HD-COD-SW-7-0/1-0	Bicarbonate Alkalinity as CaCO3	100	500	1000	SM SM 2320B	mg/L	B
180-44321-3	HD-COD-SW-8-0/1-0	Bicarbonate Alkalinity as CaCO3	99	495	990	SM SM 2320B	mg/L	B
180-44321-4	HD-COD-SW-9-0/1-0	Bicarbonate Alkalinity as CaCO3	170	850	1700	SM SM 2320B	mg/L	B
180-44321-20	HD-CW-13-0/1-0	Bicarbonate Alkalinity as CaCO3	290	1450	2900	SM SM 2320B	mg/L	B
180-44321-21	HD-CW-15A-0/1-0	Bicarbonate Alkalinity as CaCO3	200	1000	2000	SM SM 2320B	mg/L	B
180-44321-22	HD-CW-17-0/1-0	Bicarbonate Alkalinity as CaCO3	230	1150	2300	SM SM 2320B	mg/L	B
180-44321-28	HD-CW-18-0/1-0	Bicarbonate Alkalinity as CaCO3	290	1450	2900	SM SM 2320B	mg/L	B
180-44321-23	HD-CW-20-0/1-0	Bicarbonate Alkalinity as CaCO3	230	1150	2300	SM SM 2320B	mg/L	B
180-44321-19	HD-CW-9-0/1-0	Bicarbonate Alkalinity as CaCO3	210	1050	2100	SM SM 2320B	mg/L	B
180-44321-29	HD-MW-50D-0/1-0	Bicarbonate Alkalinity as CaCO3	340	1700	3400	SM SM 2320B	mg/L	B
180-44321-30	HD-MW-51S-0/1-0	Bicarbonate Alkalinity as CaCO3	200	1000	2000	SM SM 2320B	mg/L	B
180-44321-24	HD-MW-95-0/1-0	Bicarbonate Alkalinity as CaCO3	260	1300	2600	SM SM 2320B	mg/L	B
180-44321-26	HD-MW-96D-0/1-0	Bicarbonate Alkalinity as CaCO3	270	1350	2700	SM SM 2320B	mg/L	B
180-44321-25	HD-MW-96S-0/1-0	Bicarbonate Alkalinity as CaCO3	310	1550	3100	SM SM 2320B	mg/L	B
180-44321-27	HD-MW-97-0/1-0	Bicarbonate Alkalinity as CaCO3	230	1150	2300	SM SM 2320B	mg/L	B
180-44321-18	HD-QC2-0/1-1	Bicarbonate Alkalinity as CaCO3	250	1250	2500	SM SM 2320B	mg/L	B
MB 180-143418/2	MB 180-143418/2	Bicarbonate Alkalinity as CaCO3	1.98	9.9	19.8	SM SM 2320B	mg/L	J
MB 180-143420/2	MB 180-143420/2	Bicarbonate Alkalinity as CaCO3	1.98	9.9	19.8	SM SM 2320B	mg/L	J
180-44321-5	HD-COD-SW-10-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	190	950	1900	SM SM 2320B	mg/L	B
180-44321-6	HD-COD-SW-11-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	190	950	1900	SM SM 2320B	mg/L	B
180-44321-7	HD-COD-SW-12-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	160	800	1600	SM SM 2320B	mg/L	B
180-44321-8	HD-COD-SW-13-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	83	415	830	SM SM 2320B	mg/L	B
180-44321-9	HD-COD-SW-15-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	190	950	1900	SM SM 2320B	mg/L	B

Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
180-44321-10	HD-COD-SW-16-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	100	500	1000	SM SM 2320B	mg/L	B
180-44321-11	HD-COD-SW-17-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	230	1150	2300	SM SM 2320B	mg/L	B
180-44321-12	HD-COD-SW-20-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	140	700	1400	SM SM 2320B	mg/L	B
180-44321-13	HD-COD-SW-26-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	260	1300	2600	SM SM 2320B	mg/L	B
180-44321-14	HD-COD-SW-27-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	150	750	1500	SM SM 2320B	mg/L	B
180-44321-15	HD-COD-SW-28-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	160	800	1600	SM SM 2320B	mg/L	B
180-44321-16	HD-COD-SW-29-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	99	495	990	SM SM 2320B	mg/L	B
180-44321-1	HD-COD-SW-6-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	140	700	1400	SM SM 2320B	mg/L	B
180-44321-2	HD-COD-SW-7-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	100	500	1000	SM SM 2320B	mg/L	B
180-44321-3	HD-COD-SW-8-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	99	495	990	SM SM 2320B	mg/L	B
180-44321-4	HD-COD-SW-9-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	170	850	1700	SM SM 2320B	mg/L	B
180-44321-20	HD-CW-13-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	290	1450	2900	SM SM 2320B	mg/L	B
180-44321-21	HD-CW-15A-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	200	1000	2000	SM SM 2320B	mg/L	B
180-44321-22	HD-CW-17-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	230	1150	2300	SM SM 2320B	mg/L	B
180-44321-28	HD-CW-18-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	290	1450	2900	SM SM 2320B	mg/L	B
180-44321-23	HD-CW-20-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	230	1150	2300	SM SM 2320B	mg/L	B
180-44321-19	HD-CW-9-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	210	1050	2100	SM SM 2320B	mg/L	B
180-44321-29	HD-MW-50D-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	340	1700	3400	SM SM 2320B	mg/L	B
180-44321-30	HD-MW-51S-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	200	1000	2000	SM SM 2320B	mg/L	B
180-44321-24	HD-MW-95-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	260	1300	2600	SM SM 2320B	mg/L	B
180-44321-26	HD-MW-96D-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	270	1350	2700	SM SM 2320B	mg/L	B
180-44321-25	HD-MW-96S-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	310	1550	3100	SM SM 2320B	mg/L	B
180-44321-27	HD-MW-97-0/1-0	Total Alkalinity as CaCO3 to pH 4.5	230	1150	2300	SM SM 2320B	mg/L	B
180-44321-18	HD-QC2-0/1-1	Total Alkalinity as CaCO3 to pH 4.5	250	1250	2500	SM SM 2320B	mg/L	B
MB 180-143418/2	MB 180-143418/2	Total Alkalinity as CaCO3 to pH 4.5	1.98	9.9	19.8	SM SM 2320B	mg/L	J



Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
MB 180-143420/2	MB 180-143420/2	Total Alkalinity as CaCO3 to pH 4.5	1.98	9.9	19.8	SM SM 2320B	mg/L	J
180-44321-5	HD-COD-SW-10-0/1-0	Calcium	83000	415000	830000	SW846 6020A	ug/L	B
180-44321-6	HD-COD-SW-11-0/1-0	Calcium	69000	345000	690000	SW846 6020A	ug/L	B
180-44321-7	HD-COD-SW-12-0/1-0	Calcium	65000	325000	650000	SW846 6020A	ug/L	B
180-44321-8	HD-COD-SW-13-0/1-0	Calcium	35000	175000	350000	SW846 6020A	ug/L	B
180-44321-9	HD-COD-SW-15-0/1-0	Calcium	87000	435000	870000	SW846 6020A	ug/L	B
180-44321-10	HD-COD-SW-16-0/1-0	Calcium	38000	190000	380000	SW846 6020A	ug/L	B
180-44321-11	HD-COD-SW-17-0/1-0	Calcium	89000	445000	890000	SW846 6020A	ug/L	B
180-44321-12	HD-COD-SW-20-0/1-0	Calcium	51000	255000	510000	SW846 6020A	ug/L	B
180-44321-13	HD-COD-SW-26-0/1-0	Calcium	110000	550000	1100000	SW846 6020A	ug/L	B
180-44321-14	HD-COD-SW-27-0/1-0	Calcium	52000	260000	520000	SW846 6020A	ug/L	B
180-44321-15	HD-COD-SW-28-0/1-0	Calcium	130000	650000	1300000	SW846 6020A	ug/L	B
180-44321-16	HD-COD-SW-29-0/1-0	Calcium	34000	170000	340000	SW846 6020A	ug/L	B
180-44321-1	HD-COD-SW-6-0/1-0	Calcium	48000	240000	480000	SW846 6020A	ug/L	B
180-44321-2	HD-COD-SW-7-0/1-0	Calcium	39000	195000	390000	SW846 6020A	ug/L	B
180-44321-3	HD-COD-SW-8-0/1-0	Calcium	34000	170000	340000	SW846 6020A	ug/L	B
180-44321-4	HD-COD-SW-9-0/1-0	Calcium	54000	270000	540000	SW846 6020A	ug/L	B
180-44321-20	HD-CW-13-0/1-0	Calcium	120000	600000	1200000	SW846 6020A	ug/L	B
180-44321-21	HD-CW-15A-0/1-0	Calcium	140000	700000	1400000	SW846 6020A	ug/L	B
180-44321-22	HD-CW-17-0/1-0	Calcium	100000	500000	1000000	SW846 6020A	ug/L	B
180-44321-28	HD-CW-18-0/1-0	Calcium	95000	475000	950000	SW846 6020A	ug/L	B
180-44321-23	HD-CW-20-0/1-0	Calcium	87000	435000	870000	SW846 6020A	ug/L	B
180-44321-19	HD-CW-9-0/1-0	Calcium	86000	430000	860000	SW846 6020A	ug/L	B
180-44321-29	HD-MW-50D-0/1-0	Calcium	150000	750000	1500000	SW846 6020A	ug/L	B
180-44321-30	HD-MW-51S-0/1-0	Calcium	110000	550000	1100000	SW846 6020A	ug/L	B

Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
180-44321-24	HD-MW-95-0/1-0	Calcium	96000	480000	960000	SW846 6020A	ug/L	B
180-44321-26	HD-MW-96D-0/1-0	Calcium	110000	550000	1100000	SW846 6020A	ug/L	B
180-44321-25	HD-MW-96S-0/1-0	Calcium	120000	600000	1200000	SW846 6020A	ug/L	B
180-44321-27	HD-MW-97-0/1-0	Calcium	88000	440000	880000	SW846 6020A	ug/L	B
180-44321-18	HD-QC2-0/1-1	Calcium	84000	420000	840000	SW846 6020A	ug/L	B
MB 180-142539/1-A	MB 180-142539/1-A	Calcium	13.3	66.5	133	SW846 6020A	ug/L	J
MB 180-142542/1-A	MB 180-142542/1-A	Calcium	13.9	69.5	139	SW846 6020A	ug/L	J
180-44321-22	HD-CW-17-0/1-0	Potassium	4900	24500	49000	SW846 6020A	ug/L	B
180-44321-28	HD-CW-18-0/1-0	Potassium	11000	55000	110000	SW846 6020A	ug/L	B
180-44321-23	HD-CW-20-0/1-0	Potassium	6000	30000	60000	SW846 6020A	ug/L	B
180-44321-29	HD-MW-50D-0/1-0	Potassium	2300	11500	23000	SW846 6020A	ug/L	B
180-44321-30	HD-MW-51S-0/1-0	Potassium	7700	38500	77000	SW846 6020A	ug/L	B
180-44321-24	HD-MW-95-0/1-0	Potassium	2700	13500	27000	SW846 6020A	ug/L	B
180-44321-26	HD-MW-96D-0/1-0	Potassium	4400	22000	44000	SW846 6020A	ug/L	B
180-44321-25	HD-MW-96S-0/1-0	Potassium	7000	35000	70000	SW846 6020A	ug/L	B
180-44321-27	HD-MW-97-0/1-0	Potassium	6400	32000	64000	SW846 6020A	ug/L	B
MB 180-142542/1-A	MB 180-142542/1-A	Potassium	8.13	40.65	81.3	SW846 6020A	ug/L	J
180-44321-20	HD-CW-13-0/1-0	1,1,1-Trichloroethane	17	85	170	SW846 8260C	ug/L	J
180-44321-27	HD-MW-97-0/1-0	1,1,1-Trichloroethane	11	55	110	SW846 8260C	ug/L	J
180-44321-18	HD-QC2-0/1-1	1,1,1-Trichloroethane				SW846 8260C	ug/L	U F1
180-44321-20	HD-CW-13-0/1-0	1,1-Dichloroethane	4.6	23	46	SW846 8260C	ug/L	J
180-44321-23	HD-CW-20-0/1-0	1,1-Dichloroethane	9.9	49.5	99	SW846 8260C	ug/L	J
180-44321-19	HD-CW-9-0/1-0	1,1-Dichloroethane	40	200	400	SW846 8260C	ug/L	J
180-44321-18	HD-QC2-0/1-1	1,1-Dichloroethane				SW846 8260C	ug/L	U F1
180-44321-20	HD-CW-13-0/1-0	1,1-Dichloroethene	10	50	100	SW846 8260C	ug/L	J
180-44321-22	HD-CW-17-0/1-0	1,1-Dichloroethene	1.4	7	14	SW846 8260C	ug/L	J
180-44321-28	HD-CW-18-0/1-0	1,1-Dichloroethene	0.80	4	8	SW846 8260C	ug/L	J
180-44321-19	HD-CW-9-0/1-0	1,1-Dichloroethene	54	270	540	SW846 8260C	ug/L	J
180-44321-30	HD-MW-51S-0/1-0	1,1-Dichloroethene	46	230	460	SW846 8260C	ug/L	J
180-44321-26	HD-MW-96D-0/1-0	1,1-Dichloroethene	3.5	17.5	35	SW846 8260C	ug/L	J

Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
180-44321-25	HD-MW-96S-0/1-0	1,1-Dichloroethene	0.38	1.9	3.8	SW846 8260C	ug/L	J
180-44321-27	HD-MW-97-0/1-0	1,1-Dichloroethene	8.6	43	86	SW846 8260C	ug/L	J
180-44321-18	HD-QC2-0/1-1	1,1-Dichloroethene				SW846 8260C	ug/L	U F1
180-44321-1	HD-COD-SW-6-0/1-0	1,1-Dichloroethene				SW846 8260C	ug/L	U F1 F2
180-44321-33	HD-QC1-0/1-3	2-Butanone (MEK)	1.7	8.5	17	SW846 8260C	ug/L	J
180-44321-32	HD-QC1-0/1-4	2-Butanone (MEK)	2.2	11	22	SW846 8260C	ug/L	J
180-44321-32	HD-QC1-0/1-4	Acetone	2.6	13	26	SW846 8260C	ug/L	J
180-44321-18	HD-QC2-0/1-1	Acetone				SW846 8260C	ug/L	U F1
180-44321-1	HD-COD-SW-6-0/1-0	Acetone				SW846 8260C	ug/L	U F2
180-44321-18	HD-QC2-0/1-1	Carbon disulfide				SW846 8260C	ug/L	U F1
180-44321-1	HD-COD-SW-6-0/1-0	Carbon tetrachloride				SW846 8260C	ug/L	U F2
180-44321-14	HD-COD-SW-27-0/1-0	Chloroform	0.75	3.75	7.5	SW846 8260C	ug/L	J
180-44321-21	HD-CW-15A-0/1-0	Chloromethane				SW846 8260C	ug/L	U *
180-44321-22	HD-CW-17-0/1-0	Chloromethane				SW846 8260C	ug/L	U *
180-44321-23	HD-CW-20-0/1-0	Chloromethane				SW846 8260C	ug/L	U *
180-44321-26	HD-MW-96D-0/1-0	Chloromethane				SW846 8260C	ug/L	U *
180-44321-25	HD-MW-96S-0/1-0	Chloromethane				SW846 8260C	ug/L	U *
180-44321-18	HD-QC2-0/1-1	Chloromethane				SW846 8260C	ug/L	U *
180-44321-1	HD-COD-SW-6-0/1-0	Chloromethane				SW846 8260C	ug/L	U F2
180-44321-11	HD-COD-SW-17-0/1-0	cis-1,2-Dichloroethene	0.98	4.9	9.8	SW846 8260C	ug/L	J
180-44321-1	HD-COD-SW-6-0/1-0	cis-1,3-Dichloropropene				SW846 8260C	ug/L	U F1
180-44321-5	HD-COD-SW-10-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-6	HD-COD-SW-11-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-7	HD-COD-SW-12-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-9	HD-COD-SW-15-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-10	HD-COD-SW-16-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-11	HD-COD-SW-17-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-12	HD-COD-SW-20-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-3	HD-COD-SW-8-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-4	HD-COD-SW-9-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U *
180-44321-1	HD-COD-SW-6-0/1-0	Methyl tert-butyl ether				SW846 8260C	ug/L	U * F1
180-44321-18	HD-QC2-0/1-1	Methyl tert-butyl ether				SW846 8260C	ug/L	U F1
180-44321-17	HD-QC3-0/1-2	Methylene Chloride	1.0	5	10	SW846 8260C	ug/L	B
MB 180-143153/7	MB 180-143153/7	Methylene Chloride	0.156	0.78	1.56	SW846 8260C	ug/L	J
MB 180-143337/4	MB 180-143337/4	Methylene Chloride	0.405	2.025	4.05	SW846 8260C	ug/L	J
180-44321-16	HD-COD-SW-29-0/1-0	Methylene Chloride	0.20	1	2	SW846 8260C	ug/L	J B
180-44321-1	HD-COD-SW-6-0/1-0	Methylene Chloride	0.32	1.6	3.2	SW846 8260C	ug/L	J B
180-44321-3	HD-COD-SW-8-0/1-0	Methylene Chloride	0.31	1.55	3.1	SW846 8260C	ug/L	J B
180-44321-4	HD-COD-SW-9-0/1-0	Methylene Chloride	0.26	1.3	2.6	SW846 8260C	ug/L	J B

Sample ID	Sample	Analyte	Result	5x	10x	Method	Units	Qual
180-44321-20	HD-CW-13-0/1-0	Methylene Chloride	24	120	240	SW846 8260C	ug/L	J B
180-44321-23	HD-CW-20-0/1-0	Methylene Chloride	48	240	480	SW846 8260C	ug/L	J B
180-44321-19	HD-CW-9-0/1-0	Methylene Chloride	110	550	1100	SW846 8260C	ug/L	J B
180-44321-29	HD-MW-50D-0/1-0	Methylene Chloride	110	550	1100	SW846 8260C	ug/L	J B
180-44321-30	HD-MW-51S-0/1-0	Methylene Chloride	24	120	240	SW846 8260C	ug/L	J B
180-44321-24	HD-MW-95-0/1-0	Methylene Chloride	0.58	2.9	5.8	SW846 8260C	ug/L	J B
180-44321-25	HD-MW-96S-0/1-0	Methylene Chloride	4.6	23	46	SW846 8260C	ug/L	J B
180-44321-27	HD-MW-97-0/1-0	Methylene Chloride	23	115	230	SW846 8260C	ug/L	J B
180-44321-16	HD-COD-SW-29-0/1-0	Tetrachloroethene	0.17	0.85	1.7	SW846 8260C	ug/L	J
180-44321-28	HD-CW-18-0/1-0	Tetrachloroethene	0.34	1.7	3.4	SW846 8260C	ug/L	J
180-44321-1	HD-COD-SW-6-0/1-0	Tetrachloroethene				SW846 8260C	ug/L	U F1
180-44321-23	HD-CW-20-0/1-0	Trichloroethene	290	1450	2900	SW846 8260C	ug/L	E
180-44321-24	HD-MW-95-0/1-0	Trichloroethene	2.8	14	28	SW846 8260C	ug/L	F1
180-44321-11	HD-COD-SW-17-0/1-0	Trichloroethene	0.94	4.7	9.4	SW846 8260C	ug/L	J
180-44321-16	HD-COD-SW-29-0/1-0	Trichloroethene	0.16	0.8	1.6	SW846 8260C	ug/L	J
180-44321-29	HD-MW-50D-0/1-0	Vinyl chloride	40	200	400	SW846 8260C	ug/L	J
180-44321-1	HD-COD-SW-6-0/1-0	Vinyl chloride				SW846 8260C	ug/L	U F1 F2