

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LADP-3	316	09/08/16	WG	Dissolved Oxygen	9.11	mg/L	CALA-16-124846
LADP-3	316	03/02/16	WG	Dissolved Oxygen	9	mg/L	CALA-16-110552
LADP-3	316	08/30/12	WG	Dissolved Oxygen	8.92	mg/L	CALA-12-22815
LADP-3	316	03/07/11	WG	Dissolved Oxygen	8.31	mg/L	CALA-11-5094
LADP-3	316	08/20/10	WG	Dissolved Oxygen	11.7	mg/L	CALA-10-24991
LADP-3	316	01/07/10	WG	Dissolved Oxygen	5.01	mg/L	CALA-10-9163
LADP-3	316	09/08/16	WG	Oxidation-Reduction Potential	286.7	mV	CALA-16-124846
LADP-3	316	03/02/16	WG	Oxidation-Reduction Potential	805	mV	CALA-16-110552
LADP-3	316	08/30/12	WG	Oxidation-Reduction Potential	42.5	mV	CALA-12-22815
LADP-3	316	03/07/11	WG	Oxidation-Reduction Potential	172.5	mV	CALA-11-5094
LADP-3	316	08/20/10	WG	Oxidation-Reduction Potential	460.1	mV	CALA-10-24991
LADP-3	316	01/07/10	WG	Oxidation-Reduction Potential	366.2	mV	CALA-10-9163
LADP-3	316	09/08/16	WG	pH	7.21	SU	CALA-16-124846
LADP-3	316	03/02/16	WG	pH	7.86	SU	CALA-16-110552
LADP-3	316	08/30/12	WG	pH	10.52	SU	CALA-12-22815
LADP-3	316	03/07/11	WG	pH	6.87	SU	CALA-11-5094
LADP-3	316	08/20/10	WG	pH	6.49	SU	CALA-10-24991
LADP-3	316	01/07/10	WG	pH	6.33	SU	CALA-10-9163
LADP-3	316	09/08/16	WG	Specific Conductance	54.5	uS/cm	CALA-16-124846
LADP-3	316	03/02/16	WG	Specific Conductance	81	uS/cm	CALA-16-110552
LADP-3	316	08/30/12	WG	Specific Conductance	93	uS/cm	CALA-12-22815
LADP-3	316	03/07/11	WG	Specific Conductance	159	uS/cm	CALA-11-5094
LADP-3	316	08/20/10	WG	Specific Conductance	223	uS/cm	CALA-10-24991
LADP-3	316	01/07/10	WG	Specific Conductance	230	uS/cm	CALA-10-9163
LADP-3	316	09/08/16	WG	Temperature	12.1	deg C	CALA-16-124846
LADP-3	316	03/02/16	WG	Temperature	10.28	deg C	CALA-16-110552
LADP-3	316	08/30/12	WG	Temperature	11.22	deg C	CALA-12-22815
LADP-3	316	03/07/11	WG	Temperature	9.65	deg C	CALA-11-5094
LADP-3	316	08/20/10	WG	Temperature	10.72	deg C	CALA-10-24991
LADP-3	316	01/07/10	WG	Temperature	9.35	deg C	CALA-10-9163

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Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LADP-3	316	09/08/16	WG	Turbidity	96	NTU	CALA-16-124846
LADP-3	316	03/02/16	WG	Turbidity	133.3	NTU	CALA-16-110552
LADP-3	316	08/30/12	WG	Turbidity	2.75	NTU	CALA-12-22815
LADP-3	316	08/20/10	WG	Turbidity	0.69	NTU	CALA-10-24991
LADP-3	316	01/07/10	WG	Turbidity	1.12	NTU	CALA-10-9163
LADP-3	316	07/15/09	WG	Turbidity	0.97	NTU	CALA-09-11129
LAOI(a)-1.1	295.2	08/25/16	WG	Dissolved Oxygen	8.87	mg/L	CALA-16-124847
LAOI(a)-1.1	295.2	09/15/15	WG	Dissolved Oxygen	9.19	mg/L	CALA-15-103977
LAOI(a)-1.1	295.2	09/02/14	WG	Dissolved Oxygen	9.41	mg/L	CALA-14-86010
LAOI(a)-1.1	295.2	08/15/13	WG	Dissolved Oxygen	9.37	mg/L	CALA-13-39185
LAOI(a)-1.1	295.2	09/04/12	WG	Dissolved Oxygen	9.82	mg/L	CALA-12-22816
LAOI(a)-1.1	295.2	08/25/16	WG	Flow (in gpm)	0.88	GPM	CALA-16-124847
LAOI(a)-1.1	295.2	09/15/15	WG	Flow (in gpm)	0.55	GPM	CALA-15-103977
LAOI(a)-1.1	295.2	09/02/14	WG	Flow (in gpm)	0.85	GPM	CALA-14-86010
LAOI(a)-1.1	295.2	03/08/11	WG	Flow (in gpm)	0.4	GPM	CALA-11-5112
LAOI(a)-1.1	295.2	08/19/10	WG	Flow (in gpm)	0.7	GPM	CALA-10-25215
LAOI(a)-1.1	295.2	08/25/16	WG	Oxidation-Reduction Potential	216.7	mV	CALA-16-124847
LAOI(a)-1.1	295.2	09/15/15	WG	Oxidation-Reduction Potential	178.7	mV	CALA-15-103977
LAOI(a)-1.1	295.2	09/02/14	WG	Oxidation-Reduction Potential	167.1	mV	CALA-14-86010
LAOI(a)-1.1	295.2	08/15/13	WG	Oxidation-Reduction Potential	184.1	mV	CALA-13-39185
LAOI(a)-1.1	295.2	09/04/12	WG	Oxidation-Reduction Potential	230	mV	CALA-12-22816
LAOI(a)-1.1	295.2	08/25/16	WG	pH	6.92	SU	CALA-16-124847
LAOI(a)-1.1	295.2	09/15/15	WG	pH	7.24	SU	CALA-15-103977
LAOI(a)-1.1	295.2	09/02/14	WG	pH	6.68	SU	CALA-14-86010
LAOI(a)-1.1	295.2	08/15/13	WG	pH	6.77	SU	CALA-13-39185
LAOI(a)-1.1	295.2	09/04/12	WG	pH	6.8	SU	CALA-12-22816
LAOI(a)-1.1	295.2	08/25/16	WG	Specific Conductance	105	uS/cm	CALA-16-124847
LAOI(a)-1.1	295.2	09/15/15	WG	Specific Conductance	117	uS/cm	CALA-15-103977
LAOI(a)-1.1	295.2	09/02/14	WG	Specific Conductance	106	uS/cm	CALA-14-86010
LAOI(a)-1.1	295.2	08/15/13	WG	Specific Conductance	99	uS/cm	CALA-13-39185

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI(a)-1.1	295.2	09/04/12	WG	Specific Conductance	94	uS/cm	CALA-12-22816
LAOI(a)-1.1	295.2	08/25/16	WG	Temperature	10.1	deg C	CALA-16-124847
LAOI(a)-1.1	295.2	09/15/15	WG	Temperature	11.92	deg C	CALA-15-103977
LAOI(a)-1.1	295.2	09/02/14	WG	Temperature	9.97	deg C	CALA-14-86010
LAOI(a)-1.1	295.2	08/15/13	WG	Temperature	10.02	deg C	CALA-13-39185
LAOI(a)-1.1	295.2	09/04/12	WG	Temperature	9.65	deg C	CALA-12-22816
LAOI(a)-1.1	295.2	08/25/16	WG	Turbidity	34.3	NTU	CALA-16-124847
LAOI(a)-1.1	295.2	09/15/15	WG	Turbidity	25.1	NTU	CALA-15-103977
LAOI(a)-1.1	295.2	09/02/14	WG	Turbidity	91.2	NTU	CALA-14-86010
LAOI(a)-1.1	295.2	08/15/13	WG	Turbidity	146.6	NTU	CALA-13-39185
LAOI(a)-1.1	295.2	09/04/12	WG	Turbidity	51.2	NTU	CALA-12-22816
LAOI-3.2	153.3	08/24/16	WG	Dissolved Oxygen	11.33	mg/L	CALA-16-124848
LAOI-3.2	153.3	09/18/15	WG	Dissolved Oxygen	10.14	mg/L	CALA-15-103978
LAOI-3.2	153.3	09/03/14	WG	Dissolved Oxygen	12.2	mg/L	CALA-14-86011
LAOI-3.2	153.3	08/13/13	WG	Dissolved Oxygen	11.3	mg/L	CALA-13-39186
LAOI-3.2	153.3	12/21/12	WG	Dissolved Oxygen	10.94	mg/L	CALA-13-24752
LAOI-3.2	153.3	08/24/16	WG	Flow (in gpm)	0.09	GPM	CALA-16-124848
LAOI-3.2	153.3	09/18/15	WG	Flow (in gpm)	0.09	GPM	CALA-15-103978
LAOI-3.2	153.3	09/03/14	WG	Flow (in gpm)	0.11	GPM	CALA-14-86011
LAOI-3.2	153.3	03/22/11	WG	Flow (in gpm)	0.2	GPM	CALA-11-5115
LAOI-3.2	153.3	08/23/10	WG	Flow (in gpm)	0.17	GPM	CALA-10-25220
LAOI-3.2	153.3	08/24/16	WG	Oxidation-Reduction Potential	288.8	mV	CALA-16-124848
LAOI-3.2	153.3	09/18/15	WG	Oxidation-Reduction Potential	198.3	mV	CALA-15-103978
LAOI-3.2	153.3	09/03/14	WG	Oxidation-Reduction Potential	174.5	mV	CALA-14-86011
LAOI-3.2	153.3	08/13/13	WG	Oxidation-Reduction Potential	201.6	mV	CALA-13-39186
LAOI-3.2	153.3	12/21/12	WG	Oxidation-Reduction Potential	121.7	mV	CALA-13-24752
LAOI-3.2	153.3	08/24/16	WG	pH	6.57	SU	CALA-16-124848
LAOI-3.2	153.3	09/18/15	WG	pH	6.46	SU	CALA-15-103978
LAOI-3.2	153.3	09/03/14	WG	pH	6.55	SU	CALA-14-86011
LAOI-3.2	153.3	08/13/13	WG	pH	6.5	SU	CALA-13-39186

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Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-3.2	153.3	12/21/12	WG	pH	6.59	SU	CALA-13-24752
LAOI-3.2	153.3	08/24/16	WG	Specific Conductance	281	uS/cm	CALA-16-124848
LAOI-3.2	153.3	09/18/15	WG	Specific Conductance	293	uS/cm	CALA-15-103978
LAOI-3.2	153.3	09/03/14	WG	Specific Conductance	261	uS/cm	CALA-14-86011
LAOI-3.2	153.3	08/13/13	WG	Specific Conductance	283	uS/cm	CALA-13-39186
LAOI-3.2	153.3	12/21/12	WG	Specific Conductance	265	uS/cm	CALA-13-24752
LAOI-3.2	153.3	08/24/16	WG	Temperature	12.2	deg C	CALA-16-124848
LAOI-3.2	153.3	09/18/15	WG	Temperature	12.88	deg C	CALA-15-103978
LAOI-3.2	153.3	09/03/14	WG	Temperature	12.61	deg C	CALA-14-86011
LAOI-3.2	153.3	08/13/13	WG	Temperature	12.2	deg C	CALA-13-39186
LAOI-3.2	153.3	12/21/12	WG	Temperature	10.61	deg C	CALA-13-24752
LAOI-3.2	153.3	08/24/16	WG	Turbidity	1.04	NTU	CALA-16-124848
LAOI-3.2	153.3	09/18/15	WG	Turbidity	0.5	NTU	CALA-15-103978
LAOI-3.2	153.3	09/03/14	WG	Turbidity	1.47	NTU	CALA-14-86011
LAOI-3.2	153.3	08/13/13	WG	Turbidity	0.7	NTU	CALA-13-39186
LAOI-3.2	153.3	12/21/12	WG	Turbidity	0.73	NTU	CALA-13-24752
LAOI-3.2a	181.4	08/30/16	WG	Dissolved Oxygen	8.82	mg/L	CALA-16-124849
LAOI-3.2a	181.4	09/17/15	WG	Dissolved Oxygen	8.82	mg/L	CALA-15-103979
LAOI-3.2a	181.4	09/04/14	WG	Dissolved Oxygen	8.83	mg/L	CALA-14-86012
LAOI-3.2a	181.4	08/14/13	WG	Dissolved Oxygen	8.78	mg/L	CALA-13-39205
LAOI-3.2a	181.4	09/13/12	WG	Dissolved Oxygen	9.23	mg/L	CALA-12-22818
LAOI-3.2a	181.4	08/30/16	WG	Flow (in gpm)	0.59	GPM	CALA-16-124849
LAOI-3.2a	181.4	09/17/15	WG	Flow (in gpm)	0.69	GPM	CALA-15-103979
LAOI-3.2a	181.4	09/04/14	WG	Flow (in gpm)	0.75	GPM	CALA-14-86012
LAOI-3.2a	181.4	03/22/11	WG	Flow (in gpm)	0.8	GPM	CALA-11-5159
LAOI-3.2a	181.4	08/20/10	WG	Flow (in gpm)	1	GPM	CALA-10-25221
LAOI-3.2a	181.4	08/30/16	WG	Oxidation-Reduction Potential	202.5	mV	CALA-16-124849
LAOI-3.2a	181.4	09/17/15	WG	Oxidation-Reduction Potential	192	mV	CALA-15-103979
LAOI-3.2a	181.4	09/04/14	WG	Oxidation-Reduction Potential	237.4	mV	CALA-14-86012
LAOI-3.2a	181.4	08/14/13	WG	Oxidation-Reduction Potential	192.6	mV	CALA-13-39205

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Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-3.2a	181.4	09/13/12	WG	Oxidation-Reduction Potential	164.5	mV	CALA-12-22818
LAOI-3.2a	181.4	08/30/16	WG	pH	6.7	SU	CALA-16-124849
LAOI-3.2a	181.4	09/17/15	WG	pH	6.42	SU	CALA-15-103979
LAOI-3.2a	181.4	09/04/14	WG	pH	6.26	SU	CALA-14-86012
LAOI-3.2a	181.4	08/14/13	WG	pH	6.61	SU	CALA-13-39205
LAOI-3.2a	181.4	09/13/12	WG	pH	6.71	SU	CALA-12-22818
LAOI-3.2a	181.4	08/30/16	WG	Specific Conductance	272.9	uS/cm	CALA-16-124849
LAOI-3.2a	181.4	09/17/15	WG	Specific Conductance	278	uS/cm	CALA-15-103979
LAOI-3.2a	181.4	09/04/14	WG	Specific Conductance	276	uS/cm	CALA-14-86012
LAOI-3.2a	181.4	08/14/13	WG	Specific Conductance	273	uS/cm	CALA-13-39205
LAOI-3.2a	181.4	09/13/12	WG	Specific Conductance	271	uS/cm	CALA-12-22818
LAOI-3.2a	181.4	08/30/16	WG	Temperature	12.5	deg C	CALA-16-124849
LAOI-3.2a	181.4	09/17/15	WG	Temperature	13.22	deg C	CALA-15-103979
LAOI-3.2a	181.4	09/04/14	WG	Temperature	12	deg C	CALA-14-86012
LAOI-3.2a	181.4	08/14/13	WG	Temperature	12.17	deg C	CALA-13-39205
LAOI-3.2a	181.4	09/13/12	WG	Temperature	11.82	deg C	CALA-12-22818
LAOI-3.2a	181.4	08/30/16	WG	Turbidity	0.7	NTU	CALA-16-124849
LAOI-3.2a	181.4	09/17/15	WG	Turbidity	0.5	NTU	CALA-15-103979
LAOI-3.2a	181.4	09/04/14	WG	Turbidity	0.39	NTU	CALA-14-86012
LAOI-3.2a	181.4	08/14/13	WG	Turbidity	0.32	NTU	CALA-13-39205
LAOI-3.2a	181.4	09/13/12	WG	Turbidity	0.27	NTU	CALA-12-22818
LAOI-7	240	08/31/16	WG	Dissolved Oxygen	7.79	mg/L	CALA-16-124850
LAOI-7	240	09/11/14	WG	Dissolved Oxygen	7.88	mg/L	CALA-14-86013
LAOI-7	240	08/08/13	WG	Dissolved Oxygen	7.99	mg/L	CALA-13-39188
LAOI-7	240	09/11/12	WG	Dissolved Oxygen	8.07	mg/L	CALA-12-22894
LAOI-7	240	03/10/11	WG	Dissolved Oxygen	7.97	mg/L	CALA-11-5160
LAOI-7	240	08/31/16	WG	Flow (in gpm)	1.2	GPM	CALA-16-124850
LAOI-7	240	09/11/14	WG	Flow (in gpm)	1.86	GPM	CALA-14-86013
LAOI-7	240	03/10/11	WG	Flow (in gpm)	3.3	GPM	CALA-11-5160
LAOI-7	240	08/26/10	WG	Flow (in gpm)	3.3	GPM	CALA-10-25225

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Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-7	240	01/14/10	WG	Flow (in gpm)	3	GPM	CALA-10-9165
LAOI-7	240	08/31/16	WG	Oxidation-Reduction Potential	34.6	mV	CALA-16-124850
LAOI-7	240	09/11/14	WG	Oxidation-Reduction Potential	75.4	mV	CALA-14-86013
LAOI-7	240	08/08/13	WG	Oxidation-Reduction Potential	156.5	mV	CALA-13-39188
LAOI-7	240	09/11/12	WG	Oxidation-Reduction Potential	56.8	mV	CALA-12-22894
LAOI-7	240	03/10/11	WG	Oxidation-Reduction Potential	43.5	mV	CALA-11-5160
LAOI-7	240	08/31/16	WG	pH	7.09	SU	CALA-16-124850
LAOI-7	240	09/11/14	WG	pH	7.24	SU	CALA-14-86013
LAOI-7	240	08/08/13	WG	pH	7.23	SU	CALA-13-39188
LAOI-7	240	09/11/12	WG	pH	7.13	SU	CALA-12-22894
LAOI-7	240	03/10/11	WG	pH	7.22	SU	CALA-11-5160
LAOI-7	240	08/31/16	WG	Specific Conductance	202.5	uS/cm	CALA-16-124850
LAOI-7	240	09/11/14	WG	Specific Conductance	202	uS/cm	CALA-14-86013
LAOI-7	240	08/08/13	WG	Specific Conductance	212	uS/cm	CALA-13-39188
LAOI-7	240	09/11/12	WG	Specific Conductance	218	uS/cm	CALA-12-22894
LAOI-7	240	03/10/11	WG	Specific Conductance	228	uS/cm	CALA-11-5160
LAOI-7	240	08/31/16	WG	Temperature	14.8	deg C	CALA-16-124850
LAOI-7	240	09/11/14	WG	Temperature	15.18	deg C	CALA-14-86013
LAOI-7	240	08/08/13	WG	Temperature	14.82	deg C	CALA-13-39188
LAOI-7	240	09/11/12	WG	Temperature	14.69	deg C	CALA-12-22894
LAOI-7	240	03/10/11	WG	Temperature	14.26	deg C	CALA-11-5160
LAOI-7	240	08/31/16	WG	Turbidity	3	NTU	CALA-16-124850
LAOI-7	240	09/11/14	WG	Turbidity	0.9	NTU	CALA-14-86013
LAOI-7	240	08/08/13	WG	Turbidity	2.2	NTU	CALA-13-39188
LAOI-7	240	09/11/12	WG	Turbidity	2.15	NTU	CALA-12-22894
LAOI-7	240	03/10/11	WG	Turbidity	1.4	NTU	CALA-11-5160
R-5 S2	372.8	08/23/16	WG	Dissolved Oxygen	8.17	mg/L	CALA-16-124851
R-5 S2	372.8	09/10/15	WG	Dissolved Oxygen	6.54	mg/L	CALA-15-103987
R-5 S2	372.8	08/14/13	WG	Dissolved Oxygen	5.7	mg/L	CALA-13-39189
R-5 S2	372.8	08/29/12	WG	Dissolved Oxygen	5.09	mg/L	CAPU-12-22843

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Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-5 S2	372.8	03/09/11	WG	Dissolved Oxygen	4.77	mg/L	CAPU-11-5283
R-5 S2	372.8	08/23/16	WG	pH	8.16	SU	CALA-16-124851
R-5 S2	372.8	09/10/15	WG	pH	8.34	SU	CALA-15-103987
R-5 S2	372.8	08/14/13	WG	pH	8.16	SU	CALA-13-39189
R-5 S2	372.8	08/29/12	WG	pH	8.81	SU	CAPU-12-22843
R-5 S2	372.8	03/09/11	WG	pH	8.16	SU	CAPU-11-5283
R-5 S2	372.8	08/23/16	WG	Specific Conductance	238.9	uS/cm	CALA-16-124851
R-5 S2	372.8	09/10/15	WG	Specific Conductance	265	uS/cm	CALA-15-103987
R-5 S2	372.8	08/14/13	WG	Specific Conductance	267	uS/cm	CALA-13-39189
R-5 S2	372.8	08/29/12	WG	Specific Conductance	226	uS/cm	CAPU-12-22843
R-5 S2	372.8	03/09/11	WG	Specific Conductance	262	uS/cm	CAPU-11-5283
R-5 S2	372.8	08/23/16	WG	Temperature	18.7	deg C	CALA-16-124851
R-5 S2	372.8	09/10/15	WG	Temperature	21.24	deg C	CALA-15-103987
R-5 S2	372.8	08/14/13	WG	Temperature	18.78	deg C	CALA-13-39189
R-5 S2	372.8	08/29/12	WG	Temperature	23.75	deg C	CAPU-12-22843
R-5 S2	372.8	03/09/11	WG	Temperature	19.93	deg C	CAPU-11-5283
R-5 S2	372.8	08/23/16	WG	Turbidity	6.2	NTU	CALA-16-124851
R-5 S2	372.8	09/10/15	WG	Turbidity	6.5	NTU	CALA-15-103987
R-5 S2	372.8	08/14/13	WG	Turbidity	4.3	NTU	CALA-13-39189
R-5 S2	372.8	08/29/12	WG	Turbidity	1.7	NTU	CAPU-12-22843
R-5 S2	372.8	03/09/11	WG	Turbidity	6	NTU	CAPU-11-5283
R-5 S3	676.9	08/24/16	WG	Dissolved Oxygen	5.33	mg/L	CALA-16-124852
R-5 S3	676.9	09/11/15	WG	Dissolved Oxygen	4.55	mg/L	CALA-15-103988
R-5 S3	676.9	08/14/13	WG	Dissolved Oxygen	6.81	mg/L	CALA-13-39190
R-5 S3	676.9	08/30/12	WG	Dissolved Oxygen	5.87	mg/L	CAPU-12-22841
R-5 S3	676.9	03/10/11	WG	Dissolved Oxygen	5.78	mg/L	CAPU-11-5301
R-5 S3	676.9	08/24/16	WG	pH	8.19	SU	CALA-16-124852
R-5 S3	676.9	09/11/15	WG	pH	8.19	SU	CALA-15-103988
R-5 S3	676.9	08/14/13	WG	pH	8.2	SU	CALA-13-39190
R-5 S3	676.9	08/30/12	WG	pH	7.27	SU	CAPU-12-22841

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-5 S3	676.9	03/10/11	WG	pH	7.94	SU	CAPU-11-5301
R-5 S3	676.9	08/24/16	WG	Specific Conductance	264.9	uS/cm	CALA-16-124852
R-5 S3	676.9	09/11/15	WG	Specific Conductance	265	uS/cm	CALA-15-103988
R-5 S3	676.9	08/14/13	WG	Specific Conductance	270	uS/cm	CALA-13-39190
R-5 S3	676.9	08/30/12	WG	Specific Conductance	258	uS/cm	CAPU-12-22841
R-5 S3	676.9	03/10/11	WG	Specific Conductance	264	uS/cm	CAPU-11-5301
R-5 S3	676.9	08/24/16	WG	Temperature	22.2	deg C	CALA-16-124852
R-5 S3	676.9	09/11/15	WG	Temperature	23.05	deg C	CALA-15-103988
R-5 S3	676.9	08/14/13	WG	Temperature	22.85	deg C	CALA-13-39190
R-5 S3	676.9	08/30/12	WG	Temperature	23.21	deg C	CAPU-12-22841
R-5 S3	676.9	03/10/11	WG	Temperature	21.29	deg C	CAPU-11-5301
R-5 S3	676.9	08/24/16	WG	Turbidity	0.4	NTU	CALA-16-124852
R-5 S3	676.9	09/11/15	WG	Turbidity	0.3	NTU	CALA-15-103988
R-5 S3	676.9	08/14/13	WG	Turbidity	4	NTU	CALA-13-39190
R-5 S3	676.9	08/30/12	WG	Turbidity	1.03	NTU	CAPU-12-22841
R-5 S3	676.9	03/10/11	WG	Turbidity	1.9	NTU	CAPU-11-5301
R-6	1205	08/23/16	WG	Dissolved Oxygen	5.43	mg/L	CALA-16-124853
R-6	1205	03/01/16	WG	Dissolved Oxygen	5.38	mg/L	CALA-16-110553
R-6	1205	09/09/15	WG	Dissolved Oxygen	4.73	mg/L	CALA-15-103989
R-6	1205	03/13/15	WG	Dissolved Oxygen	5.8	mg/L	CALA-15-92866
R-6	1205	09/12/14	WG	Dissolved Oxygen	5.62	mg/L	CALA-14-86014
R-6	1205	02/03/14	WG	Dissolved Oxygen	5.92	mg/L	CALA-14-54393
R-6	1205	08/23/16	WG	Flow (in gpm)	8.33	GPM	CALA-16-124853
R-6	1205	03/01/16	WG	Flow (in gpm)	8.5	GPM	CALA-16-110553
R-6	1205	09/09/15	WG	Flow (in gpm)	8.1	GPM	CALA-15-103989
R-6	1205	03/13/15	WG	Flow (in gpm)	8.57	GPM	CALA-15-92866
R-6	1205	09/12/14	WG	Flow (in gpm)	7.9	GPM	CALA-14-86014
R-6	1205	02/03/14	WG	Flow (in gpm)	8.6	GPM	CALA-14-54393
R-6	1205	08/23/16	WG	Oxidation-Reduction Potential	61	mV	CALA-16-124853
R-6	1205	03/01/16	WG	Oxidation-Reduction Potential	78.8	mV	CALA-16-110553

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-6	1205	09/09/15	WG	Oxidation-Reduction Potential	96	mV	CALA-15-103989
R-6	1205	03/13/15	WG	Oxidation-Reduction Potential	203.2	mV	CALA-15-92866
R-6	1205	09/12/14	WG	Oxidation-Reduction Potential	112.3	mV	CALA-14-86014
R-6	1205	02/03/14	WG	Oxidation-Reduction Potential	84.5	mV	CALA-14-54393
R-6	1205	08/23/16	WG	pH	8.19	SU	CALA-16-124853
R-6	1205	03/01/16	WG	pH	8.07	SU	CALA-16-110553
R-6	1205	09/09/15	WG	pH	8.05	SU	CALA-15-103989
R-6	1205	03/13/15	WG	pH	8.2	SU	CALA-15-92866
R-6	1205	09/12/14	WG	pH	8.24	SU	CALA-14-86014
R-6	1205	02/03/14	WG	pH	8.06	SU	CALA-14-54393
R-6	1205	08/23/16	WG	Specific Conductance	139.5	uS/cm	CALA-16-124853
R-6	1205	03/01/16	WG	Specific Conductance	144	uS/cm	CALA-16-110553
R-6	1205	09/09/15	WG	Specific Conductance	142	uS/cm	CALA-15-103989
R-6	1205	03/13/15	WG	Specific Conductance	142	uS/cm	CALA-15-92866
R-6	1205	09/12/14	WG	Specific Conductance	142	uS/cm	CALA-14-86014
R-6	1205	02/03/14	WG	Specific Conductance	142	uS/cm	CALA-14-54393
R-6	1205	08/23/16	WG	Temperature	22	deg C	CALA-16-124853
R-6	1205	03/01/16	WG	Temperature	21.8	deg C	CALA-16-110553
R-6	1205	09/09/15	WG	Temperature	22.68	deg C	CALA-15-103989
R-6	1205	03/13/15	WG	Temperature	22.25	deg C	CALA-15-92866
R-6	1205	09/12/14	WG	Temperature	22.77	deg C	CALA-14-86014
R-6	1205	02/03/14	WG	Temperature	20.04	deg C	CALA-14-54393
R-6	1205	08/23/16	WG	Turbidity	6.1	NTU	CALA-16-124853
R-6	1205	03/01/16	WG	Turbidity	0.1	NTU	CALA-16-110553
R-6	1205	09/09/15	WG	Turbidity	0.2	NTU	CALA-15-103989
R-6	1205	03/13/15	WG	Turbidity	0.39	NTU	CALA-15-92866
R-6	1205	09/12/14	WG	Turbidity	0.8	NTU	CALA-14-86014
R-6	1205	02/03/14	WG	Turbidity	0.7	NTU	CALA-14-54393
R-64	1285	08/29/16	WG	Dissolved Oxygen	5.94	mg/L	CALA-16-124854
R-64	1285	03/01/16	WG	Dissolved Oxygen	6.59	mg/L	CALA-16-110554

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-64	1285	09/10/15	WG	Dissolved Oxygen	6.34	mg/L	CALA-15-103990
R-64	1285	03/12/15	WG	Dissolved Oxygen	6.54	mg/L	CALA-15-92867
R-64	1285	09/02/14	WG	Dissolved Oxygen	6.62	mg/L	CALA-14-86015
R-64	1285	02/04/14	WG	Dissolved Oxygen	6.53	mg/L	CALA-14-54394
R-64	1285	08/29/16	WG	Flow (in gpm)	6.98	GPM	CALA-16-124854
R-64	1285	03/01/16	WG	Flow (in gpm)	7.5	GPM	CALA-16-110554
R-64	1285	09/10/15	WG	Flow (in gpm)	6.97	GPM	CALA-15-103990
R-64	1285	03/12/15	WG	Flow (in gpm)	7.1	GPM	CALA-15-92867
R-64	1285	09/02/14	WG	Flow (in gpm)	6.9	GPM	CALA-14-86015
R-64	1285	02/04/14	WG	Flow (in gpm)	7.3	GPM	CALA-14-54394
R-64	1285	08/29/16	WG	Oxidation-Reduction Potential	140.1	mV	CALA-16-124854
R-64	1285	03/01/16	WG	Oxidation-Reduction Potential	80.9	mV	CALA-16-110554
R-64	1285	09/10/15	WG	Oxidation-Reduction Potential	94.5	mV	CALA-15-103990
R-64	1285	03/12/15	WG	Oxidation-Reduction Potential	211	mV	CALA-15-92867
R-64	1285	09/02/14	WG	Oxidation-Reduction Potential	97.4	mV	CALA-14-86015
R-64	1285	02/04/14	WG	Oxidation-Reduction Potential	120.2	mV	CALA-14-54394
R-64	1285	08/29/16	WG	pH	8.32	SU	CALA-16-124854
R-64	1285	03/01/16	WG	pH	8.1	SU	CALA-16-110554
R-64	1285	09/10/15	WG	pH	8.25	SU	CALA-15-103990
R-64	1285	03/12/15	WG	pH	8.46	SU	CALA-15-92867
R-64	1285	09/02/14	WG	pH	8.38	SU	CALA-14-86015
R-64	1285	02/04/14	WG	pH	8.21	SU	CALA-14-54394
R-64	1285	08/29/16	WG	Specific Conductance	128.6	uS/cm	CALA-16-124854
R-64	1285	03/01/16	WG	Specific Conductance	128	uS/cm	CALA-16-110554
R-64	1285	09/10/15	WG	Specific Conductance	126	uS/cm	CALA-15-103990
R-64	1285	03/12/15	WG	Specific Conductance	128	uS/cm	CALA-15-92867
R-64	1285	09/02/14	WG	Specific Conductance	126	uS/cm	CALA-14-86015
R-64	1285	02/04/14	WG	Specific Conductance	128	uS/cm	CALA-14-54394
R-64	1285	08/29/16	WG	Temperature	20.4	deg C	CALA-16-124854
R-64	1285	03/01/16	WG	Temperature	17.42	deg C	CALA-16-110554

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-64	1285	09/10/15	WG	Temperature	19.28	deg C	CALA-15-103990
R-64	1285	03/12/15	WG	Temperature	18.58	deg C	CALA-15-92867
R-64	1285	09/02/14	WG	Temperature	19.54	deg C	CALA-14-86015
R-64	1285	02/04/14	WG	Temperature	18.07	deg C	CALA-14-54394
R-64	1285	08/29/16	WG	Turbidity	3.1	NTU	CALA-16-124854
R-64	1285	03/01/16	WG	Turbidity	1.5	NTU	CALA-16-110554
R-64	1285	09/10/15	WG	Turbidity	2	NTU	CALA-15-103990
R-64	1285	03/12/15	WG	Turbidity	1.8	NTU	CALA-15-92867
R-64	1285	09/02/14	WG	Turbidity	1.1	NTU	CALA-14-86015
R-64	1285	02/04/14	WG	Turbidity	2.9	NTU	CALA-14-54394
R-66	819.4	08/30/16	WG	Dissolved Oxygen	6.6	mg/L	CALA-16-124855
R-66	819.4	02/29/16	WG	Dissolved Oxygen	6.74	mg/L	CALA-16-110555
R-66	819.4	09/14/15	WG	Dissolved Oxygen	6.78	mg/L	CALA-15-103991
R-66	819.4	03/11/15	WG	Dissolved Oxygen	7.04	mg/L	CALA-15-92868
R-66	819.4	12/03/14	WG	Dissolved Oxygen	7	mg/L	CALA-15-90560
R-66	819.4	09/03/14	WG	Dissolved Oxygen	6.79	mg/L	CALA-14-86016
R-66	819.4	08/30/16	WG	Flow (in gpm)	5	GPM	CALA-16-124855
R-66	819.4	02/29/16	WG	Flow (in gpm)	5	GPM	CALA-16-110555
R-66	819.4	09/14/15	WG	Flow (in gpm)	4.9	GPM	CALA-15-103991
R-66	819.4	03/11/15	WG	Flow (in gpm)	5	GPM	CALA-15-92868
R-66	819.4	12/03/14	WG	Flow (in gpm)	5	GPM	CALA-15-90560
R-66	819.4	09/03/14	WG	Flow (in gpm)	5	GPM	CALA-14-86016
R-66	819.4	08/30/16	WG	Oxidation-Reduction Potential	178.1	mV	CALA-16-124855
R-66	819.4	02/29/16	WG	Oxidation-Reduction Potential	182.7	mV	CALA-16-110555
R-66	819.4	09/14/15	WG	Oxidation-Reduction Potential	185.6	mV	CALA-15-103991
R-66	819.4	03/11/15	WG	Oxidation-Reduction Potential	123.8	mV	CALA-15-92868
R-66	819.4	12/03/14	WG	Oxidation-Reduction Potential	158	mV	CALA-15-90560
R-66	819.4	09/03/14	WG	Oxidation-Reduction Potential	83.6	mV	CALA-14-86016
R-66	819.4	08/30/16	WG	pH	7.75	SU	CALA-16-124855
R-66	819.4	02/29/16	WG	pH	7.78	SU	CALA-16-110555

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-66	819.4	09/14/15	WG	pH	7.66	SU	CALA-15-103991
R-66	819.4	03/11/15	WG	pH	7.78	SU	CALA-15-92868
R-66	819.4	12/03/14	WG	pH	7.8	SU	CALA-15-90560
R-66	819.4	09/03/14	WG	pH	7.85	SU	CALA-14-86016
R-66	819.4	08/30/16	WG	Specific Conductance	192.2	uS/cm	CALA-16-124855
R-66	819.4	02/29/16	WG	Specific Conductance	196	uS/cm	CALA-16-110555
R-66	819.4	09/14/15	WG	Specific Conductance	192	uS/cm	CALA-15-103991
R-66	819.4	03/11/15	WG	Specific Conductance	203	uS/cm	CALA-15-92868
R-66	819.4	12/03/14	WG	Specific Conductance	193	uS/cm	CALA-15-90560
R-66	819.4	09/03/14	WG	Specific Conductance	193	uS/cm	CALA-14-86016
R-66	819.4	08/30/16	WG	Temperature	23.8	deg C	CALA-16-124855
R-66	819.4	02/29/16	WG	Temperature	23	deg C	CALA-16-110555
R-66	819.4	09/14/15	WG	Temperature	24.17	deg C	CALA-15-103991
R-66	819.4	03/11/15	WG	Temperature	23.84	deg C	CALA-15-92868
R-66	819.4	12/03/14	WG	Temperature	23.77	deg C	CALA-15-90560
R-66	819.4	09/03/14	WG	Temperature	24.56	deg C	CALA-14-86016
R-66	819.4	08/30/16	WG	Turbidity	0.42	NTU	CALA-16-124855
R-66	819.4	02/29/16	WG	Turbidity	0.5	NTU	CALA-16-110555
R-66	819.4	09/14/15	WG	Turbidity	0	NTU	CALA-15-103991
R-66	819.4	03/11/15	WG	Turbidity	1.43	NTU	CALA-15-92868
R-66	819.4	12/03/14	WG	Turbidity	0.6	NTU	CALA-15-90560
R-66	819.4	09/03/14	WG	Turbidity	0.6	NTU	CALA-14-86016
R-6i	602	08/23/16	WG	Dissolved Oxygen	7.3	mg/L	CALA-16-124856
R-6i	602	09/10/15	WG	Dissolved Oxygen	7.24	mg/L	CALA-15-103992
R-6i	602	09/04/14	WG	Dissolved Oxygen	6.94	mg/L	CALA-14-86017
R-6i	602	08/12/13	WG	Dissolved Oxygen	7.18	mg/L	CALA-13-39195
R-6i	602	08/27/12	WG	Dissolved Oxygen	7.31	mg/L	CALA-12-22822
R-6i	602	08/23/16	WG	Flow (in gpm)	3.9	GPM	CALA-16-124856
R-6i	602	09/10/15	WG	Flow (in gpm)	4.2	GPM	CALA-15-103992
R-6i	602	09/04/14	WG	Flow (in gpm)	4.1	GPM	CALA-14-86017

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-6i	602	03/17/11	WG	Flow (in gpm)	3.7	GPM	CALA-11-5165
R-6i	602	08/19/10	WG	Flow (in gpm)	4.3	GPM	CALA-10-25228
R-6i	602	08/23/16	WG	Oxidation-Reduction Potential	123.8	mV	CALA-16-124856
R-6i	602	09/10/15	WG	Oxidation-Reduction Potential	125.6	mV	CALA-15-103992
R-6i	602	09/04/14	WG	Oxidation-Reduction Potential	100.1	mV	CALA-14-86017
R-6i	602	08/12/13	WG	Oxidation-Reduction Potential	125.6	mV	CALA-13-39195
R-6i	602	08/27/12	WG	Oxidation-Reduction Potential	93.2	mV	CALA-12-22822
R-6i	602	08/23/16	WG	pH	7.47	SU	CALA-16-124856
R-6i	602	09/10/15	WG	pH	7.32	SU	CALA-15-103992
R-6i	602	09/04/14	WG	pH	7.53	SU	CALA-14-86017
R-6i	602	08/12/13	WG	pH	7.43	SU	CALA-13-39195
R-6i	602	08/27/12	WG	pH	7.31	SU	CALA-12-22822
R-6i	602	08/23/16	WG	Specific Conductance	232.5	uS/cm	CALA-16-124856
R-6i	602	09/10/15	WG	Specific Conductance	237	uS/cm	CALA-15-103992
R-6i	602	09/04/14	WG	Specific Conductance	241	uS/cm	CALA-14-86017
R-6i	602	08/12/13	WG	Specific Conductance	243	uS/cm	CALA-13-39195
R-6i	602	08/27/12	WG	Specific Conductance	240	uS/cm	CALA-12-22822
R-6i	602	08/23/16	WG	Temperature	17.8	deg C	CALA-16-124856
R-6i	602	09/10/15	WG	Temperature	18.17	deg C	CALA-15-103992
R-6i	602	09/04/14	WG	Temperature	17.78	deg C	CALA-14-86017
R-6i	602	08/12/13	WG	Temperature	17.72	deg C	CALA-13-39195
R-6i	602	08/27/12	WG	Temperature	17.31	deg C	CALA-12-22822
R-6i	602	08/23/16	WG	Turbidity	0.3	NTU	CALA-16-124856
R-6i	602	09/10/15	WG	Turbidity	0.2	NTU	CALA-15-103992
R-6i	602	09/04/14	WG	Turbidity	1.02	NTU	CALA-14-86017
R-6i	602	08/12/13	WG	Turbidity	0.8	NTU	CALA-13-39195
R-6i	602	08/27/12	WG	Turbidity	0.51	NTU	CALA-12-22822
R-8 S1	705.31	08/31/16	WG	Dissolved Oxygen	5.12	mg/L	CALA-16-124857
R-8 S1	705.31	09/24/15	WG	Dissolved Oxygen	5.03	mg/L	CALA-15-103993
R-8 S1	705.31	08/12/13	WG	Dissolved Oxygen	7.23	mg/L	CALA-13-39196

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-8 S1	705.31	09/04/12	WG	Dissolved Oxygen	6.3	mg/L	CALA-12-22895
R-8 S1	705.31	03/16/11	WG	Dissolved Oxygen	4.07	mg/L	CALA-11-5178
R-8 S1	705.31	08/31/16	WG	pH	8.42	SU	CALA-16-124857
R-8 S1	705.31	09/24/15	WG	pH	8.34	SU	CALA-15-103993
R-8 S1	705.31	08/12/13	WG	pH	8.34	SU	CALA-13-39196
R-8 S1	705.31	09/04/12	WG	pH	8.09	SU	CALA-12-22895
R-8 S1	705.31	03/16/11	WG	pH	8.42	SU	CALA-11-5178
R-8 S1	705.31	08/31/16	WG	Specific Conductance	149.1	uS/cm	CALA-16-124857
R-8 S1	705.31	09/24/15	WG	Specific Conductance	150	uS/cm	CALA-15-103993
R-8 S1	705.31	08/12/13	WG	Specific Conductance	158	uS/cm	CALA-13-39196
R-8 S1	705.31	09/04/12	WG	Specific Conductance	150	uS/cm	CALA-12-22895
R-8 S1	705.31	03/16/11	WG	Specific Conductance	168	uS/cm	CALA-11-5178
R-8 S1	705.31	08/31/16	WG	Temperature	22.3	deg C	CALA-16-124857
R-8 S1	705.31	09/24/15	WG	Temperature	21.89	deg C	CALA-15-103993
R-8 S1	705.31	08/12/13	WG	Temperature	20.79	deg C	CALA-13-39196
R-8 S1	705.31	09/04/12	WG	Temperature	23.05	deg C	CALA-12-22895
R-8 S1	705.31	03/16/11	WG	Temperature	20.74	deg C	CALA-11-5178
R-8 S1	705.31	08/31/16	WG	Turbidity	0	NTU	CALA-16-124857
R-8 S1	705.31	09/24/15	WG	Turbidity	4	NTU	CALA-15-103993
R-8 S1	705.31	08/12/13	WG	Turbidity	4.1	NTU	CALA-13-39196
R-8 S1	705.31	09/04/12	WG	Turbidity	0.68	NTU	CALA-12-22895
R-8 S1	705.31	03/16/11	WG	Turbidity	4.1	NTU	CALA-11-5178
R-8 S2	821	09/01/16	WG	Dissolved Oxygen	5.53	mg/L	CALA-16-124858
R-8 S2	821	09/25/15	WG	Dissolved Oxygen	5.23	mg/L	CALA-15-103994
R-8 S2	821	08/12/13	WG	Dissolved Oxygen	6.78	mg/L	CALA-13-39197
R-8 S2	821	09/05/12	WG	Dissolved Oxygen	4.81	mg/L	CALA-12-22896
R-8 S2	821	03/16/11	WG	Dissolved Oxygen	5.6	mg/L	CALA-11-5183
R-8 S2	821	09/01/16	WG	pH	8.85	SU	CALA-16-124858
R-8 S2	821	09/25/15	WG	pH	8.55	SU	CALA-15-103994
R-8 S2	821	08/12/13	WG	pH	8.68	SU	CALA-13-39197

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-8 S2	821	09/05/12	WG	pH	8.76	SU	CALA-12-22896
R-8 S2	821	03/16/11	WG	pH	8.82	SU	CALA-11-5183
R-8 S2	821	09/01/16	WG	Specific Conductance	174.1	uS/cm	CALA-16-124858
R-8 S2	821	09/25/15	WG	Specific Conductance	205	uS/cm	CALA-15-103994
R-8 S2	821	08/12/13	WG	Specific Conductance	202	uS/cm	CALA-13-39197
R-8 S2	821	09/05/12	WG	Specific Conductance	186	uS/cm	CALA-12-22896
R-8 S2	821	03/16/11	WG	Specific Conductance	200	uS/cm	CALA-11-5183
R-8 S2	821	09/01/16	WG	Temperature	22.9	deg C	CALA-16-124858
R-8 S2	821	09/25/15	WG	Temperature	22.9	deg C	CALA-15-103994
R-8 S2	821	08/12/13	WG	Temperature	22.01	deg C	CALA-13-39197
R-8 S2	821	09/05/12	WG	Temperature	21.62	deg C	CALA-12-22896
R-8 S2	821	03/16/11	WG	Temperature	21.93	deg C	CALA-11-5183
R-8 S2	821	09/01/16	WG	Turbidity	0.6	NTU	CALA-16-124858
R-8 S2	821	09/25/15	WG	Turbidity	3.2	NTU	CALA-15-103994
R-8 S2	821	08/12/13	WG	Turbidity	3.2	NTU	CALA-13-39197
R-8 S2	821	09/05/12	WG	Turbidity	0.84	NTU	CALA-12-22896
R-8 S2	821	03/16/11	WG	Turbidity	2.7	NTU	CALA-11-5183
R-9	683	08/25/16	WG	Dissolved Oxygen	5.67	mg/L	CALA-16-124859
R-9	683	09/16/15	WG	Dissolved Oxygen	5.94	mg/L	CALA-15-103995
R-9	683	09/05/14	WG	Dissolved Oxygen	5.69	mg/L	CALA-14-86018
R-9	683	08/06/13	WG	Dissolved Oxygen	5.62	mg/L	CALA-13-39198
R-9	683	09/06/12	WG	Dissolved Oxygen	5.62	mg/L	CALA-12-22897
R-9	683	08/25/16	WG	Flow (in gpm)	10	GPM	CALA-16-124859
R-9	683	09/16/15	WG	Flow (in gpm)	9.6	GPM	CALA-15-103995
R-9	683	09/05/14	WG	Flow (in gpm)	10	GPM	CALA-14-86018
R-9	683	03/07/11	WG	Flow (in gpm)	9.8	GPM	CALA-11-5175
R-9	683	03/07/11	WG	Flow (in gpm)	9.8	GPM	CALA-11-5176
R-9	683	07/13/09	WG	Flow (in gpm)	11	GPM	CALA-09-11165
R-9	683	08/25/16	WG	Oxidation-Reduction Potential	161.8	mV	CALA-16-124859
R-9	683	09/16/15	WG	Oxidation-Reduction Potential	128.7	mV	CALA-15-103995

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-9	683	09/05/14	WG	Oxidation-Reduction Potential	149.3	mV	CALA-14-86018
R-9	683	08/06/13	WG	Oxidation-Reduction Potential	158.9	mV	CALA-13-39198
R-9	683	09/06/12	WG	Oxidation-Reduction Potential	204.9	mV	CALA-12-22897
R-9	683	08/25/16	WG	pH	8.09	SU	CALA-16-124859
R-9	683	09/16/15	WG	pH	8.03	SU	CALA-15-103995
R-9	683	09/05/14	WG	pH	8.1	SU	CALA-14-86018
R-9	683	08/06/13	WG	pH	8.05	SU	CALA-13-39198
R-9	683	09/06/12	WG	pH	8.06	SU	CALA-12-22897
R-9	683	08/25/16	WG	Specific Conductance	253.5	uS/cm	CALA-16-124859
R-9	683	09/16/15	WG	Specific Conductance	253	uS/cm	CALA-15-103995
R-9	683	09/05/14	WG	Specific Conductance	256	uS/cm	CALA-14-86018
R-9	683	08/06/13	WG	Specific Conductance	257	uS/cm	CALA-13-39198
R-9	683	09/06/12	WG	Specific Conductance	254	uS/cm	CALA-12-22897
R-9	683	08/25/16	WG	Temperature	22.5	deg C	CALA-16-124859
R-9	683	09/16/15	WG	Temperature	22.67	deg C	CALA-15-103995
R-9	683	09/05/14	WG	Temperature	22.74	deg C	CALA-14-86018
R-9	683	08/06/13	WG	Temperature	22.73	deg C	CALA-13-39198
R-9	683	09/06/12	WG	Temperature	22.19	deg C	CALA-12-22897
R-9	683	08/25/16	WG	Turbidity	0.39	NTU	CALA-16-124859
R-9	683	09/16/15	WG	Turbidity	1.28	NTU	CALA-15-103995
R-9	683	09/05/14	WG	Turbidity	0.35	NTU	CALA-14-86018
R-9	683	08/06/13	WG	Turbidity	0.4	NTU	CALA-13-39198
R-9	683	09/06/12	WG	Turbidity	0.48	NTU	CALA-12-22897
R-9i S1	189.1	09/07/16	WG	Dissolved Oxygen	6.91	mg/L	CALA-16-124860
R-9i S1	189.1	09/21/15	WG	Dissolved Oxygen	6.91	mg/L	CALA-15-103996
R-9i S1	189.1	08/08/13	WG	Dissolved Oxygen	5.51	mg/L	CALA-13-39217
R-9i S1	189.1	09/06/12	WG	Dissolved Oxygen	4.82	mg/L	CALA-12-22898
R-9i S1	189.1	03/17/11	WG	Dissolved Oxygen	4.49	mg/L	CALA-11-5106
R-9i S1	189.1	09/07/16	WG	pH	7.49	SU	CALA-16-124860
R-9i S1	189.1	09/21/15	WG	pH	7.74	SU	CALA-15-103996

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-9i S1	189.1	08/08/13	WG	pH	7.63	SU	CALA-13-39217
R-9i S1	189.1	09/06/12	WG	pH	7.18	SU	CALA-12-22898
R-9i S1	189.1	03/17/11	WG	pH	7.75	SU	CALA-11-5106
R-9i S1	189.1	09/07/16	WG	Specific Conductance	321.7	uS/cm	CALA-16-124860
R-9i S1	189.1	09/21/15	WG	Specific Conductance	334	uS/cm	CALA-15-103996
R-9i S1	189.1	08/08/13	WG	Specific Conductance	317	uS/cm	CALA-13-39217
R-9i S1	189.1	09/06/12	WG	Specific Conductance	328	uS/cm	CALA-12-22898
R-9i S1	189.1	03/17/11	WG	Specific Conductance	327	uS/cm	CALA-11-5106
R-9i S1	189.1	09/07/16	WG	Temperature	13.9	deg C	CALA-16-124860
R-9i S1	189.1	09/21/15	WG	Temperature	14.18	deg C	CALA-15-103996
R-9i S1	189.1	08/08/13	WG	Temperature	15.35	deg C	CALA-13-39217
R-9i S1	189.1	09/06/12	WG	Temperature	17.46	deg C	CALA-12-22898
R-9i S1	189.1	03/17/11	WG	Temperature	16.15	deg C	CALA-11-5106
R-9i S1	189.1	09/07/16	WG	Turbidity	0.5	NTU	CALA-16-124860
R-9i S1	189.1	09/21/15	WG	Turbidity	4.7	NTU	CALA-15-103996
R-9i S1	189.1	08/08/13	WG	Turbidity	4.9	NTU	CALA-13-39217
R-9i S1	189.1	09/06/12	WG	Turbidity	3.02	NTU	CALA-12-22898
R-9i S1	189.1	03/17/11	WG	Turbidity	3.7	NTU	CALA-11-5106
TA-53i	600	08/22/16	WG	Dissolved Oxygen	7.9	mg/L	CALA-16-124861
TA-53i	600	09/08/15	WG	Dissolved Oxygen	7.6	mg/L	CALA-15-103997
TA-53i	600	09/10/14	WG	Dissolved Oxygen	7.44	mg/L	CALA-14-86019
TA-53i	600	08/09/13	WG	Dissolved Oxygen	7.81	mg/L	CALA-13-39201
TA-53i	600	08/27/12	WG	Dissolved Oxygen	7.92	mg/L	CALA-12-22823
TA-53i	600	08/22/16	WG	Flow (in gpm)	3.06	GPM	CALA-16-124861
TA-53i	600	09/08/15	WG	Flow (in gpm)	3.26	GPM	CALA-15-103997
TA-53i	600	09/10/14	WG	Flow (in gpm)	2.94	GPM	CALA-14-86019
TA-53i	600	03/18/11	WG	Flow (in gpm)	2.75	GPM	CALA-11-5168
TA-53i	600	08/25/10	WG	Flow (in gpm)	2.4	GPM	CALA-10-25207
TA-53i	600	08/22/16	WG	Oxidation-Reduction Potential	102.5	mV	CALA-16-124861
TA-53i	600	09/08/15	WG	Oxidation-Reduction Potential	7.9	mV	CALA-15-103997

Table A-1 TA-21 Monitoring Group Field Parameter Results, Including Results from Previous Four Monitoring Events if Available

Location	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
TA-53i	600	09/10/14	WG	Oxidation-Reduction Potential	52.7	mV	CALA-14-86019
TA-53i	600	08/09/13	WG	Oxidation-Reduction Potential	45.1	mV	CALA-13-39201
TA-53i	600	08/27/12	WG	Oxidation-Reduction Potential	-65.2	mV	CALA-12-22823
TA-53i	600	08/22/16	WG	pH	6.93	SU	CALA-16-124861
TA-53i	600	09/08/15	WG	pH	6.77	SU	CALA-15-103997
TA-53i	600	09/10/14	WG	pH	7.12	SU	CALA-14-86019
TA-53i	600	08/09/13	WG	pH	6.92	SU	CALA-13-39201
TA-53i	600	08/27/12	WG	pH	9.3	SU	CALA-12-22823
TA-53i	600	08/22/16	WG	Specific Conductance	382.1	uS/cm	CALA-16-124861
TA-53i	600	09/08/15	WG	Specific Conductance	371	uS/cm	CALA-15-103997
TA-53i	600	09/10/14	WG	Specific Conductance	369	uS/cm	CALA-14-86019
TA-53i	600	08/09/13	WG	Specific Conductance	364	uS/cm	CALA-13-39201
TA-53i	600	08/27/12	WG	Specific Conductance	326	uS/cm	CALA-12-22823
TA-53i	600	08/22/16	WG	Temperature	15.2	deg C	CALA-16-124861
TA-53i	600	09/08/15	WG	Temperature	15.77	deg C	CALA-15-103997
TA-53i	600	09/10/14	WG	Temperature	16	deg C	CALA-14-86019
TA-53i	600	08/09/13	WG	Temperature	15.64	deg C	CALA-13-39201
TA-53i	600	08/27/12	WG	Temperature	15.86	deg C	CALA-12-22823
TA-53i	600	08/22/16	WG	Turbidity	0.6	NTU	CALA-16-124861
TA-53i	600	09/08/15	WG	Turbidity	3.1	NTU	CALA-15-103997
TA-53i	600	09/10/14	WG	Turbidity	2.5	NTU	CALA-14-86019
TA-53i	600	08/09/13	WG	Turbidity	4.9	NTU	CALA-13-39201
TA-53i	600	08/27/12	WG	Turbidity	2.04	NTU	CALA-12-22823