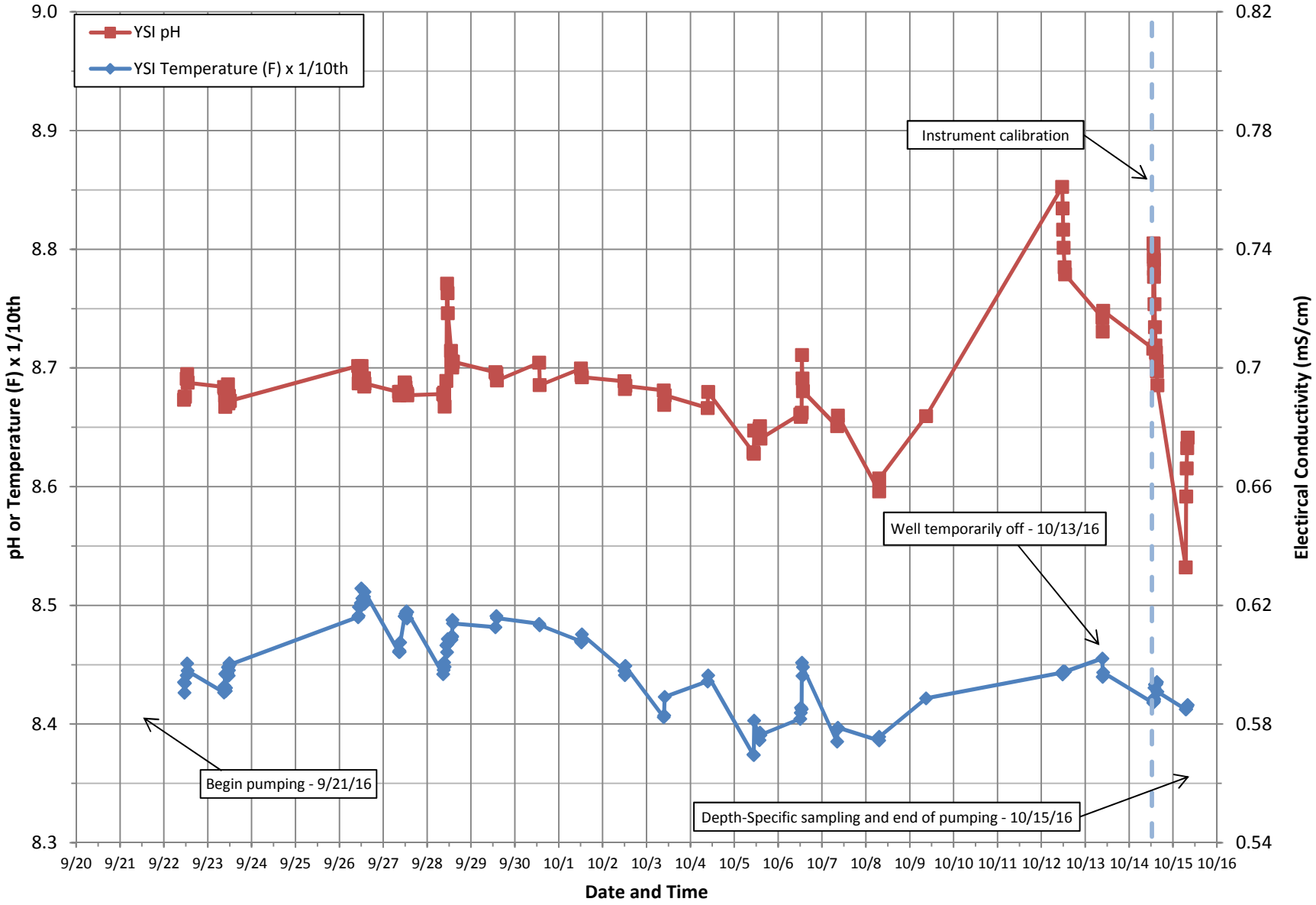
Water Quality Testing Information for GSWC Wilson Well #1

Figure 1: Wilson Well Field Parameters



From: Herndon, Roy
To: Moore, Toby
Subject: FW: Average F_TEMP Active Large System Production in Orange County
Date: Tuesday, October 25, 2016 12:15:27 PM
Attachments: OCActiveLargeSystemFTemp.xlsx

Toby,

Per your request, here is a spreadsheet and chart listing the active large-system production wells within OCWD and their average temperature over the last 3 years. The x-axis does not list all 181 wells, but if you move your cursor over each bar, you will see each well ID pop up.

The data are amazingly consistent in that wells with the highest temperatures are generally those near the basin margins/shallower parts of the basin (e.g., Irvine subbasin, Yorba Linda subbasin, Tustin, Mesa's color wells 6 and 11, BP-SM, etc.) or penetrate into the Deep aquifer (e.g., IRWD's 2,000-foot deep color wells C8 and C9 in Santa Ana).

I hope this helps, and let me know if there's anything else I can provide. Roy

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From: Gutierrez, Juliette
Sent: Tuesday, October 25, 2016 10:40 AM
To: Herndon, Roy
Subject: Average F_TEMP Active Large System Production in Orange County

This is what I found for Average F_TEMP Active Large System Production in Orange County.
I used the data between October 1, 2013 and October 1, 2016.
Please see attached.

Juliette

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STATION	STATIONID	SAMPDEPT	DATETIME	PARAMABB	RESULT_VA	RESULT_TY	RDL	UNITSABBR
A-39/1	904		10/1/2013 9:00	F-TEMP	18.2	18.2	1	C
A-39/1	904		2/4/2014 9:00	F-TEMP	17.6	17.6	1	C
A-39/1	904		4/1/2014 9:10	F-TEMP	18.1	18.1	1	C
A-39/1	904		7/1/2014 9:15	F-TEMP	18.8	18.8	1	C
A-39/1	904		10/7/2014 9:10	F-TEMP	18.5	18.5	1	C
A-39/1	904		1/6/2015 9:15	F-TEMP	18.3	18.3	1	C
A-39/1	904		4/7/2015 9:05	F-TEMP	18.6	18.6	1	C
A-39/1	904		7/7/2015 9:20	F-TEMP	18.5	18.5	1	C
A-39/1	904		8/4/2015 9:00	F-TEMP	18.1	18.1	1	C
A-39/1	904		8/4/2015 9:05	F-TEMP	18.1	18.1	1	C
A-39/1	904		10/6/2015 9:00	F-TEMP	18.8	18.8	1	C
A-39/1	904		1/5/2016 9:30	F-TEMP	17.9	17.9	1	C
A-39/1	904		2/2/2016 9:05	F-TEMP	18	18	1	C
A-39/1	904		6/16/2016 8:00	F-TEMP	18.2	18.2	1	C
A-39/1	904		7/5/2016 9:00	F-TEMP	18.4	18.4	1	C
A-40/1	109		10/1/2013 9:20	F-TEMP	17.5	17.5	1	C
A-40/1	109		6/18/2014 11:00	F-TEMP	18	18	1	C
A-40/1	109		7/2/2014 9:25	F-TEMP	18	18	1	C
A-40/1	109		10/1/2014 8:20	F-TEMP	17.8	17.8	1	C
A-40/1	109		1/6/2015 9:35	F-TEMP	17.7	17.7	1	C
A-40/1	109		4/13/2015 10:10	F-TEMP	17.8	17.8	1	C
A-40/1	109		7/7/2015 7:45	F-TEMP	17.7	17.7	1	C
A-40/1	109		10/5/2015 11:00	F-TEMP	18.7	18.7	1	C
A-40/1	109		1/4/2016 9:45	F-TEMP	17.7	17.7	1	C
A-40/1	109		4/11/2016 8:55	F-TEMP	17.7	17.7	1	C
A-40/1	109		6/14/2016 9:15	F-TEMP	17.7	17.7	1	C
A-40/1	109		7/7/2016 8:30	F-TEMP	17.8	17.8	1	C
A-40/1	109		7/7/2016 8:40	F-TEMP	17.8	17.8	1	C
A-41/1	112		10/1/2013 9:50	F-TEMP	18.1	18.1	1	C
A-41/1	112		1/21/2014 8:10	F-TEMP	17.8	17.8	1	C
A-41/1	112		6/18/2014 10:35	F-TEMP	18	18	1	C
A-41/1	112		7/1/2014 10:15	F-TEMP	18.4	18.4	1	C
A-41/1	112		10/1/2014 8:55	F-TEMP	18.2	18.2	1	C
A-41/1	112		1/6/2015 10:15	F-TEMP	18.1	18.1	1	C
A-41/1	112		4/9/2015 9:20	F-TEMP	18.1	18.1	1	C
A-41/1	112		7/7/2015 11:40	F-TEMP	18.4	18.4	1	C
A-41/1	112		10/5/2015 10:45	F-TEMP	19.3	19.3	1	C
A-41/1	112		10/26/2015 9:55	F-TEMP	18.3	18.3	1	C
A-41/1	112		1/4/2016 10:10	F-TEMP	18	18	1	C
A-41/1	112		4/11/2016 10:10	F-TEMP	18.2	18.2	1	C
A-41/1	112		6/7/2016 10:20	F-TEMP	18.2	18.2	1	C
A-41/1	112		7/11/2016 11:20	F-TEMP	18.8	18.8	1	C
A-42/1	102		10/1/2013 12:00	F-TEMP	21.5	21.5	1	C
A-42/1	102		1/21/2014 11:05	F-TEMP	18.2	18.2	1	C
A-42/1	102		4/1/2014 12:05	F-TEMP	18.1	18.1	1	C
A-42/1	102		7/1/2014 11:30	F-TEMP	19.1	19.1	1	C

A-42/1	102	10/1/2014	11:30	F-TEMP	19	19	1 C
A-42/1	102	4/9/2015	10:15	F-TEMP	18.3	18.3	1 C
A-42/1	102	10/1/2015	11:00	F-TEMP	19.2	19.2	1 C
A-42/1	102	4/11/2016	11:35	F-TEMP	18.7	18.7	1 C
A-42/1	102	4/21/2016	9:50	F-TEMP	18.3	18.3	1 C
A-42/1	102	6/14/2016	10:15	F-TEMP	18.4	18.4	1 C
A-42/1	102	7/11/2016	9:20	F-TEMP	18.7	18.7	1 C
A-43/1	101	10/1/2013	12:10	F-TEMP	19.8	19.8	1 C
A-43/1	101	1/21/2014	10:45	F-TEMP	19.2	19.2	1 C
A-43/1	101	4/1/2014	11:50	F-TEMP	19.1	19.1	1 C
A-43/1	101	7/1/2014	11:45	F-TEMP	19.8	19.8	1 C
A-43/1	101	10/1/2014	11:45	F-TEMP	19.5	19.5	1 C
A-43/1	101	1/6/2015	12:30	F-TEMP	19.1	19.1	1 C
A-43/1	101	4/9/2015	10:30	F-TEMP	19.6	19.6	1 C
A-43/1	101	7/7/2015	11:05	F-TEMP	19.9	19.9	1 C
A-43/1	101	8/17/2015	9:20	F-TEMP	21.6	21.6	1 C
A-43/1	101	8/17/2015	9:30	F-TEMP	21.2	21.2	1 C
A-43/1	101	10/1/2015	10:25	F-TEMP	20.6	20.6	1 C
A-43/1	101	1/4/2016	11:50	F-TEMP	19.8	19.8	1 C
A-43/1	101	4/11/2016	11:20	F-TEMP	20	20	1 C
A-43/1	101	4/21/2016	9:25	F-TEMP	20	20	1 C
A-43/1	101	6/14/2016	10:25	F-TEMP	19.3	19.3	1 C
A-43/1	101	7/11/2016	9:40	F-TEMP	20.2	20.2	1 C
A-44/1	106	10/1/2013	12:25	F-TEMP	20.1	20.1	1 C
A-44/1	106	1/21/2014	10:55	F-TEMP	19.6	19.6	1 C
A-44/1	106	4/1/2014	11:25	F-TEMP	19.9	19.9	1 C
A-44/1	106	7/1/2014	12:00	F-TEMP	20.1	20.1	1 C
A-44/1	106	10/1/2014	12:00	F-TEMP	21	21	1 C
A-44/1	106	1/6/2015	12:40	F-TEMP	20.3	20.3	1 C
A-44/1	106	8/13/2015	11:05	F-TEMP	20.6	20.6	1 C
A-44/1	106	10/1/2015	10:35	F-TEMP	20.6	20.6	1 C
A-44/1	106	1/4/2016	12:00	F-TEMP	20.2	20.2	1 C
A-44/1	106	4/11/2016	11:05	F-TEMP	21.7	21.7	1 C
A-44/1	106	4/21/2016	9:00	F-TEMP	20.6	20.6	1 C
A-44/1	106	6/7/2016	11:00	F-TEMP	20.4	20.4	1 C
A-44/1	106	7/11/2016	9:55	F-TEMP	20	20	1 C
A-45/1	18324	10/1/2013	10:20	F-TEMP	17.2	17.2	1 C
A-45/1	18324	1/21/2014	10:10	F-TEMP	16.5	16.5	1 C
A-45/1	18324	4/1/2014	9:45	F-TEMP	17.1	17.1	1 C
A-45/1	18324	7/1/2014	10:35	F-TEMP	17.5	17.5	1 C
A-45/1	18324	10/1/2014	9:30	F-TEMP	17.9	17.9	1 C
A-45/1	18324	4/13/2015	11:45	F-TEMP	17.2	17.2	1 C
A-45/1	18324	8/17/2015	10:40	F-TEMP	17.6	17.6	1 C
A-45/1	18324	8/17/2015	10:50	F-TEMP	17.7	17.7	1 C
A-45/1	18324	10/5/2015	10:20	F-TEMP	17.7	17.7	1 C
A-45/1	18324	4/11/2016	9:45	F-TEMP	17.5	17.5	1 C
A-45/1	18324	6/7/2016	9:55	F-TEMP	17.7	17.7	1 C

A-45/1	18324	7/11/2016 11:45	F-TEMP	17.9	17.9	1	C
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A-46/1	9030	1/21/2014 9:50	F-TEMP	17.5	17.5	1	C
A-46/1	9030	4/1/2014 10:00	F-TEMP	17.4	17.4	1	C
A-46/1	9030	7/1/2014 10:55	F-TEMP	18	18	1	C
A-46/1	9030	10/1/2014 10:00	F-TEMP	17.9	17.9	1	C
A-46/1	9030	4/13/2015 11:10	F-TEMP	18	18	1	C
A-46/1	9030	3/22/2016 10:00	F-TEMP	18.4	18.4	1	C
A-46/1	9030	4/18/2016 9:35	F-TEMP	18.9	18.9	1	C
A-46/1	9030	6/14/2016 11:00	F-TEMP	18.7	18.7	1	C
A-46/1	9030	6/14/2016 11:10	F-TEMP	18.7	18.7	1	C
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A-47/1	3297	1/21/2014 8:50	F-TEMP	18	18	1	C
A-47/1	3297	4/1/2014 10:50	F-TEMP	18.1	18.1	1	C
A-47/1	3297	7/1/2014 9:40	F-TEMP	18.6	18.6	1	C
A-47/1	3297	10/1/2014 10:30	F-TEMP	18.6	18.6	1	C
A-47/1	3297	1/6/2015 13:30	F-TEMP	18.8	18.8	1	C
A-47/1	3297	4/13/2015 9:05	F-TEMP	18.2	18.2	1	C
A-47/1	3297	7/7/2015 10:10	F-TEMP	19.8	19.8	1	C
A-47/1	3297	7/30/2015 7:30	F-TEMP	18.6	18.6	1	C
A-47/1	3297	7/30/2015 7:40	F-TEMP	18.5	18.5	1	C
A-47/1	3297	10/5/2015 11:45	F-TEMP	19.3	19.3	1	C
A-47/1	3297	11/23/2015 10:15	F-TEMP	20.1	20.1	1	C
A-47/1	3297	11/23/2015 10:30	F-TEMP	19	19	1	C
A-47/1	3297	1/4/2016 11:05	F-TEMP	18.3	18.3	1	C
A-47/1	3297	4/11/2016 12:30	F-TEMP	19.7	19.7	1	C
A-47/1	3297	4/18/2016 11:40	F-TEMP	18.3	18.3	1	C
A-47/1	3297	4/18/2016 11:55	F-TEMP	18.5	18.5	1	C
A-47/1	3297	7/7/2016 9:50	F-TEMP	18.6	18.6	1	C
A-48/1	20129	12/18/2013 8:40	F-TEMP	17.9	17.9	1	C
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A-48/1	20129	2/20/2014 9:35	F-TEMP	18.1	18.1	1	C
A-48/1	20129	2/20/2014 9:50	F-TEMP	18.3	18.3	1	C
A-48/1	20129	4/3/2014 9:30	F-TEMP	17.9	17.9	1	C
A-48/1	20129	7/2/2014 8:45	F-TEMP	18.3	18.3	1	C
A-48/1	20129	10/2/2014 10:20	F-TEMP	18.8	18.8	1	C
A-48/1	20129	1/7/2015 9:55	F-TEMP	18.1	18.1	1	C
A-48/1	20129	3/3/2015 8:50	F-TEMP	18.1	18.1	1	C
A-48/1	20129	4/13/2015 8:40	F-TEMP	18.5	18.5	1	C
A-48/1	20129	5/14/2015 11:30	F-TEMP	18.6	18.6	1	C
A-48/1	20129	6/10/2015 8:55	F-TEMP	18.2	18.2	1	C
A-48/1	20129	6/10/2015 9:10	F-TEMP	18.3	18.3	1	C
A-48/1	20129	7/7/2015 10:25	F-TEMP	18.2	18.2	1	C
A-48/1	20129	10/13/2015 9:05	F-TEMP	18.8	18.8	1	C
A-48/1	20129	1/5/2016 9:55	F-TEMP	18	18	1	C
A-48/1	20129	4/18/2016 8:55	F-TEMP	18.5	18.5	1	C
A-48/1	20129	5/26/2016 8:05	F-TEMP	18.1	18.1	1	C

A-48/1	20129	7/7/2016 9:10	F-TEMP	18.3	18.3	1 C
A-49/1	7176	10/1/2013 11:10	F-TEMP	17.9	17.9	1 C
A-49/1	7176	1/21/2014 9:20	F-TEMP	18	18	1 C
A-49/1	7176	4/1/2014 10:25	F-TEMP	18.1	18.1	1 C
A-49/1	7176	7/1/2014 8:30	F-TEMP	18.2	18.2	1 C
A-49/1	7176	10/1/2014 10:55	F-TEMP	18.2	18.2	1 C
A-49/1	7176	1/6/2015 14:05	F-TEMP	18.4	18.4	1 C
A-49/1	7176	4/13/2015 12:15	F-TEMP	18.7	18.7	1 C
A-49/1	7176	7/7/2015 9:45	F-TEMP	18.2	18.2	1 C
A-49/1	7176	10/5/2015 11:25	F-TEMP	18.3	18.3	1 C
A-49/1	7176	1/4/2016 10:50	F-TEMP	18	18	1 C
A-49/1	7176	4/11/2016 12:00	F-TEMP	18.7	18.7	1 C
A-51/1	18381	10/3/2013 8:00	F-TEMP	18	18	1 C
A-51/1	18381	1/22/2014 7:50	F-TEMP	17.9	17.9	1 C
A-51/1	18381	4/3/2014 9:05	F-TEMP	18	18	1 C
A-51/1	18381	7/2/2014 8:05	F-TEMP	18.7	18.7	1 C
A-51/1	18381	8/28/2014 8:40	F-TEMP	19.5	19.5	1 C
A-51/1	18381	8/28/2014 8:50	F-TEMP	19.1	19.1	1 C
A-51/1	18381	10/2/2014 8:35	F-TEMP	19	19	1 C
A-51/1	18381	1/7/2015 10:40	F-TEMP	18.8	18.8	1 C
A-51/1	18381	4/13/2015 7:45	F-TEMP	18.3	18.3	1 C
A-51/1	18381	7/7/2015 8:45	F-TEMP	19.1	19.1	1 C
A-51/1	18381	7/30/2015 8:00	F-TEMP	18.7	18.7	1 C
A-51/1	18381	7/30/2015 8:10	F-TEMP	18.8	18.8	1 C
A-51/1	18381	10/13/2015 8:20	F-TEMP	18.7	18.7	1 C
A-51/1	18381	1/5/2016 8:10	F-TEMP	18.1	18.1	1 C
A-51/1	18381	4/18/2016 8:25	F-TEMP	18.4	18.4	1 C
A-51/1	18381	7/7/2016 7:40	F-TEMP	18.3	18.3	1 C
A-52/1	19547	10/3/2013 10:25	F-TEMP	19.8	19.8	1 C
A-52/1	19547	1/22/2014 10:35	F-TEMP	19.8	19.8	1 C
A-52/1	19547	6/18/2014 9:40	F-TEMP	20.6	20.6	1 C
A-52/1	19547	6/19/2014 9:05	F-TEMP	20.4	20.4	1 C
A-52/1	19547	7/2/2014 11:10	F-TEMP	20.5	20.5	1 C
A-52/1	19547	7/22/2014 8:30	F-TEMP	19.8	19.8	1 C
A-52/1	19547	7/22/2014 8:40	F-TEMP	19.8	19.8	1 C
A-52/1	19547	10/2/2014 11:05	F-TEMP	20.5	20.5	1 C
A-52/1	19547	4/9/2015 10:00	F-TEMP	19.9	19.9	1 C
A-52/1	19547	10/13/2015 10:55	F-TEMP	20.9	20.9	1 C
A-52/1	19547	2/10/2016 9:10	F-TEMP	20	20	1 C
A-52/1	19547	4/18/2016 12:30	F-TEMP	20.7	20.7	1 C
A-52/1	19547	4/21/2016 9:15	F-TEMP	20	20	1 C
A-52/1	19547	7/11/2016 10:10	F-TEMP	21.6	21.6	1 C
A-52/1	19547	7/25/2016 10:05	F-TEMP	20.4	20.4	1 C
A-53/1	19372	10/3/2013 8:30	F-TEMP	17.7	17.7	1 C
A-53/1	19372	1/22/2014 8:35	F-TEMP	17.6	17.6	1 C
A-53/1	19372	4/3/2014 8:40	F-TEMP	17.7	17.7	1 C
A-53/1	19372	5/9/2014 8:40	F-TEMP	17.7	17.7	1 C

A-53/1	19372	5/9/2014 8:55	F-TEMP	18	18	1 C
A-53/1	19372	7/2/2014 8:20	F-TEMP	18	18	1 C
A-53/1	19372	10/2/2014 8:15	F-TEMP	17.9	17.9	1 C
A-53/1	19372	1/7/2015 9:10	F-TEMP	17.8	17.8	1 C
A-53/1	19372	4/13/2015 9:20	F-TEMP	18.1	18.1	1 C
A-53/1	19372	7/7/2015 9:05	F-TEMP	18.1	18.1	1 C
A-53/1	19372	10/13/2015 8:50	F-TEMP	18.3	18.3	1 C
A-53/1	19372	1/5/2016 11:00	F-TEMP	17.9	17.9	1 C
A-53/1	19372	2/10/2016 8:20	F-TEMP	17.8	17.8	1 C
A-53/1	19372	4/18/2016 11:20	F-TEMP	18.4	18.4	1 C
A-53/1	19372	6/14/2016 8:50	F-TEMP	17.9	17.9	1 C
A-53/1	19372	6/14/2016 9:00	F-TEMP	17.9	17.9	1 C
A-53/1	19372	7/7/2016 8:00	F-TEMP	18	18	1 C
A-54/1	20131	10/3/2013 10:00	F-TEMP	17.2	17.2	1 C
A-54/1	20131	1/22/2014 9:20	F-TEMP	17	17	1 C
A-54/1	20131	4/3/2014 10:35	F-TEMP	17	17	1 C
A-54/1	20131	7/2/2014 10:40	F-TEMP	17.5	17.5	1 C
A-54/1	20131	10/2/2014 9:40	F-TEMP	18.5	18.5	1 C
A-54/1	20131	1/7/2015 12:35	F-TEMP	17.6	17.6	1 C
A-54/1	20131	4/13/2015 10:55	F-TEMP	18.6	18.6	1 C
A-54/1	20131	10/13/2015 10:20	F-TEMP	17.8	17.8	1 C
A-54/1	20131	4/18/2016 10:35	F-TEMP	17.4	17.4	1 C
A-54/1	20131	7/11/2016 10:45	F-TEMP	17.5	17.5	1 C
A-55/1	15156	10/3/2013 9:30	F-TEMP	18.5	18.5	1 C
A-55/1	15156	1/22/2014 9:40	F-TEMP	18	18	1 C
A-55/1	15156	4/3/2014 11:00	F-TEMP	18	18	1 C
A-55/1	15156	7/2/2014 10:20	F-TEMP	18.5	18.5	1 C
A-55/1	15156	10/2/2014 9:25	F-TEMP	18.8	18.8	1 C
A-55/1	15156	4/27/2015 8:35	F-TEMP	18.3	18.3	1 C
A-55/1	15156	10/13/2015 10:00	F-TEMP	19.8	19.8	1 C
A-55/1	15156	4/18/2016 10:00	F-TEMP	18.7	18.7	1 C
A-55/1	15156	7/11/2016 11:00	F-TEMP	18.8	18.8	1 C
A-56/1	20815	10/3/2013 9:00	F-TEMP	16.9	16.9	1 C
A-56/1	20815	1/22/2014 9:00	F-TEMP	16.9	16.9	1 C
A-56/1	20815	4/3/2014 10:10	F-TEMP	16.8	16.8	1 C
A-56/1	20815	7/2/2014 9:55	F-TEMP	17.7	17.7	1 C
A-56/1	20815	10/2/2014 10:00	F-TEMP	17.2	17.2	1 C
A-56/1	20815	3/9/2015 8:50	F-TEMP	16.9	16.9	1 C
A-56/1	20815	4/27/2015 9:05	F-TEMP	17.3	17.3	1 C
A-56/1	20815	8/17/2015 10:10	F-TEMP	18.4	18.4	1 C
A-56/1	20815	8/17/2015 10:20	F-TEMP	17.4	17.4	1 C
A-56/1	20815	10/13/2015 9:35	F-TEMP	17.7	17.7	1 C
A-56/1	20815	12/14/2015 10:00	F-TEMP	16.9	16.9	1 C
A-56/1	20815	12/14/2015 10:10	F-TEMP	16.9	16.9	1 C
A-56/1	20815	3/2/2016 10:45	F-TEMP	17.1	17.1	1 C
A-56/1	20815	3/2/2016 11:00	F-TEMP	17.1	17.1	1 C
A-56/1	20815	4/18/2016 10:55	F-TEMP	17.4	17.4	1 C

A-58/1	22690	7/14/2015	11:20	F-TEMP	18.4	18.4	1 C
A-58/1	22690	10/5/2015	12:30	F-TEMP	18.5	18.5	1 C
A-58/1	22690	10/5/2015	12:40	F-TEMP	18.6	18.6	1 C
A-58/1	22690	1/11/2016	10:10	F-TEMP	18.4	18.4	1 C
A-58/1	22690	1/11/2016	10:30	F-TEMP	19	19	1 C
A-58/1	22690	1/11/2016	10:45	F-TEMP	18.7	18.7	1 C
A-58/1	22690	3/2/2016	10:05	F-TEMP	20.5	20.5	1 C
A-58/1	22690	3/2/2016	10:20	F-TEMP	20.6	20.6	1 C
A-58/1	22690	4/5/2016	11:20	F-TEMP	18.9	18.9	1 C
A-58/1	22690	4/5/2016	11:35	F-TEMP	18.9	18.9	1 C
A-58/1	22690	4/18/2016	12:40	F-TEMP	19.1	19.1	1 C
A-58/1	22690	4/21/2016	9:35	F-TEMP	18.3	18.3	1 C
A-58/1	22690	7/11/2016	9:05	F-TEMP	18.5	18.5	1 C
BP-BALL/1	11919	10/22/2013	8:15	F-TEMP	18.5	18.5	1 C
BP-BALL/1	11919	4/22/2014	9:05	F-TEMP	18.4	18.4	1 C
BP-BALL/1	11919	6/5/2014	9:10	F-TEMP	19.7	19.7	1 C
BP-BALL/1	11919	6/5/2014	9:25	F-TEMP	19.4	19.4	1 C
BP-BALL/1	11919	7/30/2014	11:40	F-TEMP	19	19	1 C
BP-BALL/1	11919	7/30/2014	11:45	F-TEMP	18.7	18.7	1 C
BP-BALL/1	11919	10/29/2014	11:40	F-TEMP	19.6	19.6	1 C
BP-BALL/1	11919	1/21/2015	9:20	F-TEMP	18.3	18.3	1 C
BP-BALL/1	11919	4/15/2015	9:20	F-TEMP	18.8	18.8	1 C
BP-BALL/1	11919	7/23/2015	9:00	F-TEMP	18.9	18.9	1 C
BP-BALL/1	11919	10/21/2015	8:35	F-TEMP	18.8	18.8	1 C
BP-BALL/1	11919	1/27/2016	9:55	F-TEMP	18.4	18.4	1 C
BP-BALL/1	11919	7/19/2016	10:40	F-TEMP	19.6	19.6	1 C
BP-BOIS/1	11891	10/22/2013	9:25	F-TEMP	19.2	19.2	1 C
BP-BOIS/1	11891	4/22/2014	10:20	F-TEMP	19.3	19.3	1 C
BP-BOIS/1	11891	10/27/2014	10:00	F-TEMP	19.5	19.5	1 C
BP-BOIS/1	11891	4/14/2015	9:40	F-TEMP	18.4	18.4	1 C
BP-BOIS/1	11891	10/21/2015	11:10	F-TEMP	19.7	19.7	1 C
BP-BOIS/1	11891	6/9/2016	9:45	F-TEMP	19.4	19.4	1 C
BP-BOIS/1	11891	6/9/2016	10:00	F-TEMP	19.4	19.4	1 C
BP-BOIS/1	11891	7/19/2016	9:20	F-TEMP	19.8	19.8	1 C
BP-CABA/1	110	10/24/2013	9:35	F-TEMP	20.2	20.2	1 C
BP-CABA/1	110	4/24/2014	11:00	F-TEMP	20.6	20.6	1 C
BP-CABA/1	110	10/30/2014	11:55	F-TEMP	20.8	20.8	1 C
BP-CABA/1	110	4/15/2015	10:25	F-TEMP	20.7	20.7	1 C
BP-CABA/1	110	10/21/2015	10:15	F-TEMP	20.2	20.2	1 C
BP-CABA/1	110	7/19/2016	9:55	F-TEMP	20.9	20.9	1 C
BP-CABA/1	110	8/10/2016	8:20	F-TEMP	20.2	20.2	1 C
BP-CABA/1	110	8/10/2016	8:30	F-TEMP	20.3	20.3	1 C
BP-FREE/1	901	10/24/2013	9:00	F-TEMP	19.3	19.3	1 C
BP-FREE/1	901	4/24/2014	10:05	F-TEMP	21	21	1 C
BP-FREE/1	901	8/25/2015	8:35	F-TEMP	19.4	19.4	1 C
BP-FREE/1	901	9/25/2015	8:40	F-TEMP	19.5	19.5	1 C
BP-FREE/1	901	9/25/2015	8:55	F-TEMP	19.9	19.9	1 C

BP-FREE/1	901	10/21/2015 9:30	F-TEMP	19.5	19.5	1 C
BP-FREE/1	901	7/19/2016 10:10	F-TEMP	19.8	19.8	1 C
BP-HOLD/1	103	10/22/2013 8:40	F-TEMP	18.4	18.4	1 C
BP-HOLD/1	103	4/24/2014 9:30	F-TEMP	18.5	18.5	1 C
BP-HOLD/1	103	7/30/2014 11:20	F-TEMP	19.1	19.1	1 C
BP-HOLD/1	103	10/27/2014 11:05	F-TEMP	18.7	18.7	1 C
BP-HOLD/1	103	4/15/2015 9:40	F-TEMP	18.9	18.9	1 C
BP-HOLD/1	103	10/21/2015 9:00	F-TEMP	18.7	18.7	1 C
BP-HOLD/1	103	6/9/2016 9:20	F-TEMP	19	19	1 C
BP-HOLD/1	103	6/9/2016 9:35	F-TEMP	19	19	1 C
BP-HOLD/1	103	7/19/2016 8:35	F-TEMP	19.3	19.3	1 C
BP-KNOT/1	206	10/24/2013 9:20	F-TEMP	20.8	20.8	1 C
BP-KNOT/1	206	4/24/2014 10:30	F-TEMP	21	21	1 C
BP-KNOT/1	206	7/30/2014 10:55	F-TEMP	21.7	21.7	1 C
BP-KNOT/1	206	10/30/2014 11:35	F-TEMP	21.7	21.7	1 C
BP-KNOT/1	206	4/16/2015 9:45	F-TEMP	21.9	21.9	1 C
BP-KNOT/1	206	10/21/2015 9:50	F-TEMP	22	22	1 C
BP-LIND/1	19625	10/22/2013 9:05	F-TEMP	18.4	18.4	1 C
BP-LIND/1	19625	4/22/2014 10:00	F-TEMP	18.6	18.6	1 C
BP-LIND/1	19625	7/30/2014 9:45	F-TEMP	18.5	18.5	1 C
BP-LIND/1	19625	9/9/2014 10:15	F-TEMP	20.3	20.3	1 C
BP-LIND/1	19625	9/9/2014 10:30	F-TEMP	19.4	19.4	1 C
BP-LIND/1	19625	10/27/2014 10:30	F-TEMP	18.7	18.7	1 C
BP-LIND/1	19625	10/27/2014 10:40	F-TEMP	18.8	18.8	1 C
BP-LIND/1	19625	1/21/2015 9:50	F-TEMP	18.5	18.5	1 C
BP-LIND/1	19625	4/14/2015 9:10	F-TEMP	18.3	18.3	1 C
BP-LIND/1	19625	7/23/2015 9:25	F-TEMP	19.1	19.1	1 C
BP-LIND/1	19625	10/21/2015 11:30	F-TEMP	18.9	18.9	1 C
BP-LIND/1	19625	1/27/2016 10:35	F-TEMP	18.6	18.6	1 C
BP-LIND/1	19625	7/19/2016 8:55	F-TEMP	18.9	18.9	1 C
BP-SM/1	107	10/22/2013 9:50	F-TEMP	31.1	31.1	1 C
BP-SM/1	107	1/22/2014 11:20	F-TEMP	31	31	1 C
BP-SM/1	107	4/22/2014 11:00	F-TEMP	31.4	31.4	1 C
BP-SM/1	107	6/25/2014 9:10	F-TEMP	30.8	30.8	1 C
BP-SM/1	107	6/25/2014 9:25	F-TEMP	31.1	31.1	1 C
BP-SM/1	107	7/30/2014 10:35	F-TEMP	31.1	31.1	1 C
BP-SM/1	107	10/29/2014 11:10	F-TEMP	31.7	31.7	1 C
BP-SM/1	107	1/21/2015 10:25	F-TEMP	31.2	31.2	1 C
BP-SM/1	107	4/16/2015 10:30	F-TEMP	31.4	31.4	1 C
BP-SM/1	107	10/21/2015 10:35	F-TEMP	31.6	31.6	1 C
EOCW-E/1	2624	11/5/2013 10:40	F-TEMP	19.8	19.8	1 C
EOCW-E/1	2624	4/16/2014 11:05	F-TEMP	19.6	19.6	1 C
EOCW-E/1	2624	8/27/2014 9:20	F-TEMP	20.1	20.1	1 C
EOCW-E/1	2624	11/25/2014 9:05	F-TEMP	19.7	19.7	1 C
EOCW-E/1	2624	3/18/2015 12:25	F-TEMP	20	20	1 C
EOCW-E/1	2624	5/6/2015 8:45	F-TEMP	19.3	19.3	1 C
EOCW-E/1	2624	8/11/2015 10:45	F-TEMP	20.2	20.2	1 C

EOCW-E/1	2624	12/1/2015 10:40	F-TEMP	22.6	22.6	1 C
EOCW-E/1	2624	2/25/2016 9:00	F-TEMP	19.3	19.3	1 C
EOCW-E/1	2624	2/25/2016 9:15	F-TEMP	19.5	19.5	1 C
EOCW-E/1	2624	5/25/2016 11:55	F-TEMP	19.5	19.5	1 C
EOCW-E/1	2624	8/8/2016 8:40	F-TEMP	19.7	19.7	1 C
EOCW-W/	2623	9/21/2016 9:05	F-TEMP	20.1	20.1	1 C
F-10/1	7000	11/7/2013 10:50	F-TEMP	19.7	19.7	1 C
F-10/1	7000	2/11/2014 10:35	F-TEMP	19.7	19.7	1 C
F-10/1	7000	6/2/2014 11:10	F-TEMP	20.4	20.4	1 C
F-10/1	7000	6/2/2014 11:25	F-TEMP	20.6	20.6	1 C
F-10/1	7000	8/5/2014 11:20	F-TEMP	20.3	20.3	1 C
F-10/1	7000	11/5/2014 10:50	F-TEMP	20.2	20.2	1 C
F-10/1	7000	8/3/2015 10:35	F-TEMP	20.3	20.3	1 C
F-10/1	7000	8/5/2015 10:30	F-TEMP	20.2	20.2	1 C
F-10/1	7000	11/4/2015 9:40	F-TEMP	19.8	19.8	1 C
F-10/1	7000	2/23/2016 9:55	F-TEMP	20.3	20.3	1 C
F-10/1	7000	6/29/2016 9:05	F-TEMP	20.1	20.1	1 C
F-10/1	7000	6/29/2016 9:20	F-TEMP	20	20	1 C
F-10/1	7000	8/4/2016 11:15	F-TEMP	20.4	20.4	1 C
F-3A/1	14528	11/7/2013 9:10	F-TEMP	18.1	18.1	1 C
F-3A/1	14528	2/11/2014 8:55	F-TEMP	17.9	17.9	1 C
F-3A/1	14528	6/2/2014 9:25	F-TEMP	18.5	18.5	1 C
F-3A/1	14528	8/5/2014 9:40	F-TEMP	18.8	18.8	1 C
F-3A/1	14528	11/5/2014 8:55	F-TEMP	18.3	18.3	1 C
F-3A/1	14528	6/10/2015 13:00	F-TEMP	18.8	18.8	1 C
F-3A/1	14528	8/5/2015 8:45	F-TEMP	19.1	19.1	1 C
F-3A/1	14528	11/4/2015 8:50	F-TEMP	18.1	18.1	1 C
F-3A/1	14528	2/3/2016 9:05	F-TEMP	17.9	17.9	1 C
F-3A/1	14528	6/30/2016 11:35	F-TEMP	19.1	19.1	1 C
F-3A/1	14528	8/4/2016 8:55	F-TEMP	18.3	18.3	1 C
F-4/1	1066	11/7/2013 9:50	F-TEMP	19.5	19.5	1 C
F-4/1	1066	2/11/2014 9:25	F-TEMP	19.4	19.4	1 C
F-4/1	1066	6/2/2014 9:40	F-TEMP	19.8	19.8	1 C
F-4/1	1066	6/18/2014 8:45	F-TEMP	19.7	19.7	1 C
F-4/1	1066	8/5/2014 10:10	F-TEMP	20.4	20.4	1 C
F-4/1	1066	11/5/2014 9:25	F-TEMP	19.6	19.6	1 C
F-4/1	1066	2/17/2015 8:45	F-TEMP	19.5	19.5	1 C
F-4/1	1066	5/4/2015 9:35	F-TEMP	19.7	19.7	1 C
F-4/1	1066	8/5/2015 9:00	F-TEMP	20	20	1 C
F-4/1	1066	11/4/2015 10:20	F-TEMP	19.6	19.6	1 C
F-4/1	1066	2/3/2016 10:10	F-TEMP	19.6	19.6	1 C
F-4/1	1066	8/4/2016 8:40	F-TEMP	19.8	19.8	1 C
F-5/1	1064	11/7/2013 9:25	F-TEMP	19.4	19.4	1 C
F-5/1	1064	2/11/2014 9:40	F-TEMP	19.4	19.4	1 C
F-5/1	1064	6/2/2014 9:10	F-TEMP	19.7	19.7	1 C
F-5/1	1064	8/5/2014 9:25	F-TEMP	19.9	19.9	1 C
F-5/1	1064	9/3/2014 9:40	F-TEMP	19.9	19.9	1 C

F-5/1	1064	11/5/2014 10:10	F-TEMP	19.7	19.7	1 C
F-5/1	1064	2/17/2015 9:00	F-TEMP	19.6	19.6	1 C
F-5/1	1064	5/4/2015 9:05	F-TEMP	19.3	19.3	1 C
F-5/1	1064	8/5/2015 8:35	F-TEMP	19.9	19.9	1 C
F-5/1	1064	12/7/2015 9:00	F-TEMP	19.5	19.5	1 C
F-5/1	1064	2/3/2016 9:35	F-TEMP	19.4	19.4	1 C
F-5/1	1064	8/4/2016 9:10	F-TEMP	19.8	19.8	1 C
F-6/1	1065	11/7/2013 9:00	F-TEMP	18.6	18.6	1 C
F-6/1	1065	2/11/2014 9:10	F-TEMP	19.3	19.3	1 C
F-6/1	1065	6/2/2014 9:55	F-TEMP	19.8	19.8	1 C
F-6/1	1065	8/5/2014 9:55	F-TEMP	19.8	19.8	1 C
F-6/1	1065	11/5/2014 9:10	F-TEMP	19.6	19.6	1 C
F-6/1	1065	2/17/2015 9:15	F-TEMP	19.5	19.5	1 C
F-6/1	1065	5/4/2015 8:50	F-TEMP	19.3	19.3	1 C
F-6/1	1065	8/5/2015 9:10	F-TEMP	20.1	20.1	1 C
F-6/1	1065	11/4/2015 10:35	F-TEMP	19.5	19.5	1 C
F-6/1	1065	2/3/2016 9:50	F-TEMP	19.5	19.5	1 C
F-6/1	1065	8/4/2016 10:00	F-TEMP	19.9	19.9	1 C
F-7/1	1063	11/7/2013 10:05	F-TEMP	19.8	19.8	1 C
F-7/1	1063	12/17/2013 9:00	F-TEMP	19.7	19.7	1 C
F-7/1	1063	12/17/2013 9:15	F-TEMP	19.8	19.8	1 C
F-7/1	1063	2/11/2014 10:10	F-TEMP	20	20	1 C
F-7/1	1063	6/2/2014 10:10	F-TEMP	20.3	20.3	1 C
F-7/1	1063	6/18/2014 9:15	F-TEMP	20.2	20.2	1 C
F-7/1	1063	6/18/2014 9:25	F-TEMP	20.1	20.1	1 C
F-7/1	1063	8/5/2014 10:25	F-TEMP	20.4	20.4	1 C
F-7/1	1063	8/18/2014 11:10	F-TEMP	20.8	20.8	1 C
F-7/1	1063	8/18/2014 11:20	F-TEMP	20.9	20.9	1 C
F-7/1	1063	11/5/2014 9:40	F-TEMP	20.1	20.1	1 C
F-8/1	1062	11/7/2013 9:35	F-TEMP	19.6	19.6	1 C
F-8/1	1062	2/11/2014 9:55	F-TEMP	19.3	19.3	1 C
F-8/1	1062	6/2/2014 8:55	F-TEMP	19.8	19.8	1 C
F-8/1	1062	8/5/2014 9:10	F-TEMP	19.9	19.9	1 C
F-8/1	1062	11/5/2014 9:55	F-TEMP	19.9	19.9	1 C
F-8/1	1062	2/17/2015 9:45	F-TEMP	19.6	19.6	1 C
F-8/1	1062	5/4/2015 9:20	F-TEMP	19.7	19.7	1 C
F-8/1	1062	8/5/2015 8:20	F-TEMP	20	20	1 C
F-8/1	1062	11/4/2015 8:35	F-TEMP	19.3	19.3	1 C
F-8/1	1062	2/3/2016 9:20	F-TEMP	19.1	19.1	1 C
F-8/1	1062	8/4/2016 9:25	F-TEMP	20.1	20.1	1 C
F-AIRP/1	111	11/7/2013 11:35	F-TEMP	20	20	1 C
F-AIRP/1	111	3/10/2014 10:45	F-TEMP	21.5	21.5	1 C
F-AIRP/1	111	6/2/2014 12:10	F-TEMP	21.7	21.7	1 C
F-AIRP/1	111	8/5/2014 12:10	F-TEMP	21.1	21.1	1 C
F-AIRP/1	111	11/5/2014 12:05	F-TEMP	21.1	21.1	1 C
F-AIRP/1	111	5/4/2015 11:35	F-TEMP	20.5	20.5	1 C
F-AIRP/1	111	8/5/2015 12:30	F-TEMP	20.5	20.5	1 C

F-AIRP/1	111	2/3/2016 10:55	F-TEMP	19.1	19.1	1	C
F-AIRP/1	111	8/4/2016 11:45	F-TEMP	20.8	20.8	1	C
F-CHRI2/1	8251	11/7/2013 11:15	F-TEMP	19.2	19.2	1	C
F-CHRI2/1	8251	3/20/2014 9:00	F-TEMP	18.8	18.8	1	C
F-CHRI2/1	8251	6/2/2014 11:50	F-TEMP	19.4	19.4	1	C
F-CHRI2/1	8251	8/5/2014 11:45	F-TEMP	20.2	20.2	1	C
F-CHRI2/1	8251	11/5/2014 11:30	F-TEMP	19.6	19.6	1	C
F-CHRI2/1	8251	2/17/2015 13:00	F-TEMP	18.9	18.9	1	C
F-CHRI2/1	8251	5/4/2015 11:05	F-TEMP	19.3	19.3	1	C
F-CHRI2/1	8251	8/5/2015 11:10	F-TEMP	19.2	19.2	1	C
F-CHRI2/1	8251	8/19/2015 10:45	F-TEMP	19.3	19.3	1	C
F-CHRI2/1	8251	8/19/2015 11:00	F-TEMP	19.2	19.2	1	C
F-CHRI2/1	8251	11/4/2015 10:55	F-TEMP	18.4	18.4	1	C
F-CHRI2/1	8251	2/3/2016 10:35	F-TEMP	18.5	18.5	1	C
F-CHRI2/1	8251	8/4/2016 12:30	F-TEMP	20.3	20.3	1	C
F-KIM1A/1	18606	11/7/2013 10:20	F-TEMP	19.7	19.7	1	C
F-KIM1A/1	18606	2/11/2014 10:50	F-TEMP	19.5	19.5	1	C
F-KIM1A/1	18606	6/2/2014 10:35	F-TEMP	19.3	19.3	1	C
F-KIM1A/1	18606	8/5/2014 10:45	F-TEMP	19.8	19.8	1	C
F-KIM1A/1	18606	11/5/2014 10:25	F-TEMP	20.1	20.1	1	C
F-KIM1A/1	18606	2/17/2015 10:10	F-TEMP	19.3	19.3	1	C
F-KIM1A/1	18606	5/4/2015 10:35	F-TEMP	19.5	19.5	1	C
F-KIM1A/1	18606	8/5/2015 9:40	F-TEMP	20.1	20.1	1	C
F-KIM1A/1	18606	11/4/2015 10:00	F-TEMP	19.8	19.8	1	C
F-KIM1A/1	18606	2/3/2016 12:00	F-TEMP	19.3	19.3	1	C
F-KIM1A/1	18606	6/29/2016 8:30	F-TEMP	19.9	19.9	1	C
F-KIM1A/1	18606	8/4/2016 10:30	F-TEMP	20	20	1	C
F-KIM2/1	2615	11/7/2013 10:35	F-TEMP	20.1	20.1	1	C
F-KIM2/1	2615	2/11/2014 10:20	F-TEMP	19.8	19.8	1	C
F-KIM2/1	2615	6/2/2014 10:55	F-TEMP	20.5	20.5	1	C
F-KIM2/1	2615	8/5/2014 11:05	F-TEMP	21.7	21.7	1	C
F-KIM2/1	2615	11/5/2014 11:10	F-TEMP	20.9	20.9	1	C
F-KIM2/1	2615	2/17/2015 10:35	F-TEMP	20.1	20.1	1	C
F-KIM2/1	2615	5/4/2015 10:05	F-TEMP	20	20	1	C
F-KIM2/1	2615	8/5/2015 10:00	F-TEMP	21	21	1	C
F-KIM2/1	2615	11/4/2015 9:20	F-TEMP	20.2	20.2	1	C
F-KIM2/1	2615	2/3/2016 12:15	F-TEMP	20.4	20.4	1	C
F-KIM2/1	2615	6/29/2016 8:40	F-TEMP	20.8	20.8	1	C
F-KIM2/1	2615	6/29/2016 8:50	F-TEMP	20.9	20.9	1	C
F-KIM2/1	2615	8/4/2016 10:45	F-TEMP	21.6	21.6	1	C
F-KIM2/1	2615	8/4/2016 11:00	F-TEMP	21.2	21.2	1	C
FV-10/1	2152	11/5/2013 7:20	F-TEMP	15.4	15.4	1	C
FV-10/1	2152	1/28/2014 7:35	F-TEMP	19.8	19.8	1	C
FV-10/1	2152	4/9/2014 7:45	F-TEMP	18.9	18.9	1	C
FV-10/1	2152	6/25/2014 14:25	F-TEMP	28.1	28.1	1	C
FV-10/1	2152	7/14/2014 9:45	F-TEMP	20.8	20.8	1	C
FV-10/1	2152	10/20/2014 8:40	F-TEMP	20.9	20.9	1	C

FV-10/1	2152	11/19/2014	7:40	F-TEMP	17.6	17.6	1 C
FV-10/1	2152	11/19/2014	7:55	F-TEMP	19.2	19.2	1 C
FV-10/1	2152	1/12/2015	8:40	F-TEMP	19.1	19.1	1 C
FV-10/1	2152	4/16/2015	8:05	F-TEMP	19.2	19.2	1 C
FV-10/1	2152	5/28/2015	7:35	F-TEMP	20.7	20.7	1 C
FV-10/1	2152	7/14/2015	7:50	F-TEMP	22.6	22.6	1 C
FV-10/1	2152	10/7/2015	7:40	F-TEMP	20.2	20.2	1 C
FV-10/1	2152	1/12/2016	8:25	F-TEMP	18.4	18.4	1 C
FV-10/1	2152	2/17/2016	7:40	F-TEMP	20.1	20.1	1 C
FV-10/1	2152	4/5/2016	7:35	F-TEMP	19.7	19.7	1 C
FV-11/1	2219	10/7/2013	8:00	F-TEMP	19.7	19.7	1 C
FV-11/1	2219	1/30/2014	7:15	F-TEMP	19.3	19.3	1 C
FV-11/1	2219	3/5/2014	10:00	F-TEMP	19.7	19.7	1 C
FV-11/1	2219	4/8/2014	8:25	F-TEMP	20.2	20.2	1 C
FV-11/1	2219	7/17/2014	8:10	F-TEMP	21	21	1 C
FV-11/1	2219	10/20/2014	8:15	F-TEMP	22.2	22.2	1 C
FV-11/1	2219	11/25/2014	7:55	F-TEMP	23.9	23.9	1 C
FV-11/1	2219	1/14/2015	8:35	F-TEMP	21.2	21.2	1 C
FV-11/1	2219	4/16/2015	8:35	F-TEMP	23.4	23.4	1 C
FV-11/1	2219	7/13/2015	9:10	F-TEMP	27.2	27.2	1 C
FV-11/1	2219	7/14/2015	7:35	F-TEMP	23.2	23.2	1 C
FV-11/1	2219	10/8/2015	8:00	F-TEMP	20.6	20.6	1 C
FV-11/1	2219	1/13/2016	7:50	F-TEMP	19.4	19.4	1 C
FV-11/1	2219	4/5/2016	7:05	F-TEMP	19.5	19.5	1 C
FV-11/1	2219	7/11/2016	8:00	F-TEMP	21.7	21.7	1 C
FV-12/1	15549	10/7/2013	8:10	F-TEMP	22.4	22.4	1 C
FV-12/1	15549	1/29/2014	7:40	F-TEMP	17.9	17.9	1 C
FV-12/1	15549	4/9/2014	8:15	F-TEMP	18.9	18.9	1 C
FV-12/1	15549	4/9/2014	8:20	F-TEMP	18.8	18.8	1 C
FV-12/1	15549	7/15/2014	9:15	F-TEMP	19.1	19.1	1 C
FV-12/1	15549	4/15/2015	7:50	F-TEMP	18.2	18.2	1 C
FV-12/1	15549	7/15/2015	7:40	F-TEMP	18.5	18.5	1 C
FV-12/1	15549	4/7/2016	7:55	F-TEMP	18.3	18.3	1 C
FV-12/1	15549	4/7/2016	8:05	F-TEMP	18.5	18.5	1 C
FV-12/1	15549	7/12/2016	10:30	F-TEMP	18.6	18.6	1 C
FV-6/1	1228	10/7/2013	9:00	F-TEMP	20.7	20.7	1 C
FV-6/1	1228	1/14/2014	8:00	F-TEMP	20	20	1 C
FV-6/1	1228	4/7/2014	8:00	F-TEMP	20.7	20.7	1 C
FV-6/1	1228	7/14/2014	8:10	F-TEMP	21.1	21.1	1 C
FV-6/1	1228	10/6/2014	8:00	F-TEMP	20.6	20.6	1 C
FV-6/1	1228	1/13/2015	8:10	F-TEMP	19.7	19.7	1 C
FV-6/1	1228	4/7/2015	8:30	F-TEMP	20.8	20.8	1 C
FV-6/1	1228	7/13/2015	8:20	F-TEMP	20.9	20.9	1 C
FV-6/1	1228	10/6/2015	9:00	F-TEMP	22.9	22.9	1 C
FV-6/1	1228	1/11/2016	8:30	F-TEMP	19.4	19.4	1 C
FV-6/1	1228	2/17/2016	8:00	F-TEMP	19.5	19.5	1 C
FV-6/1	1228	4/7/2016	8:40	F-TEMP	20	20	1 C

FV-6/1	1228	4/7/2016 8:50	F-TEMP	20	20	1	C
FV-6/1	1228	7/12/2016 8:20	F-TEMP	20.1	20.1	1	C
FV-6/1	1228	8/22/2016 8:40	F-TEMP	20.7	20.7	1	C
FV-8/1	990	10/8/2013 8:30	F-TEMP	19	19	1	C
FV-8/1	990	11/27/2013 7:55	F-TEMP	18.6	18.6	1	C
FV-8/1	990	11/27/2013 8:10	F-TEMP	18.7	18.7	1	C
FV-8/1	990	1/15/2014 8:00	F-TEMP	18.9	18.9	1	C
FV-8/1	990	4/7/2014 8:40	F-TEMP	19	19	1	C
FV-8/1	990	7/15/2014 8:30	F-TEMP	19.6	19.6	1	C
FV-8/1	990	10/6/2014 10:30	F-TEMP	20.3	20.3	1	C
FV-8/1	990	1/14/2015 8:00	F-TEMP	18.1	18.1	1	C
FV-8/1	990	4/7/2015 9:15	F-TEMP	18.3	18.3	1	C
FV-8/1	990	7/13/2015 8:50	F-TEMP	19.2	19.2	1	C
FV-8/1	990	10/6/2015 8:10	F-TEMP	19.6	19.6	1	C
FV-8/1	990	1/12/2016 7:40	F-TEMP	17.7	17.7	1	C
FV-8/1	990	4/6/2016 8:10	F-TEMP	18.9	18.9	1	C
FV-8/1	990	4/6/2016 8:30	F-TEMP	18.9	18.9	1	C
FV-8/1	990	7/13/2016 7:50	F-TEMP	19.5	19.5	1	C
FV-8/1	990	8/22/2016 8:20	F-TEMP	20.4	20.4	1	C
FV-9/1	21044	10/8/2013 7:40	F-TEMP	17.9	17.9	1	C
FV-9/1	21044	1/28/2014 7:55	F-TEMP	18.8	18.8	1	C
FV-9/1	21044	4/8/2014 8:00	F-TEMP	18.8	18.8	1	C
FV-9/1	21044	7/17/2014 7:45	F-TEMP	19.3	19.3	1	C
FV-9/1	21044	10/20/2014 8:00	F-TEMP	19.2	19.2	1	C
FV-9/1	21044	1/12/2015 8:00	F-TEMP	19	19	1	C
FV-9/1	21044	4/15/2015 8:30	F-TEMP	19	19	1	C
FV-9/1	21044	7/15/2015 8:00	F-TEMP	19.2	19.2	1	C
FV-9/1	21044	10/7/2015 7:15	F-TEMP	19.1	19.1	1	C
FV-9/1	21044	1/13/2016 8:15	F-TEMP	19	19	1	C
FV-9/1	21044	4/6/2016 7:45	F-TEMP	18.9	18.9	1	C
FV-9/1	21044	7/12/2016 7:35	F-TEMP	19.4	19.4	1	C
GG-16/1	120	4/2/2014 14:00	F-TEMP	18.3	18.3	1	C
GG-16/1	120	6/25/2014 13:55	F-TEMP	19.5	19.5	1	C
GG-16/1	120	6/25/2014 14:05	F-TEMP	18.5	18.5	1	C
GG-16/1	120	7/23/2014 9:55	F-TEMP	18.2	18.2	1	C
GG-16/1	120	4/1/2015 14:00	F-TEMP	18.3	18.3	1	C
GG-19/1	2673	10/16/2013 8:20	F-TEMP	17.1	17.1	1	C
GG-19/1	2673	1/8/2014 8:35	F-TEMP	16.3	16.3	1	C
GG-19/1	2673	4/2/2014 8:25	F-TEMP	17.1	17.1	1	C
GG-19/1	2673	7/23/2014 7:55	F-TEMP	17.3	17.3	1	C
GG-19/1	2673	10/15/2014 8:00	F-TEMP	17.4	17.4	1	C
GG-19/1	2673	1/7/2015 8:15	F-TEMP	16.8	16.8	1	C
GG-19/1	2673	4/1/2015 7:55	F-TEMP	17.2	17.2	1	C
GG-19/1	2673	7/22/2015 8:00	F-TEMP	17.3	17.3	1	C
GG-19/1	2673	10/14/2015 8:05	F-TEMP	17.4	17.4	1	C
GG-19/1	2673	1/6/2016 8:00	F-TEMP	17.2	17.2	1	C
GG-19/1	2673	6/30/2016 10:55	F-TEMP	19.5	19.5	1	C

GG-19/1	2673	7/20/2016 7:55	F-TEMP	17.5	17.5	1	C
GG-20/1	126	1/8/2014 11:00	F-TEMP	17.1	17.1	1	C
GG-20/1	126	7/23/2014 10:30	F-TEMP	17.4	17.4	1	C
GG-20/1	126	1/7/2015 10:10	F-TEMP	17.4	17.4	1	C
GG-20/1	126	4/1/2015 10:25	F-TEMP	17.5	17.5	1	C
GG-20/1	126	1/6/2016 10:05	F-TEMP	17.4	17.4	1	C
GG-21/1	113	10/16/2013 9:05	F-TEMP	17	17	1	C
GG-21/1	113	1/8/2014 9:55	F-TEMP	16.4	16.4	1	C
GG-21/1	113	4/2/2014 9:10	F-TEMP	16.5	16.5	1	C
GG-21/1	113	7/23/2014 9:00	F-TEMP	16.7	16.7	1	C
GG-21/1	113	10/15/2014 8:50	F-TEMP	16.9	16.9	1	C
GG-21/1	113	1/7/2015 9:00	F-TEMP	16.4	16.4	1	C
GG-21/1	113	4/1/2015 8:50	F-TEMP	16.8	16.8	1	C
GG-21/1	113	7/22/2015 8:40	F-TEMP	17	17	1	C
GG-21/1	113	10/14/2015 8:50	F-TEMP	17	17	1	C
GG-21/1	113	1/6/2016 8:45	F-TEMP	16.5	16.5	1	C
GG-21/1	113	7/20/2016 10:10	F-TEMP	17.4	17.4	1	C
GG-22/1	929	10/16/2013 12:10	F-TEMP	19.2	19.2	1	C
GG-22/1	929	1/8/2014 14:35	F-TEMP	17.7	17.7	1	C
GG-22/1	929	4/2/2014 14:40	F-TEMP	17.7	17.7	1	C
GG-22/1	929	7/23/2014 14:05	F-TEMP	17.9	17.9	1	C
GG-22/1	929	10/15/2014 14:30	F-TEMP	18.3	18.3	1	C
GG-22/1	929	1/7/2015 14:40	F-TEMP	17.8	17.8	1	C
GG-22/1	929	4/1/2015 14:40	F-TEMP	18.1	18.1	1	C
GG-22/1	929	7/22/2015 14:30	F-TEMP	19.8	19.8	1	C
GG-22/1	929	10/14/2015 14:40	F-TEMP	18.2	18.2	1	C
GG-22/1	929	1/6/2016 11:50	F-TEMP	17.8	17.8	1	C
GG-22/1	929	7/20/2016 11:45	F-TEMP	18.9	18.9	1	C
GG-23/1	2683	10/16/2013 7:15	F-TEMP	16.5	16.5	1	C
GG-23/1	2683	1/8/2014 7:40	F-TEMP	15.7	15.7	1	C
GG-23/1	2683	4/2/2014 7:00	F-TEMP	16.4	16.4	1	C
GG-23/1	2683	7/23/2014 7:00	F-TEMP	16.4	16.4	1	C
GG-23/1	2683	10/15/2014 7:00	F-TEMP	16.7	16.7	1	C
GG-23/1	2683	1/7/2015 9:20	F-TEMP	16.4	16.4	1	C
GG-23/1	2683	4/1/2015 9:25	F-TEMP	16.7	16.7	1	C
GG-23/1	2683	7/22/2015 9:20	F-TEMP	17.2	17.2	1	C
GG-23/1	2683	10/14/2015 9:15	F-TEMP	17	17	1	C
GG-23/1	2683	1/6/2016 9:20	F-TEMP	16.6	16.6	1	C
GG-23/1	2683	6/30/2016 10:00	F-TEMP	16.7	16.7	1	C
GG-23/1	2683	7/20/2016 9:30	F-TEMP	17.5	17.5	1	C
GG-25/1	971	10/16/2013 10:50	F-TEMP	18.8	18.8	1	C
GG-25/1	971	1/8/2014 12:20	F-TEMP	16.9	16.9	1	C
GG-25/1	971	4/2/2014 11:25	F-TEMP	16.9	16.9	1	C
GG-25/1	971	7/23/2014 11:35	F-TEMP	17.3	17.3	1	C
GG-25/1	971	10/15/2014 11:40	F-TEMP	18.1	18.1	1	C
GG-25/1	971	1/7/2015 11:30	F-TEMP	17	17	1	C
GG-25/1	971	4/1/2015 11:40	F-TEMP	17.4	17.4	1	C

GG-25/1	971	7/22/2015	11:40	F-TEMP	17.3	17.3	1 C
GG-25/1	971	10/14/2015	11:35	F-TEMP	17.4	17.4	1 C
GG-25/1	971	1/6/2016	10:45	F-TEMP	17.1	17.1	1 C
GG-25/1	971	7/20/2016	11:10	F-TEMP	18.2	18.2	1 C
GG-26/1	969	10/16/2013	9:50	F-TEMP	18.2	18.2	1 C
GG-26/1	969	1/8/2014	11:25	F-TEMP	17.2	17.2	1 C
GG-26/1	969	4/2/2014	11:05	F-TEMP	17.3	17.3	1 C
GG-26/1	969	7/23/2014	10:50	F-TEMP	17.2	17.2	1 C
GG-26/1	969	10/15/2014	11:00	F-TEMP	17.5	17.5	1 C
GG-26/1	969	1/7/2015	11:05	F-TEMP	17.1	17.1	1 C
GG-26/1	969	4/1/2015	11:00	F-TEMP	17.4	17.4	1 C
GG-26/1	969	7/22/2015	10:55	F-TEMP	17.7	17.7	1 C
GG-26/1	969	10/14/2015	11:05	F-TEMP	17.7	17.7	1 C
GG-26/1	969	1/6/2016	11:15	F-TEMP	17.2	17.2	1 C
GG-26/1	969	7/20/2016	10:45	F-TEMP	18.2	18.2	1 C
GG-27/1	900	10/16/2013	7:55	F-TEMP	17.2	17.2	1 C
GG-27/1	900	1/8/2014	8:10	F-TEMP	17.3	17.3	1 C
GG-27/1	900	4/2/2014	7:40	F-TEMP	17.3	17.3	1 C
GG-27/1	900	7/23/2014	7:30	F-TEMP	17.6	17.6	1 C
GG-27/1	900	10/15/2014	7:35	F-TEMP	17.7	17.7	1 C
GG-27/1	900	1/7/2015	7:15	F-TEMP	17.3	17.3	1 C
GG-27/1	900	4/1/2015	7:30	F-TEMP	17.6	17.6	1 C
GG-27/1	900	7/22/2015	7:35	F-TEMP	18.2	18.2	1 C
GG-27/1	900	10/14/2015	7:45	F-TEMP	17.7	17.7	1 C
GG-27/1	900	1/6/2016	7:35	F-TEMP	17.2	17.2	1 C
GG-27/1	900	7/20/2016	7:30	F-TEMP	17.8	17.8	1 C
GG-28/1	2687	10/16/2013	7:25	F-TEMP	18.5	18.5	1 C
GG-28/1	2687	1/8/2014	7:55	F-TEMP	18.5	18.5	1 C
GG-28/1	2687	4/2/2014	7:15	F-TEMP	18.9	18.9	1 C
GG-28/1	2687	7/23/2014	7:10	F-TEMP	18.9	18.9	1 C
GG-28/1	2687	8/21/2014	10:00	F-TEMP	19.1	19.1	1 C
GG-28/1	2687	8/21/2014	10:10	F-TEMP	19.8	19.8	1 C
GG-28/1	2687	10/15/2014	7:15	F-TEMP	19.2	19.2	1 C
GG-28/1	2687	1/7/2015	7:55	F-TEMP	18.7	18.7	1 C
GG-28/1	2687	3/4/2015	7:00	F-TEMP	19	19	1 C
GG-28/1	2687	4/1/2015	7:10	F-TEMP	19.2	19.2	1 C
GG-28/1	2687	7/22/2015	7:15	F-TEMP	19.4	19.4	1 C
GG-28/1	2687	10/14/2015	7:15	F-TEMP	19.3	19.3	1 C
GG-28/1	2687	1/6/2016	7:15	F-TEMP	19	19	1 C
GG-28/1	2687	6/30/2016	10:15	F-TEMP	19.5	19.5	1 C
GG-28/1	2687	7/20/2016	7:15	F-TEMP	19.4	19.4	1 C
GG-29/1	11911	12/11/2013	10:00	F-TEMP	17.1	17.1	1 C
GG-29/1	11911	1/8/2014	10:40	F-TEMP	17.4	17.4	1 C
GG-29/1	11911	1/22/2014	10:00	F-TEMP	17.3	17.3	1 C
GG-29/1	11911	1/22/2014	10:10	F-TEMP	17.3	17.3	1 C
GG-29/1	11911	4/2/2014	10:15	F-TEMP	17.3	17.3	1 C
GG-29/1	11911	9/30/2014	10:00	F-TEMP	18.5	18.5	1 C

GG-29/1	11911	9/30/2014	10:10	F-TEMP	18.3	18.3	1 C
GG-29/1	11911	10/15/2014	9:40	F-TEMP	17.5	17.5	1 C
GG-29/1	11911	10/15/2014	9:45	F-TEMP	17.5	17.5	1 C
GG-29/1	11911	1/7/2015	10:35	F-TEMP	17.6	17.6	1 C
GG-29/1	11911	4/1/2015	10:00	F-TEMP	17.6	17.6	1 C
GG-29/1	11911	7/22/2015	9:40	F-TEMP	18.4	18.4	1 C
GG-29/1	11911	10/14/2015	9:40	F-TEMP	17.9	17.9	1 C
GG-29/1	11911	1/6/2016	9:40	F-TEMP	17	17	1 C
GG-29/1	11911	7/20/2016	9:50	F-TEMP	18	18	1 C
GG-30/1	19549	10/16/2013	9:25	F-TEMP	17.9	17.9	1 C
GG-30/1	19549	1/8/2014	9:40	F-TEMP	16.4	16.4	1 C
GG-30/1	19549	1/15/2014	9:00	F-TEMP	17.4	17.4	1 C
GG-30/1	19549	4/2/2014	9:00	F-TEMP	17	17	1 C
GG-30/1	19549	7/23/2014	8:25	F-TEMP	17.1	17.1	1 C
GG-30/1	19549	10/15/2014	8:30	F-TEMP	17.3	17.3	1 C
GG-30/1	19549	1/7/2015	8:40	F-TEMP	16.9	16.9	1 C
GG-30/1	19549	3/4/2015	8:35	F-TEMP	17.2	17.2	1 C
GG-30/1	19549	4/1/2015	9:05	F-TEMP	17.4	17.4	1 C
GG-30/1	19549	7/22/2015	8:20	F-TEMP	17.7	17.7	1 C
GG-30/1	19549	10/14/2015	8:35	F-TEMP	17.4	17.4	1 C
GG-30/1	19549	1/6/2016	8:30	F-TEMP	17.2	17.2	1 C
GG-30/1	19549	7/20/2016	8:25	F-TEMP	17.4	17.4	1 C
GG-31/1	21519	12/3/2013	10:00	F-TEMP	16.6	16.6	1 C
GG-31/1	21519	1/8/2014	10:15	F-TEMP	16.8	16.8	1 C
GG-31/1	21519	4/2/2014	9:55	F-TEMP	16.9	16.9	1 C
GG-31/1	21519	4/2/2014	10:00	F-TEMP	17	17	1 C
GG-31/1	21519	7/23/2014	9:25	F-TEMP	17.3	17.3	1 C
GG-31/1	21519	10/15/2014	9:20	F-TEMP	16.9	16.9	1 C
GG-31/1	21519	1/7/2015	7:45	F-TEMP	16.9	16.9	1 C
GG-31/1	21519	4/1/2015	7:00	F-TEMP	17.4	17.4	1 C
GG-31/1	21519	7/22/2015	7:05	F-TEMP	17.9	17.9	1 C
GG-31/1	21519	10/14/2015	7:05	F-TEMP	17.7	17.7	1 C
GG-31/1	21519	1/6/2016	7:00	F-TEMP	17.5	17.5	1 C
GG-31/1	21519	7/20/2016	7:05	F-TEMP	17.6	17.6	1 C
GSWC-POF	20696	7/30/2014	9:50	F-TEMP	22.8	22.8	1 C
GSWC-POF	20696	9/24/2014	10:10	F-TEMP	22.7	22.7	1 C
GSWC-POF	20696	9/24/2014	10:25	F-TEMP	22.8	22.8	1 C
GSWC-POF	20696	11/19/2014	9:20	F-TEMP	22.3	22.3	1 C
GSWC-POF	20696	2/11/2015	11:00	F-TEMP	22.7	22.7	1 C
GSWC-POF	20696	3/18/2015	12:45	F-TEMP	22.6	22.6	1 C
GSWC-POF	20696	3/18/2015	13:00	F-TEMP	22.6	22.6	1 C
GSWC-POF	20696	6/15/2015	9:30	F-TEMP	22.6	22.6	1 C
GSWC-POF	20696	6/15/2015	9:40	F-TEMP	22.7	22.7	1 C
GSWC-SCL	21250	10/29/2013	8:15	F-TEMP	17.5	17.5	1 C
GSWC-SCL	21250	2/13/2014	8:40	F-TEMP	17.7	17.7	1 C
GSWC-SCL	21250	2/4/2015	10:10	F-TEMP	17.6	17.6	1 C
GSWC-SCL	21250	2/17/2016	10:25	F-TEMP	18	18	1 C

GSWC-SCL	21250	6/1/2016 10:30	F-TEMP	18	18	1	C
HB-10/1	1245	11/12/2013 8:50	F-TEMP	20.7	20.7	1	C
HB-10/1	1245	2/12/2014 8:50	F-TEMP	19.9	19.9	1	C
HB-10/1	1245	5/6/2014 10:00	F-TEMP	21	21	1	C
HB-10/1	1245	8/6/2014 9:10	F-TEMP	21.2	21.2	1	C
HB-10/1	1245	11/12/2014 9:35	F-TEMP	21.2	21.2	1	C
HB-10/1	1245	2/18/2015 9:20	F-TEMP	21.1	21.1	1	C
HB-10/1	1245	5/5/2015 9:50	F-TEMP	21.6	21.6	1	C
HB-10/1	1245	7/30/2015 11:10	F-TEMP	21.9	21.9	1	C
HB-10/1	1245	11/16/2015 9:20	F-TEMP	21.4	21.4	1	C
HB-10/1	1245	2/2/2016 9:35	F-TEMP	21.6	21.6	1	C
HB-10/1	1245	7/28/2016 9:10	F-TEMP	22.1	22.1	1	C
HB-13/1	18385	11/12/2013 9:35	F-TEMP	21	21	1	C
HB-13/1	18385	2/12/2014 10:00	F-TEMP	19.6	19.6	1	C
HB-13/1	18385	5/6/2014 10:50	F-TEMP	20.9	20.9	1	C
HB-13/1	18385	6/24/2014 8:55	F-TEMP	21.2	21.2	1	C
HB-13/1	18385	6/24/2014 9:10	F-TEMP	21.2	21.2	1	C
HB-13/1	18385	8/6/2014 10:25	F-TEMP	21.3	21.3	1	C
HB-13/1	18385	11/12/2014 11:05	F-TEMP	20	20	1	C
HB-13/1	18385	3/30/2015 8:55	F-TEMP	19.8	19.8	1	C
HB-13/1	18385	7/30/2015 9:05	F-TEMP	21.3	21.3	1	C
HB-13/1	18385	11/3/2015 10:00	F-TEMP	20.8	20.8	1	C
HB-13/1	18385	2/2/2016 10:50	F-TEMP	21	21	1	C
HB-13/1	18385	2/10/2016 11:10	F-TEMP	21.3	21.3	1	C
HB-13/1	18385	3/21/2016 7:15	F-TEMP	21	21	1	C
HB-13/1	18385	7/28/2016 10:45	F-TEMP	21.7	21.7	1	C
HB-13/1	18385	8/29/2016 8:05	F-TEMP	20.2	20.2	1	C
HB-3A/1	10209	11/5/2013 13:15	F-TEMP	22.2	22.2	1	C
HB-3A/1	10209	3/10/2014 10:00	F-TEMP	21.8	21.8	1	C
HB-3A/1	10209	5/6/2014 9:20	F-TEMP	21.9	21.9	1	C
HB-3A/1	10209	8/6/2014 8:50	F-TEMP	22.1	22.1	1	C
HB-3A/1	10209	3/30/2015 8:20	F-TEMP	21.8	21.8	1	C
HB-3A/1	10209	5/5/2015 9:20	F-TEMP	22.6	22.6	1	C
HB-3A/1	10209	7/30/2015 10:10	F-TEMP	21.9	21.9	1	C
HB-3A/1	10209	9/3/2015 8:45	F-TEMP	21.5	21.5	1	C
HB-3A/1	10209	9/3/2015 9:00	F-TEMP	21.5	21.5	1	C
HB-4/1	130	11/12/2013 9:25	F-TEMP	20.5	20.5	1	C
HB-4/1	130	12/16/2013 9:40	F-TEMP	20.6	20.6	1	C
HB-4/1	130	12/16/2013 9:55	F-TEMP	20.5	20.5	1	C
HB-4/1	130	2/12/2014 10:10	F-TEMP	21	21	1	C
HB-4/1	130	5/6/2014 11:05	F-TEMP	20.7	20.7	1	C
HB-4/1	130	8/6/2014 10:10	F-TEMP	21.5	21.5	1	C
HB-4/1	130	3/30/2015 8:40	F-TEMP	19.9	19.9	1	C
HB-4/1	130	4/27/2015 10:00	F-TEMP	20.6	20.6	1	C
HB-4/1	130	4/27/2015 10:15	F-TEMP	20.6	20.6	1	C
HB-4/1	130	5/5/2015 10:45	F-TEMP	20.4	20.4	1	C
HB-4/1	130	6/8/2015 9:15	F-TEMP	20.3	20.3	1	C

HB-4/1	130	6/8/2015 9:30	F-TEMP	20.4	20.4	1 C
HB-4/1	130	7/30/2015 9:20	F-TEMP	21.1	21.1	1 C
HB-4/1	130	11/3/2015 9:40	F-TEMP	20.4	20.4	1 C
HB-4/1	130	2/2/2016 10:30	F-TEMP	20.8	20.8	1 C
HB-4/1	130	5/25/2016 11:00	F-TEMP	20.8	20.8	1 C
HB-4/1	130	7/28/2016 10:20	F-TEMP	21.7	21.7	1 C
HB-5/1	1253	11/12/2013 10:35	F-TEMP	21.7	21.7	1 C
HB-5/1	1253	2/12/2014 8:15	F-TEMP	21.3	21.3	1 C
HB-5/1	1253	5/6/2014 8:50	F-TEMP	21.1	21.1	1 C
HB-5/1	1253	8/6/2014 8:30	F-TEMP	21.7	21.7	1 C
HB-5/1	1253	11/12/2014 9:05	F-TEMP	20.3	20.3	1 C
HB-5/1	1253	2/18/2015 8:55	F-TEMP	21.6	21.6	1 C
HB-5/1	1253	5/5/2015 8:40	F-TEMP	21.5	21.5	1 C
HB-5/1	1253	8/13/2015 8:20	F-TEMP	21.6	21.6	1 C
HB-5/1	1253	3/29/2016 8:00	F-TEMP	18.7	18.7	1 C
HB-5/1	1253	9/14/2016 10:35	F-TEMP	20.3	20.3	1 C
HB-5/1	1253	9/14/2016 10:45	F-TEMP	20.3	20.3	1 C
HB-5/1	1253	9/14/2016 11:00	F-TEMP	20.3	20.3	1 C
HB-5/1	1253	9/22/2016 8:20	F-TEMP	20.2	20.2	1 C
HB-5/1	1253	9/22/2016 8:40	F-TEMP	20.2	20.2	1 C
HB-6/1	1247	11/12/2013 10:00	F-TEMP	19.9	19.9	1 C
HB-6/1	1247	1/14/2014 11:10	F-TEMP	21.3	21.3	1 C
HB-6/1	1247	1/14/2014 11:20	F-TEMP	21.3	21.3	1 C
HB-6/1	1247	2/12/2014 9:25	F-TEMP	20	20	1 C
HB-6/1	1247	5/6/2014 10:20	F-TEMP	20.2	20.2	1 C
HB-6/1	1247	5/6/2014 10:30	F-TEMP	20.8	20.8	1 C
HB-6/1	1247	8/6/2014 9:25	F-TEMP	20.6	20.6	1 C
HB-6/1	1247	11/12/2014 9:55	F-TEMP	20.9	20.9	1 C
HB-6/1	1247	2/18/2015 9:50	F-TEMP	22	22	1 C
HB-6/1	1247	5/5/2015 10:10	F-TEMP	20.6	20.6	1 C
HB-6/1	1247	7/30/2015 11:40	F-TEMP	20.6	20.6	1 C
HB-6/1	1247	9/14/2015 10:35	F-TEMP	20.8	20.8	1 C
HB-6/1	1247	9/14/2015 10:50	F-TEMP	20.9	20.9	1 C
HB-6/1	1247	11/3/2015 9:10	F-TEMP	21.8	21.8	1 C
HB-6/1	1247	2/2/2016 11:15	F-TEMP	22.4	22.4	1 C
HB-6/1	1247	3/2/2016 8:55	F-TEMP	22.4	22.4	1 C
HB-6/1	1247	3/2/2016 9:10	F-TEMP	22.4	22.4	1 C
HB-6/1	1247	5/25/2016 9:50	F-TEMP	22.5	22.5	1 C
HB-6/1	1247	5/25/2016 10:00	F-TEMP	22.6	22.6	1 C
HB-6/1	1247	7/28/2016 9:30	F-TEMP	22.7	22.7	1 C
HB-6/1	1247	7/28/2016 9:45	F-TEMP	22.9	22.9	1 C
HB-6/1	1247	8/29/2016 8:45	F-TEMP	22.4	22.4	1 C
HB-6/1	1247	9/14/2016 8:25	F-TEMP	22.5	22.5	1 C
HB-6/1	1247	9/14/2016 8:40	F-TEMP	22.5	22.5	1 C
HB-7/1	1262	11/12/2013 9:10	F-TEMP	20.5	20.5	1 C
HB-7/1	1262	12/16/2013 9:20	F-TEMP	20.5	20.5	1 C
HB-7/1	1262	12/16/2013 9:35	F-TEMP	20.5	20.5	1 C

HB-7/1	1262	2/12/2014 10:20	F-TEMP	20.8	20.8	1 C
HB-7/1	1262	5/6/2014 11:15	F-TEMP	18.6	18.6	1 C
HB-7/1	1262	8/6/2014 9:50	F-TEMP	19.3	19.3	1 C
HB-7/1	1262	9/2/2014 9:35	F-TEMP	21.2	21.2	1 C
HB-7/1	1262	11/12/2014 10:25	F-TEMP	18.9	18.9	1 C
HB-7/1	1262	2/18/2015 10:25	F-TEMP	19.7	19.7	1 C
HB-7/1	1262	5/5/2015 10:30	F-TEMP	19.8	19.8	1 C
HB-7/1	1262	7/30/2015 9:40	F-TEMP	20.9	20.9	1 C
HB-7/1	1262	11/5/2015 8:10	F-TEMP	19	19	1 C
HB-7/1	1262	2/2/2016 10:10	F-TEMP	20.7	20.7	1 C
HB-7/1	1262	2/10/2016 10:55	F-TEMP	20.8	20.8	1 C
HB-7/1	1262	3/21/2016 7:00	F-TEMP	20.7	20.7	1 C
HB-7/1	1262	5/25/2016 10:40	F-TEMP	20.1	20.1	1 C
HB-7/1	1262	8/17/2016 8:30	F-TEMP	18.9	18.9	1 C
HB-9/1	129	11/12/2013 10:20	F-TEMP	23.1	23.1	1 C
HB-9/1	129	2/12/2014 7:50	F-TEMP	22.4	22.4	1 C
HB-9/1	129	5/6/2014 8:20	F-TEMP	23.7	23.7	1 C
HB-9/1	129	5/6/2014 8:30	F-TEMP	23.6	23.6	1 C
HB-9/1	129	8/6/2014 8:05	F-TEMP	23.9	23.9	1 C
HB-9/1	129	11/12/2014 8:40	F-TEMP	23.9	23.9	1 C
HB-9/1	129	2/18/2015 8:40	F-TEMP	22.9	22.9	1 C
HB-9/1	129	5/5/2015 8:20	F-TEMP	23.5	23.5	1 C
HB-9/1	129	7/30/2015 10:40	F-TEMP	24.2	24.2	1 C
HB-9/1	129	8/13/2015 7:50	F-TEMP	23.9	23.9	1 C
HB-9/1	129	8/13/2015 8:05	F-TEMP	23.9	23.9	1 C
HB-9/1	129	8/27/2015 8:05	F-TEMP	23.6	23.6	1 C
HB-9/1	129	8/27/2015 8:20	F-TEMP	23.6	23.6	1 C
HB-9/1	129	11/3/2015 8:40	F-TEMP	23.6	23.6	1 C
HB-9/1	129	2/2/2016 8:05	F-TEMP	23	23	1 C
HB-9/1	129	5/25/2016 10:20	F-TEMP	23.4	23.4	1 C
HB-9/1	129	7/28/2016 8:20	F-TEMP	23.7	23.7	1 C
IRWD-1/1	124	3/18/2014 8:25	F-TEMP	23	23	1 C
IRWD-1/1	124	4/30/2014 9:10	F-TEMP	24.7	24.7	1 C
IRWD-1/1	124	1/27/2015 10:15	F-TEMP	23.1	23.1	1 C
IRWD-1/1	124	3/11/2015 8:05	F-TEMP	22	22	1 C
IRWD-1/1	124	3/11/2015 8:15	F-TEMP	22.6	22.6	1 C
IRWD-1/1	124	5/28/2015 8:10	F-TEMP	24.6	24.6	1 C
IRWD-1/1	124	12/28/2015 8:15	F-TEMP	22.8	22.8	1 C
IRWD-1/1	124	12/28/2015 8:30	F-TEMP	21.8	21.8	1 C
IRWD-1/1	124	2/23/2016 8:15	F-TEMP	22.5	22.5	1 C
IRWD-1/1	124	6/8/2016 8:45	F-TEMP	24.5	24.5	1 C
IRWD-10/1	11477	3/10/2014 8:10	F-TEMP	23.2	23.2	1 C
IRWD-10/1	11477	4/30/2014 8:25	F-TEMP	23.4	23.4	1 C
IRWD-10/1	11477	1/27/2015 9:30	F-TEMP	23	23	1 C
IRWD-10/1	11477	1/28/2016 8:20	F-TEMP	22.6	22.6	1 C
IRWD-10/1	11477	6/8/2016 7:55	F-TEMP	23.3	23.3	1 C
IRWD-107I	22343	2/26/2014 9:45	F-TEMP	27.1	27.1	1 C

IRWD-107I	22343	4/30/2014 11:10	F-TEMP	28	28	1	C
IRWD-107I	22343	1/26/2015 11:45	F-TEMP	28.1	28.1	1	C
IRWD-107I	22343	1/28/2016 9:25	F-TEMP	27.1	27.1	1	C
IRWD-107I	22343	5/31/2016 11:15	F-TEMP	28	28	1	C
IRWD-11/1	1224	8/28/2014 10:45	F-TEMP	24.6	24.6	1	C
IRWD-11/1	1224	11/3/2014 8:00	F-TEMP	24.7	24.7	1	C
IRWD-11/1	1224	8/20/2015 8:40	F-TEMP	24.9	24.9	1	C
IRWD-11/1	1224	7/26/2016 9:00	F-TEMP	24.8	24.8	1	C
IRWD-11/1	1224	8/9/2016 10:00	F-TEMP	24.7	24.7	1	C
IRWD-11/1	1224	8/9/2016 10:10	F-TEMP	24.4	24.4	1	C
IRWD-11/1	1224	8/10/2016 10:05	F-TEMP	24.8	24.8	1	C
IRWD-110/	19367	11/25/2013 11:25	F-TEMP	30.3	30.3	1	C
IRWD-110/	19367	2/26/2014 10:20	F-TEMP	29.5	29.5	1	C
IRWD-110/	19367	4/30/2014 12:15	F-TEMP	30.3	30.3	1	C
IRWD-110/	19367	8/19/2014 10:15	F-TEMP	30.6	30.6	1	C
IRWD-110/	19367	8/28/2014 9:40	F-TEMP	30.1	30.1	1	C
IRWD-110/	19367	11/4/2014 11:15	F-TEMP	30.3	30.3	1	C
IRWD-110/	19367	1/26/2015 11:05	F-TEMP	30.1	30.1	1	C
IRWD-110/	19367	5/14/2015 10:50	F-TEMP	30.3	30.3	1	C
IRWD-110/	19367	8/6/2015 9:25	F-TEMP	30.3	30.3	1	C
IRWD-110/	19367	10/12/2015 10:00	F-TEMP	30.5	30.5	1	C
IRWD-110/	19367	1/28/2016 10:25	F-TEMP	30.1	30.1	1	C
IRWD-110/	19367	2/23/2016 11:10	F-TEMP	30.2	30.2	1	C
IRWD-110/	19367	5/31/2016 12:25	F-TEMP	30.1	30.1	1	C
IRWD-110/	19367	8/9/2016 11:45	F-TEMP	30.6	30.6	1	C
IRWD-110/	19367	8/9/2016 11:55	F-TEMP	30.8	30.8	1	C
IRWD-115I	22857	10/7/2014 13:00	F-TEMP	27.4	27.4	1	C
IRWD-115I	22857	1/12/2015 11:20	F-TEMP	27.3	27.3	1	C
IRWD-115I	22857	4/8/2015 10:00	F-TEMP	27.3	27.3	1	C
IRWD-115I	22857	7/14/2015 9:00	F-TEMP	25.5	25.5	1	C
IRWD-115I	22857	12/28/2015 9:20	F-TEMP	24.6	24.6	1	C
IRWD-115I	22857	12/28/2015 9:30	F-TEMP	24.5	24.5	1	C
IRWD-115I	22857	3/8/2016 10:00	F-TEMP	25.3	25.3	1	C
IRWD-115I	22857	3/8/2016 10:10	F-TEMP	25	25	1	C
IRWD-115I	22857	7/28/2016 12:00	F-TEMP	27.1	27.1	1	C
IRWD-12/1	991	10/8/2013 9:45	F-TEMP	21.9	21.9	1	C
IRWD-12/1	991	1/15/2014 10:00	F-TEMP	21.9	21.9	1	C
IRWD-12/1	991	4/8/2014 9:10	F-TEMP	22.6	22.6	1	C
IRWD-12/1	991	7/15/2014 10:00	F-TEMP	22.1	22.1	1	C
IRWD-12/1	991	10/7/2014 10:30	F-TEMP	22	22	1	C
IRWD-12/1	991	1/14/2015 9:45	F-TEMP	21.6	21.6	1	C
IRWD-12/1	991	4/8/2015 9:00	F-TEMP	21.5	21.5	1	C
IRWD-12/1	991	7/15/2015 9:10	F-TEMP	20.4	20.4	1	C
IRWD-12/1	991	10/6/2015 9:30	F-TEMP	21.8	21.8	1	C
IRWD-12/1	991	1/12/2016 9:10	F-TEMP	21.1	21.1	1	C
IRWD-12/1	991	4/6/2016 9:20	F-TEMP	21.8	21.8	1	C
IRWD-12/1	991	7/12/2016 9:20	F-TEMP	21.9	21.9	1	C

IRWD-13/1	1227	10/30/2013 10:00	F-TEMP	23.2	23.2	1 C
IRWD-13/1	1227	10/31/2013 8:25	F-TEMP	23.2	23.2	1 C
IRWD-13/1	1227	2/11/2014 12:15	F-TEMP	22.5	22.5	1 C
IRWD-13/1	1227	5/7/2014 8:10	F-TEMP	22.7	22.7	1 C
IRWD-13/1	1227	6/10/2014 10:15	F-TEMP	23.5	23.5	1 C
IRWD-13/1	1227	6/10/2014 10:25	F-TEMP	23.5	23.5	1 C
IRWD-13/1	1227	8/20/2014 8:25	F-TEMP	23.4	23.4	1 C
IRWD-13/1	1227	8/21/2014 8:00	F-TEMP	23.1	23.1	1 C
IRWD-13/1	1227	12/17/2014 9:00	F-TEMP	22.2	22.2	1 C
IRWD-13/1	1227	3/18/2015 10:20	F-TEMP	22.3	22.3	1 C
IRWD-13/1	1227	6/11/2015 8:10	F-TEMP	23	23	1 C
IRWD-13/1	1227	8/13/2015 8:45	F-TEMP	22.9	22.9	1 C
IRWD-13/1	1227	11/5/2015 9:05	F-TEMP	22.6	22.6	1 C
IRWD-13/1	1227	3/7/2016 11:10	F-TEMP	22.2	22.2	1 C
IRWD-13/1	1227	6/2/2016 7:50	F-TEMP	22.1	22.1	1 C
IRWD-13/1	1227	9/12/2016 7:40	F-TEMP	22.5	22.5	1 C
IRWD-14/1	1226	10/30/2013 9:45	F-TEMP	23.9	23.9	1 C
IRWD-14/1	1226	10/31/2013 8:45	F-TEMP	23.4	23.4	1 C
IRWD-14/1	1226	3/25/2014 9:40	F-TEMP	24	24	1 C
IRWD-14/1	1226	5/7/2014 8:35	F-TEMP	24.2	24.2	1 C
IRWD-14/1	1226	6/3/2014 7:30	F-TEMP	24	24	1 C
IRWD-14/1	1226	6/3/2014 7:45	F-TEMP	24.1	24.1	1 C
IRWD-14/1	1226	8/20/2014 8:40	F-TEMP	24.2	24.2	1 C
IRWD-14/1	1226	11/12/2014 8:15	F-TEMP	23.8	23.8	1 C
IRWD-14/1	1226	11/17/2014 10:10	F-TEMP	22.9	22.9	1 C
IRWD-14/1	1226	3/19/2015 8:10	F-TEMP	23	23	1 C
IRWD-14/1	1226	3/26/2015 8:30	F-TEMP	23.2	23.2	1 C
IRWD-14/1	1226	6/3/2015 9:05	F-TEMP	23.8	23.8	1 C
IRWD-14/1	1226	8/20/2015 8:25	F-TEMP	23.6	23.6	1 C
IRWD-14/1	1226	10/12/2015 8:15	F-TEMP	23.4	23.4	1 C
IRWD-14/1	1226	2/29/2016 9:25	F-TEMP	23.2	23.2	1 C
IRWD-14/1	1226	6/23/2016 8:35	F-TEMP	23	23	1 C
IRWD-14/1	1226	7/26/2016 8:20	F-TEMP	23.2	23.2	1 C
IRWD-14/1	1226	7/26/2016 8:30	F-TEMP	23.2	23.2	1 C
IRWD-14/1	1226	8/9/2016 9:40	F-TEMP	23.5	23.5	1 C
IRWD-14/1	1226	8/9/2016 9:50	F-TEMP	23.5	23.5	1 C
IRWD-14/1	1226	8/10/2016 9:25	F-TEMP	23.7	23.7	1 C
IRWD-14/1	1226	8/10/2016 9:40	F-TEMP	23.6	23.6	1 C
IRWD-15/1	7083	2/19/2014 11:00	F-TEMP	23.8	23.8	1 C
IRWD-15/1	7083	4/30/2014 8:45	F-TEMP	23.6	23.6	1 C
IRWD-15/1	7083	4/29/2015 8:00	F-TEMP	23.8	23.8	1 C
IRWD-15/1	7083	1/28/2016 8:45	F-TEMP	23.3	23.3	1 C
IRWD-15/1	7083	6/8/2016 8:15	F-TEMP	23.7	23.7	1 C
IRWD-16/1	14828	11/5/2013 11:20	F-TEMP	21.7	21.7	1 C
IRWD-16/1	14828	3/11/2014 9:30	F-TEMP	21.1	21.1	1 C
IRWD-16/1	14828	5/15/2014 9:10	F-TEMP	23.2	23.2	1 C
IRWD-16/1	14828	5/15/2014 9:25	F-TEMP	22.5	22.5	1 C

IRWD-16/1	14828	8/28/2014 10:25	F-TEMP	22.4	22.4	1	C
IRWD-16/1	14828	12/10/2014 9:20	F-TEMP	21.3	21.3	1	C
IRWD-16/1	14828	3/25/2015 9:40	F-TEMP	21.6	21.6	1	C
IRWD-16/1	14828	5/6/2015 7:55	F-TEMP	21.4	21.4	1	C
IRWD-16/1	14828	8/20/2015 8:15	F-TEMP	21.6	21.6	1	C
IRWD-16/1	14828	10/26/2015 8:35	F-TEMP	21.6	21.6	1	C
IRWD-16/1	14828	11/10/2015 8:20	F-TEMP	21.2	21.2	1	C
IRWD-16/1	14828	2/23/2016 7:55	F-TEMP	21.9	21.9	1	C
IRWD-16/1	14828	6/8/2016 7:40	F-TEMP	21.4	21.4	1	C
IRWD-16/1	14828	8/9/2016 9:35	F-TEMP	21.9	21.9	1	C
IRWD-17/1	11479	10/8/2013 10:30	F-TEMP	21.5	21.5	1	C
IRWD-17/1	11479	1/15/2014 11:00	F-TEMP	21.5	21.5	1	C
IRWD-17/1	11479	4/8/2014 10:10	F-TEMP	21.5	21.5	1	C
IRWD-17/1	11479	7/14/2014 10:30	F-TEMP	21.8	21.8	1	C
IRWD-17/1	11479	10/7/2014 8:00	F-TEMP	21.4	21.4	1	C
IRWD-17/1	11479	1/12/2015 9:40	F-TEMP	20.8	20.8	1	C
IRWD-17/1	11479	4/7/2015 10:00	F-TEMP	21.4	21.4	1	C
IRWD-17/1	11479	7/14/2015 10:20	F-TEMP	21.9	21.9	1	C
IRWD-17/1	11479	8/17/2015 7:50	F-TEMP	21.5	21.5	1	C
IRWD-17/1	11479	8/17/2015 8:00	F-TEMP	21.6	21.6	1	C
IRWD-17/1	11479	9/9/2015 9:25	F-TEMP	21.9	21.9	1	C
IRWD-17/1	11479	9/9/2015 9:30	F-TEMP	21.9	21.9	1	C
IRWD-17/1	11479	9/9/2015 9:35	F-TEMP	22	22	1	C
IRWD-17/1	11479	9/9/2015 9:40	F-TEMP	22	22	1	C
IRWD-17/1	11479	10/6/2015 10:10	F-TEMP	21.8	21.8	1	C
IRWD-17/1	11479	1/12/2016 9:40	F-TEMP	21.3	21.3	1	C
IRWD-17/1	11479	4/5/2016 9:50	F-TEMP	21.4	21.4	1	C
IRWD-17/1	11479	4/7/2016 9:20	F-TEMP	21.1	21.1	1	C
IRWD-17/1	11479	4/18/2016 13:20	F-TEMP	20.8	20.8	1	C
IRWD-17/1	11479	7/12/2016 11:20	F-TEMP	21.6	21.6	1	C
IRWD-17/1	11479	8/22/2016 12:15	F-TEMP	21.9	21.9	1	C
IRWD-18/1	115	11/5/2013 11:10	F-TEMP	24	24	1	C
IRWD-18/1	115	2/19/2014 11:15	F-TEMP	23.6	23.6	1	C
IRWD-18/1	115	5/15/2014 9:40	F-TEMP	25	25	1	C
IRWD-18/1	115	8/28/2014 10:15	F-TEMP	24.3	24.3	1	C
IRWD-18/1	115	11/18/2014 9:10	F-TEMP	23.1	23.1	1	C
IRWD-18/1	115	3/25/2015 10:10	F-TEMP	23	23	1	C
IRWD-18/1	115	8/24/2015 9:20	F-TEMP	24.4	24.4	1	C
IRWD-18/1	115	8/24/2015 9:30	F-TEMP	24.1	24.1	1	C
IRWD-18/1	115	2/8/2016 7:50	F-TEMP	23.7	23.7	1	C
IRWD-2/1	995	3/25/2014 8:45	F-TEMP	23.1	23.1	1	C
IRWD-2/1	995	4/16/2014 8:15	F-TEMP	25.6	25.6	1	C
IRWD-2/1	995	4/16/2014 8:30	F-TEMP	25.6	25.6	1	C
IRWD-2/1	995	5/7/2014 9:25	F-TEMP	25.7	25.7	1	C
IRWD-2/1	995	5/7/2014 9:40	F-TEMP	25.7	25.7	1	C
IRWD-2/1	995	8/19/2014 10:50	F-TEMP	26.3	26.3	1	C
IRWD-2/1	995	2/9/2015 9:40	F-TEMP	25.3	25.3	1	C

IRWD-2/1	995	5/28/2015 8:30	F-TEMP	25.8	25.8	1	C
IRWD-2/1	995	8/20/2015 9:10	F-TEMP	25.9	25.9	1	C
IRWD-2/1	995	10/12/2015 8:40	F-TEMP	26	26	1	C
IRWD-2/1	995	2/23/2016 8:35	F-TEMP	25.5	25.5	1	C
IRWD-2/1	995	7/25/2016 8:50	F-TEMP	26	26	1	C
IRWD-21/1	8373	10/7/2013 10:40	F-TEMP	20.9	20.9	1	C
IRWD-21/1	8373	1/14/2014 9:30	F-TEMP	21	21	1	C
IRWD-21/1	8373	5/7/2014 10:25	F-TEMP	21.7	21.7	1	C
IRWD-21/1	8373	8/19/2014 9:45	F-TEMP	21.7	21.7	1	C
IRWD-21/1	8373	11/4/2014 10:40	F-TEMP	21.8	21.8	1	C
IRWD-21/1	8373	1/28/2015 10:00	F-TEMP	21.1	21.1	1	C
IRWD-21/1	8373	4/29/2015 10:00	F-TEMP	21.9	21.9	1	C
IRWD-21/1	8373	8/6/2015 10:05	F-TEMP	22.2	22.2	1	C
IRWD-21/1	8373	12/28/2015 9:05	F-TEMP	20.5	20.5	1	C
IRWD-21/1	8373	12/28/2015 9:15	F-TEMP	20.4	20.4	1	C
IRWD-21/1	8373	2/25/2016 9:50	F-TEMP	21.3	21.3	1	C
IRWD-21/1	8373	8/9/2016 10:50	F-TEMP	21.8	21.8	1	C
IRWD-22/1	8371	10/7/2013 9:45	F-TEMP	23.2	23.2	1	C
IRWD-22/1	8371	1/14/2014 10:10	F-TEMP	23.4	23.4	1	C
IRWD-22/1	8371	5/7/2014 10:05	F-TEMP	23.7	23.7	1	C
IRWD-22/1	8371	8/19/2014 11:35	F-TEMP	24.8	24.8	1	C
IRWD-22/1	8371	11/4/2014 10:20	F-TEMP	24.5	24.5	1	C
IRWD-22/1	8371	1/28/2015 10:25	F-TEMP	24.1	24.1	1	C
IRWD-22/1	8371	12/28/2015 8:50	F-TEMP	21.7	21.7	1	C
IRWD-22/1	8371	12/28/2015 9:00	F-TEMP	22.1	22.1	1	C
IRWD-22/1	8371	5/31/2016 10:20	F-TEMP	23.5	23.5	1	C
IRWD-22/1	8371	9/12/2016 9:45	F-TEMP	23.2	23.2	1	C
IRWD-3/1	11475	12/10/2013 9:55	F-TEMP	25.5	25.5	1	C
IRWD-3/1	11475	12/10/2013 10:00	F-TEMP	25.5	25.5	1	C
IRWD-3/1	11475	3/25/2014 9:15	F-TEMP	24.6	24.6	1	C
IRWD-3/1	11475	6/17/2014 9:45	F-TEMP	25.7	25.7	1	C
IRWD-4/1	993	3/25/2014 8:15	F-TEMP	25.9	25.9	1	C
IRWD-4/1	993	5/7/2014 8:55	F-TEMP	26.3	26.3	1	C
IRWD-4/1	993	3/18/2015 9:50	F-TEMP	24.1	24.1	1	C
IRWD-4/1	993	4/29/2015 8:40	F-TEMP	26.1	26.1	1	C
IRWD-4/1	993	8/24/2015 9:40	F-TEMP	26.6	26.6	1	C
IRWD-4/1	993	8/24/2015 9:50	F-TEMP	26.5	26.5	1	C
IRWD-4/1	993	2/18/2016 8:25	F-TEMP	25	25	1	C
IRWD-4/1	993	6/21/2016 8:20	F-TEMP	26.6	26.6	1	C
IRWD-4/1	993	7/25/2016 8:30	F-TEMP	26.5	26.5	1	C
IRWD-5/1	15491	10/23/2013 10:25	F-TEMP	26.6	26.6	1	C
IRWD-5/1	15491	3/18/2014 9:15	F-TEMP	26.4	26.4	1	C
IRWD-5/1	15491	2/23/2015 9:05	F-TEMP	27.7	27.7	1	C
IRWD-5/1	15491	3/11/2015 8:30	F-TEMP	27.1	27.1	1	C
IRWD-5/1	15491	3/11/2015 8:45	F-TEMP	27.4	27.4	1	C
IRWD-5/1	15491	5/14/2015 10:10	F-TEMP	27.8	27.8	1	C
IRWD-5/1	15491	8/13/2015 9:25	F-TEMP	27.8	27.8	1	C

IRWD-5/1	15491	10/12/2015 10:50	F-TEMP	28.3	28.3	1	C
IRWD-5/1	15491	2/29/2016 9:55	F-TEMP	27.7	27.7	1	C
IRWD-5/1	15491	7/25/2016 9:15	F-TEMP	24	24	1	C
IRWD-6/1	8559	10/23/2013 10:10	F-TEMP	28.4	28.4	1	C
IRWD-6/1	8559	11/14/2013 10:05	F-TEMP	28.6	28.6	1	C
IRWD-6/1	8559	11/14/2013 10:10	F-TEMP	28.5	28.5	1	C
IRWD-6/1	8559	3/18/2014 8:45	F-TEMP	28.5	28.5	1	C
IRWD-6/1	8559	4/30/2014 9:35	F-TEMP	29	29	1	C
IRWD-6/1	8559	4/30/2014 9:40	F-TEMP	28.8	28.8	1	C
IRWD-6/1	8559	8/13/2014 8:05	F-TEMP	28.7	28.7	1	C
IRWD-6/1	8559	12/10/2014 9:40	F-TEMP	28.9	28.9	1	C
IRWD-6/1	8559	3/18/2015 9:30	F-TEMP	28.8	28.8	1	C
IRWD-6/1	8559	5/21/2015 9:00	F-TEMP	28.7	28.7	1	C
IRWD-6/1	8559	5/21/2015 9:10	F-TEMP	28.6	28.6	1	C
IRWD-6/1	8559	8/13/2015 9:05	F-TEMP	28.9	28.9	1	C
IRWD-6/1	8559	11/5/2015 9:35	F-TEMP	28.2	28.2	1	C
IRWD-6/1	8559	3/17/2016 10:25	F-TEMP	28.6	28.6	1	C
IRWD-6/1	8559	6/2/2016 8:20	F-TEMP	29.1	29.1	1	C
IRWD-6/1	8559	7/26/2016 9:50	F-TEMP	29.1	29.1	1	C
IRWD-6/1	8559	8/9/2016 10:15	F-TEMP	28.5	28.5	1	C
IRWD-6/1	8559	8/9/2016 10:25	F-TEMP	29.6	29.6	1	C
IRWD-7/1	8561	10/23/2013 9:50	F-TEMP	22.4	22.4	1	C
IRWD-7/1	8561	3/18/2014 8:00	F-TEMP	21.9	21.9	1	C
IRWD-7/1	8561	6/17/2014 9:00	F-TEMP	23	23	1	C
IRWD-7/1	8561	8/13/2014 7:45	F-TEMP	23.1	23.1	1	C
IRWD-7/1	8561	11/4/2014 9:40	F-TEMP	23.1	23.1	1	C
IRWD-7/1	8561	12/17/2014 9:15	F-TEMP	22.9	22.9	1	C
IRWD-7/1	8561	12/17/2014 9:30	F-TEMP	22.9	22.9	1	C
IRWD-7/1	8561	3/19/2015 7:55	F-TEMP	22.7	22.7	1	C
IRWD-7/1	8561	5/14/2015 7:25	F-TEMP	22.7	22.7	1	C
IRWD-7/1	8561	8/27/2015 9:05	F-TEMP	23.3	23.3	1	C
IRWD-76/1	19413	3/10/2014 8:50	F-TEMP	27.6	27.6	1	C
IRWD-76/1	19413	4/30/2014 11:40	F-TEMP	27.8	27.8	1	C
IRWD-76/1	19413	6/1/2015 10:35	F-TEMP	28.3	28.3	1	C
IRWD-76/1	19413	8/6/2015 9:00	F-TEMP	28.3	28.3	1	C
IRWD-76/1	19413	10/12/2015 10:15	F-TEMP	28.5	28.5	1	C
IRWD-76/1	19413	2/4/2016 9:10	F-TEMP	27.4	27.4	1	C
IRWD-76/1	19413	5/31/2016 11:40	F-TEMP	28.2	28.2	1	C
IRWD-76/1	19413	8/9/2016 11:15	F-TEMP	28.6	28.6	1	C
IRWD-77/1	19415	2/11/2014 13:05	F-TEMP	17.9	17.9	1	C
IRWD-77/1	19415	4/30/2014 11:25	F-TEMP	27.9	27.9	1	C
IRWD-77/1	19415	1/26/2015 10:35	F-TEMP	28	28	1	C
IRWD-77/1	19415	1/28/2016 10:00	F-TEMP	27.5	27.5	1	C
IRWD-77/1	19415	5/31/2016 11:55	F-TEMP	28	28	1	C
IRWD-C8/1	18511	4/30/2014 10:10	F-TEMP	30.3	30.3	1	C
IRWD-C8/1	18511	4/27/2015 12:00	F-TEMP	31.1	31.1	1	C
IRWD-C8/1	18511	5/31/2016 9:05	F-TEMP	30.1	30.1	1	C

IRWD-C8/1	18511	7/26/2016 9:20	F-TEMP	30.5	30.5	1	C
IRWD-C8/1	18511	8/10/2016 10:20	F-TEMP	30.2	30.2	1	C
IRWD-C9/1	18513	4/30/2014 10:35	F-TEMP	32	32	1	C
IRWD-C9/1	18513	4/27/2015 12:20	F-TEMP	32.6	32.6	1	C
IRWD-C9/1	18513	5/31/2016 8:35	F-TEMP	31.8	31.8	1	C
IRWD-C9/1	18513	7/26/2016 9:30	F-TEMP	31.8	31.8	1	C
IRWD-C9/1	18513	8/10/2016 10:45	F-TEMP	32.6	32.6	1	C
IRWD-C9/1	18513	8/10/2016 11:00	F-TEMP	32.6	32.6	1	C
IRWD-C9/1	18513	8/15/2016 10:15	F-TEMP	32.5	32.5	1	C
IRWD-C9/1	18513	8/15/2016 10:25	F-TEMP	32.7	32.7	1	C
IRWD-OPA	22711	5/20/2015 7:50	F-TEMP	19.3	19.3	1	C
IRWD-OPA	22711	7/13/2015 11:00	F-TEMP	19.9	19.9	1	C
IRWD-OPA	22711	9/9/2015 10:30	F-TEMP	20.4	20.4	1	C
IRWD-OPA	22711	10/5/2015 9:30	F-TEMP	19.7	19.7	1	C
IRWD-OPA	22711	1/12/2016 10:30	F-TEMP	19.4	19.4	1	C
IRWD-OPA	22711	1/12/2016 10:50	F-TEMP	19.5	19.5	1	C
IRWD-OPA	22711	1/12/2016 11:05	F-TEMP	19.6	19.6	1	C
IRWD-OPA	22711	6/27/2016 8:20	F-TEMP	19.9	19.9	1	C
IRWD-OPA	22711	9/12/2016 9:15	F-TEMP	20	20	1	C
IRWD-OPA	22711	9/12/2016 9:25	F-TEMP	20	20	1	C
LP-CITY/1	105	11/18/2013 8:35	F-TEMP	19.1	19.1	1	C
LP-CITY/1	105	11/25/2013 9:30	F-TEMP	19.2	19.2	1	C
LP-CITY/1	105	11/25/2013 9:40	F-TEMP	19.1	19.1	1	C
LP-CITY/1	105	12/9/2013 8:05	F-TEMP	19.2	19.2	1	C
LP-CITY/1	105	1/13/2014 9:10	F-TEMP	19.2	19.2	1	C
LP-CITY/1	105	2/3/2014 9:00	F-TEMP	19	19	1	C
LP-CITY/1	105	3/3/2014 9:55	F-TEMP	19.4	19.4	1	C
LP-CITY/1	105	4/7/2014 9:55	F-TEMP	19.4	19.4	1	C
LP-CITY/1	105	5/5/2014 11:40	F-TEMP	19.6	19.6	1	C
LP-CITY/1	105	5/5/2014 11:45	F-TEMP	20.1	20.1	1	C
LP-CITY/1	105	6/3/2014 10:40	F-TEMP	20.3	20.3	1	C
LP-CITY/1	105	7/14/2014 11:35	F-TEMP	19.8	19.8	1	C
LP-CITY/1	105	8/11/2014 8:50	F-TEMP	19.9	19.9	1	C
LP-CITY/1	105	9/8/2014 8:55	F-TEMP	19.1	19.1	1	C
LP-CITY/1	105	10/6/2014 8:40	F-TEMP	19.6	19.6	1	C
LP-CITY/1	105	11/3/2014 9:05	F-TEMP	19.5	19.5	1	C
LP-CITY/1	105	12/1/2014 8:25	F-TEMP	19.3	19.3	1	C
LP-CITY/1	105	1/5/2015 9:35	F-TEMP	19.2	19.2	1	C
LP-CITY/1	105	1/5/2015 9:50	F-TEMP	19.5	19.5	1	C
LP-CITY/1	105	2/2/2015 9:50	F-TEMP	19.1	19.1	1	C
LP-CITY/1	105	2/2/2015 10:00	F-TEMP	19.5	19.5	1	C
LP-CITY/1	105	3/2/2015 9:15	F-TEMP	19.4	19.4	1	C
LP-CITY/1	105	3/2/2015 9:25	F-TEMP	19.5	19.5	1	C
LP-CITY/1	105	4/13/2015 8:15	F-TEMP	19.3	19.3	1	C
LP-CITY/1	105	5/4/2015 8:35	F-TEMP	19.5	19.5	1	C
LP-CITY/1	105	5/4/2015 8:50	F-TEMP	19.5	19.5	1	C
LP-CITY/1	105	6/1/2015 8:20	F-TEMP	19.7	19.7	1	C

LP-CITY/1	105	6/1/2015	8:35	F-TEMP	19.6	19.6	1 C
LP-CITY/1	105	7/6/2015	8:25	F-TEMP	19.6	19.6	1 C
LP-CITY/1	105	8/3/2015	8:50	F-TEMP	19.9	19.9	1 C
LP-CITY/1	105	8/3/2015	9:00	F-TEMP	19.8	19.8	1 C
LP-CITY/1	105	8/31/2015	9:30	F-TEMP	19.7	19.7	1 C
LP-CITY/1	105	8/31/2015	9:45	F-TEMP	19.7	19.7	1 C
LP-CITY/1	105	9/15/2015	8:50	F-TEMP	19.6	19.6	1 C
LP-CITY/1	105	9/15/2015	9:05	F-TEMP	19.8	19.8	1 C
LP-CITY/1	105	10/5/2015	8:25	F-TEMP	19.4	19.4	1 C
LP-CITY/1	105	10/5/2015	8:35	F-TEMP	19.5	19.5	1 C
LP-CITY/1	105	11/2/2015	9:30	F-TEMP	20.2	20.2	1 C
LP-CITY/1	105	11/2/2015	9:40	F-TEMP	20	20	1 C
LP-CITY/1	105	12/7/2015	8:10	F-TEMP	19.2	19.2	1 C
LP-CITY/1	105	1/4/2016	8:50	F-TEMP	19.7	19.7	1 C
LP-CITY/1	105	2/1/2016	8:30	F-TEMP	19.2	19.2	1 C
LP-CITY/1	105	3/7/2016	9:05	F-TEMP	19.5	19.5	1 C
LP-CITY/1	105	4/4/2016	9:15	F-TEMP	19.4	19.4	1 C
LP-CITY/1	105	9/27/2016	10:30	F-TEMP	20.6	20.6	1 C
LP-WALK/1	108	2/3/2014	9:25	F-TEMP	20.1	20.1	1 C
LP-WALK/1	108	5/5/2014	11:20	F-TEMP	20.3	20.3	1 C
LP-WALK/1	108	8/11/2014	8:25	F-TEMP	20.6	20.6	1 C
LP-WALK/1	108	10/6/2014	9:00	F-TEMP	20.4	20.4	1 C
LP-WALK/1	108	3/2/2015	9:45	F-TEMP	19.9	19.9	1 C
LP-WALK/1	108	3/23/2015	10:20	F-TEMP	20.5	20.5	1 C
LP-WALK/1	108	5/4/2015	9:20	F-TEMP	20.4	20.4	1 C
LP-WALK/1	108	8/3/2015	9:20	F-TEMP	20.8	20.8	1 C
LP-WALK/1	108	2/8/2016	8:50	F-TEMP	23.7	23.7	1 C
LP-WALK/1	108	6/6/2016	10:25	F-TEMP	20.4	20.4	1 C
MCWD-11,	15781	4/24/2014	11:45	F-TEMP	27.7	27.7	1 C
MCWD-11,	15781	5/5/2014	9:30	F-TEMP	27.6	27.6	1 C
MCWD-11,	15781	9/2/2014	10:15	F-TEMP	28	28	1 C
MCWD-11,	15781	3/23/2015	8:15	F-TEMP	27.4	27.4	1 C
MCWD-11,	15781	4/13/2015	7:05	F-TEMP	27.7	27.7	1 C
MCWD-11,	15781	6/8/2015	9:25	F-TEMP	27.2	27.2	1 C
MCWD-11,	15781	8/10/2015	9:50	F-TEMP	27.7	27.7	1 C
MCWD-11,	15781	5/26/2016	7:00	F-TEMP	26.9	26.9	1 C
MCWD-11,	15781	5/26/2016	7:10	F-TEMP	27.2	27.2	1 C
MCWD-11,	15781	6/16/2016	9:00	F-TEMP	27.3	27.3	1 C
MCWD-11,	15781	6/16/2016	9:10	F-TEMP	27.2	27.2	1 C
MCWD-11,	15781	8/8/2016	11:30	F-TEMP	28.6	28.6	1 C
MCWD-1B,	10139	10/28/2013	8:45	F-TEMP	24.2	24.2	1 C
MCWD-1B,	10139	2/24/2014	10:05	F-TEMP	24.1	24.1	1 C
MCWD-1B,	10139	5/5/2014	9:00	F-TEMP	24.2	24.2	1 C
MCWD-1B,	10139	8/4/2014	9:10	F-TEMP	24.7	24.7	1 C
MCWD-1B,	10139	11/3/2014	8:15	F-TEMP	24	24	1 C
MCWD-1B,	10139	2/9/2015	8:10	F-TEMP	23.4	23.4	1 C
MCWD-1B,	10139	5/11/2015	9:30	F-TEMP	24.4	24.4	1 C

MCWD-1B,	10139	7/27/2015 8:00	F-TEMP	23.6	23.6	1	C
MCWD-1B,	10139	11/2/2015 8:15	F-TEMP	24.2	24.2	1	C
MCWD-1B,	10139	2/1/2016 10:00	F-TEMP	23.4	23.4	1	C
MCWD-1B,	10139	6/6/2016 8:30	F-TEMP	24.2	24.2	1	C
MCWD-1B,	10139	8/8/2016 10:55	F-TEMP	24.2	24.2	1	C
MCWD-1B,	10139	8/15/2016 10:40	F-TEMP	24.5	24.5	1	C
MCWD-1B,	10139	8/15/2016 10:50	F-TEMP	24.6	24.6	1	C
MCWD-3B,	2892	10/28/2013 8:20	F-TEMP	21.2	21.2	1	C
MCWD-3B,	2892	2/24/2014 10:25	F-TEMP	21.1	21.1	1	C
MCWD-3B,	2892	5/5/2014 8:30	F-TEMP	21.3	21.3	1	C
MCWD-3B,	2892	8/4/2014 8:25	F-TEMP	21.7	21.7	1	C
MCWD-3B,	2892	8/25/2014 8:05	F-TEMP	21	21	1	C
MCWD-3B,	2892	8/25/2014 8:20	F-TEMP	21.3	21.3	1	C
MCWD-3B,	2892	11/3/2014 10:05	F-TEMP	21.5	21.5	1	C
MCWD-3B,	2892	2/9/2015 7:45	F-TEMP	21.4	21.4	1	C
MCWD-3B,	2892	3/9/2015 8:10	F-TEMP	21.2	21.2	1	C
MCWD-3B,	2892	5/11/2015 10:10	F-TEMP	21.9	21.9	1	C
MCWD-3B,	2892	8/10/2015 8:15	F-TEMP	21.5	21.5	1	C
MCWD-3B,	2892	11/2/2015 7:30	F-TEMP	21.2	21.2	1	C
MCWD-3B,	2892	2/1/2016 10:35	F-TEMP	21.3	21.3	1	C
MCWD-3B,	2892	2/8/2016 9:35	F-TEMP	21.9	21.9	1	C
MCWD-3B,	2892	6/6/2016 8:15	F-TEMP	21.5	21.5	1	C
MCWD-3B,	2892	8/8/2016 10:05	F-TEMP	21.8	21.8	1	C
MCWD-5/1	1232	10/28/2013 7:35	F-TEMP	23.7	23.7	1	C
MCWD-5/1	1232	10/28/2013 7:45	F-TEMP	23.4	23.4	1	C
MCWD-5/1	1232	2/24/2014 8:10	F-TEMP	23.6	23.6	1	C
MCWD-5/1	1232	5/5/2014 7:50	F-TEMP	23.5	23.5	1	C
MCWD-5/1	1232	8/4/2014 8:05	F-TEMP	24.2	24.2	1	C
MCWD-5/1	1232	11/24/2014 7:40	F-TEMP	23.8	23.8	1	C
MCWD-5/1	1232	3/24/2015 8:30	F-TEMP	23.5	23.5	1	C
MCWD-5/1	1232	5/11/2015 10:30	F-TEMP	24.5	24.5	1	C
MCWD-5/1	1232	8/10/2015 8:35	F-TEMP	24.1	24.1	1	C
MCWD-5/1	1232	11/2/2015 7:50	F-TEMP	24	24	1	C
MCWD-5/1	1232	2/1/2016 9:40	F-TEMP	23.6	23.6	1	C
MCWD-5/1	1232	6/16/2016 9:40	F-TEMP	24	24	1	C
MCWD-5/1	1232	8/8/2016 10:20	F-TEMP	24.2	24.2	1	C
MCWD-5/1	1232	9/20/2016 9:15	F-TEMP	24.2	24.2	1	C
MCWD-6/1	2136	2/24/2014 11:30	F-TEMP	28.3	28.3	1	C
MCWD-6/1	2136	5/5/2014 9:45	F-TEMP	28.4	28.4	1	C
MCWD-6/1	2136	9/15/2014 9:05	F-TEMP	28.9	28.9	1	C
MCWD-6/1	2136	2/9/2015 10:35	F-TEMP	28.4	28.4	1	C
MCWD-6/1	2136	4/13/2015 7:15	F-TEMP	28.5	28.5	1	C
MCWD-6/1	2136	5/11/2015 8:20	F-TEMP	27.9	27.9	1	C
MCWD-6/1	2136	8/10/2015 10:10	F-TEMP	29.5	29.5	1	C
MCWD-6/1	2136	2/10/2016 10:25	F-TEMP	28.6	28.6	1	C
MCWD-6/1	2136	8/8/2016 11:45	F-TEMP	28.6	28.6	1	C
MCWD-7/1	1234	10/28/2013 9:25	F-TEMP	22.5	22.5	1	C

MCWD-7/1	1234	2/24/2014 10:45	F-TEMP	22.4	22.4	1	C
MCWD-7/1	1234	5/5/2014 9:15	F-TEMP	22.8	22.8	1	C
MCWD-7/1	1234	8/4/2014 9:30	F-TEMP	23.2	23.2	1	C
MCWD-7/1	1234	11/3/2014 10:20	F-TEMP	22.2	22.2	1	C
MCWD-7/1	1234	2/9/2015 8:30	F-TEMP	22.7	22.7	1	C
MCWD-7/1	1234	5/11/2015 8:50	F-TEMP	22.9	22.9	1	C
MCWD-7/1	1234	8/10/2015 9:20	F-TEMP	22.6	22.6	1	C
MCWD-7/1	1234	11/2/2015 8:30	F-TEMP	22.8	22.8	1	C
MCWD-7/1	1234	2/8/2016 9:45	F-TEMP	22.9	22.9	1	C
MCWD-7/1	1234	2/22/2016 9:00	F-TEMP	22.7	22.7	1	C
MCWD-7/1	1234	6/6/2016 9:10	F-TEMP	22.8	22.8	1	C
MCWD-7/1	1234	8/8/2016 10:45	F-TEMP	22.9	22.9	1	C
NB-DOLD/1	14834	11/26/2013 7:55	F-TEMP	21.1	21.1	1	C
NB-DOLD/1	14834	3/4/2014 10:20	F-TEMP	19.9	19.9	1	C
NB-DOLD/1	14834	6/18/2014 13:00	F-TEMP	23.1	23.1	1	C
NB-DOLD/1	14834	8/21/2014 8:40	F-TEMP	22	22	1	C
NB-DOLD/1	14834	12/10/2014 12:55	F-TEMP	21.9	21.9	1	C
NB-DOLD/1	14834	3/4/2015 9:25	F-TEMP	21.9	21.9	1	C
NB-DOLD/1	14834	5/4/2015 10:50	F-TEMP	22.1	22.1	1	C
NB-DOLD/1	14834	8/11/2015 9:45	F-TEMP	22.1	22.1	1	C
NB-DOLD/1	14834	2/23/2016 7:35	F-TEMP	21.8	21.8	1	C
NB-DOLD/1	14834	2/23/2016 7:40	F-TEMP	21.6	21.6	1	C
NB-DOLD/1	14834	8/9/2016 9:20	F-TEMP	22.1	22.1	1	C
NB-DOLS/1	14836	11/20/2013 9:45	F-TEMP	21.1	21.1	1	C
NB-DOLS/1	14836	3/4/2014 8:10	F-TEMP	19.6	19.6	1	C
NB-DOLS/1	14836	5/15/2014 8:40	F-TEMP	21.3	21.3	1	C
NB-DOLS/1	14836	6/18/2014 12:45	F-TEMP	21.3	21.3	1	C
NB-DOLS/1	14836	8/21/2014 8:55	F-TEMP	21.4	21.4	1	C
NB-DOLS/1	14836	11/17/2014 9:30	F-TEMP	21.4	21.4	1	C
NB-DOLS/1	14836	3/4/2015 9:40	F-TEMP	21.5	21.5	1	C
NB-DOLS/1	14836	5/4/2015 11:15	F-TEMP	21.8	21.8	1	C
NB-DOLS/1	14836	8/11/2015 9:20	F-TEMP	21.5	21.5	1	C
NB-DOLS/1	14836	2/29/2016 8:35	F-TEMP	20.9	20.9	1	C
NB-DOLS/1	14836	2/29/2016 8:50	F-TEMP	21	21	1	C
NB-DOLS/1	14836	8/9/2016 9:05	F-TEMP	21.5	21.5	1	C
NB-TAMD/	14838	11/19/2013 8:45	F-TEMP	22.3	22.3	1	C
NB-TAMD/	14838	3/3/2014 8:10	F-TEMP	22.3	22.3	1	C
NB-TAMD/	14838	5/15/2014 8:20	F-TEMP	22.9	22.9	1	C
NB-TAMD/	14838	6/18/2014 12:30	F-TEMP	23	23	1	C
NB-TAMD/	14838	8/21/2014 9:10	F-TEMP	22.5	22.5	1	C
NB-TAMD/	14838	11/17/2014 9:10	F-TEMP	20.5	20.5	1	C
NB-TAMD/	14838	3/2/2015 8:15	F-TEMP	21.8	21.8	1	C
NB-TAMD/	14838	3/24/2015 10:00	F-TEMP	22.6	22.6	1	C
NB-TAMD/	14838	5/4/2015 10:25	F-TEMP	22.6	22.6	1	C
NB-TAMD/	14838	8/11/2015 8:40	F-TEMP	21.8	21.8	1	C
NB-TAMD/	14838	11/23/2015 8:55	F-TEMP	22.7	22.7	1	C
NB-TAMD/	14838	2/29/2016 10:45	F-TEMP	22.9	22.9	1	C

NB-TAMD/	14838	6/16/2016	11:00	F-TEMP	23.4	23.4	1 C
NB-TAMD/	14838	6/16/2016	11:15	F-TEMP	22.3	22.3	1 C
NB-TAMD/	14838	8/9/2016	8:45	F-TEMP	22.1	22.1	1 C
NB-TAMS/	14840	11/19/2013	9:05	F-TEMP	20.5	20.5	1 C
NB-TAMS/	14840	3/3/2014	8:30	F-TEMP	20.5	20.5	1 C
NB-TAMS/	14840	5/15/2014	8:10	F-TEMP	20.8	20.8	1 C
NB-TAMS/	14840	6/18/2014	12:20	F-TEMP	21.3	21.3	1 C
NB-TAMS/	14840	8/21/2014	9:25	F-TEMP	21.4	21.4	1 C
NB-TAMS/	14840	11/17/2014	8:50	F-TEMP	20.2	20.2	1 C
NB-TAMS/	14840	3/2/2015	8:35	F-TEMP	20.8	20.8	1 C
NB-TAMS/	14840	3/24/2015	10:10	F-TEMP	20.9	20.9	1 C
NB-TAMS/	14840	5/4/2015	10:10	F-TEMP	21.7	21.7	1 C
NB-TAMS/	14840	8/11/2015	8:25	F-TEMP	21.1	21.1	1 C
NB-TAMS/	14840	11/23/2015	8:40	F-TEMP	21.6	21.6	1 C
NB-TAMS/	14840	12/14/2015	7:55	F-TEMP	19.9	19.9	1 C
NB-TAMS/	14840	12/14/2015	8:10	F-TEMP	20.9	20.9	1 C
NB-TAMS/	14840	2/29/2016	8:05	F-TEMP	20.8	20.8	1 C
NB-TAMS/	14840	2/29/2016	8:20	F-TEMP	20.8	20.8	1 C
NB-TAMS/	14840	6/16/2016	10:50	F-TEMP	20.9	20.9	1 C
NB-TAMS/	14840	8/9/2016	8:30	F-TEMP	21.1	21.1	1 C
O-15/1	1071	11/6/2013	12:05	F-TEMP	18.6	18.6	1 C
O-15/1	1071	3/13/2014	12:05	F-TEMP	19	19	1 C
O-15/1	1071	5/14/2014	12:55	F-TEMP	20.2	20.2	1 C
O-15/1	1071	8/27/2014	11:10	F-TEMP	20.1	20.1	1 C
O-15/1	1071	10/13/2014	12:30	F-TEMP	19.4	19.4	1 C
O-15/1	1071	4/28/2015	10:25	F-TEMP	18.6	18.6	1 C
O-15/1	1071	4/14/2016	11:10	F-TEMP	19	19	1 C
O-15/1	1071	7/27/2016	10:15	F-TEMP	19.9	19.9	1 C
O-15/1	1071	7/27/2016	10:20	F-TEMP	19.1	19.1	1 C
O-18/1	2625	11/6/2013	10:30	F-TEMP	18.8	18.8	1 C
O-18/1	2625	3/13/2014	8:30	F-TEMP	18.5	18.5	1 C
O-18/1	2625	5/14/2014	11:05	F-TEMP	19.4	19.4	1 C
O-18/1	2625	8/27/2014	9:00	F-TEMP	19.3	19.3	1 C
O-18/1	2625	10/13/2014	10:50	F-TEMP	19.8	19.8	1 C
O-18/1	2625	2/25/2015	9:25	F-TEMP	18.8	18.8	1 C
O-18/1	2625	4/28/2015	9:30	F-TEMP	19.6	19.6	1 C
O-18/1	2625	1/19/2016	9:10	F-TEMP	18.6	18.6	1 C
O-18/1	2625	1/19/2016	9:20	F-TEMP	18.8	18.8	1 C
O-18/1	2625	3/2/2016	11:45	F-TEMP	19	19	1 C
O-18/1	2625	3/2/2016	12:00	F-TEMP	19.1	19.1	1 C
O-19/1	2618	3/25/2015	11:10	F-TEMP	18.2	18.2	1 C
O-19/1	2618	4/28/2015	10:00	F-TEMP	18.6	18.6	1 C
O-19/1	2618	1/26/2016	11:45	F-TEMP	18.1	18.1	1 C
O-19/1	2618	6/21/2016	10:20	F-TEMP	18.2	18.2	1 C
O-20/1	2696	3/13/2014	10:00	F-TEMP	18.7	18.7	1 C
O-20/1	2696	3/24/2014	8:55	F-TEMP	18.3	18.3	1 C
O-20/1	2696	3/25/2014	10:50	F-TEMP	18.4	18.4	1 C

O-20/1	2696	5/14/2014 10:20	F-TEMP	19.8	19.8	1 C
O-20/1	2696	2/25/2015 9:55	F-TEMP	18.9	18.9	1 C
O-20/1	2696	3/30/2015 12:45	F-TEMP	19.3	19.3	1 C
O-20/1	2696	1/26/2016 10:30	F-TEMP	17.9	17.9	1 C
O-21/1	1073	11/6/2013 11:55	F-TEMP	17.7	17.7	1 C
O-21/1	1073	3/13/2014 11:30	F-TEMP	17.5	17.5	1 C
O-21/1	1073	8/27/2014 10:15	F-TEMP	18.6	18.6	1 C
O-21/1	1073	10/14/2014 12:40	F-TEMP	18	18	1 C
O-21/1	1073	2/25/2015 11:45	F-TEMP	18	18	1 C
O-21/1	1073	3/30/2015 10:35	F-TEMP	17.8	17.8	1 C
O-21/1	1073	1/26/2016 12:20	F-TEMP	17.9	17.9	1 C
O-22/1	3295	3/13/2014 11:15	F-TEMP	19.5	19.5	1 C
O-22/1	3295	2/25/2015 11:10	F-TEMP	20.1	20.1	1 C
O-22/1	3295	3/30/2015 11:45	F-TEMP	20.5	20.5	1 C
O-22/1	3295	1/19/2016 9:45	F-TEMP	19.6	19.6	1 C
O-22/1	3295	3/2/2016 11:30	F-TEMP	20.1	20.1	1 C
O-23/1	7174	11/6/2013 11:25	F-TEMP	20.3	20.3	1 C
O-23/1	7174	3/13/2014 10:35	F-TEMP	20	20	1 C
O-23/1	7174	8/27/2014 9:50	F-TEMP	20.3	20.3	1 C
O-23/1	7174	10/14/2014 9:35	F-TEMP	19.2	19.2	1 C
O-23/1	7174	11/19/2014 11:00	F-TEMP	19.2	19.2	1 C
O-23/1	7174	11/19/2014 11:10	F-TEMP	19.4	19.4	1 C
O-23/1	7174	9/28/2015 10:00	F-TEMP	19.5	19.5	1 C
O-23/1	7174	1/26/2016 11:15	F-TEMP	20.1	20.1	1 C
O-23/1	7174	4/14/2016 10:40	F-TEMP	19.3	19.3	1 C
O-23/1	7174	6/21/2016 9:20	F-TEMP	20.1	20.1	1 C
O-23/1	7174	7/14/2016 10:25	F-TEMP	20.8	20.8	1 C
O-23/1	7174	7/14/2016 10:30	F-TEMP	20.2	20.2	1 C
O-23/1	7174	8/8/2016 9:10	F-TEMP	20.2	20.2	1 C
O-23/1	7174	8/8/2016 9:25	F-TEMP	20.3	20.3	1 C
O-23/1	7174	9/13/2016 10:35	F-TEMP	20	20	1 C
O-24/1	10141	3/13/2014 10:50	F-TEMP	18.8	18.8	1 C
O-24/1	10141	5/14/2014 12:00	F-TEMP	21	21	1 C
O-24/1	10141	10/13/2014 11:40	F-TEMP	20.4	20.4	1 C
O-24/1	10141	2/25/2015 10:50	F-TEMP	18.3	18.3	1 C
O-24/1	10141	3/30/2015 11:30	F-TEMP	20	20	1 C
O-24/1	10141	9/29/2016 10:00	F-TEMP	19.1	19.1	1 C
O-25/1	15475	11/6/2013 10:55	F-TEMP	21.7	21.7	1 C
O-25/1	15475	3/13/2014 9:30	F-TEMP	21.7	21.7	1 C
O-25/1	15475	2/25/2015 8:55	F-TEMP	21.5	21.5	1 C
O-25/1	15475	3/30/2015 11:15	F-TEMP	22	22	1 C
O-25/1	15475	1/26/2016 10:55	F-TEMP	19.8	19.8	1 C
O-25/1	15475	7/14/2016 10:05	F-TEMP	22.2	22.2	1 C
O-26/1	18436	3/12/2014 11:55	F-TEMP	17.8	17.8	1 C
O-26/1	18436	5/14/2014 9:30	F-TEMP	18.1	18.1	1 C
O-26/1	18436	5/14/2014 9:45	F-TEMP	18.4	18.4	1 C
O-26/1	18436	8/27/2014 8:30	F-TEMP	18.3	18.3	1 C

O-26/1	18436	10/13/2014	9:30	F-TEMP	17.9	17.9	1 C
O-26/1	18436	6/17/2015	11:00	F-TEMP	18.2	18.2	1 C
O-26/1	18436	8/25/2015	9:45	F-TEMP	18.5	18.5	1 C
O-26/1	18436	10/19/2015	9:50	F-TEMP	18.4	18.4	1 C
O-26/1	18436	1/26/2016	10:10	F-TEMP	17.8	17.8	1 C
O-26/1	18436	7/27/2016	9:45	F-TEMP	18.5	18.5	1 C
O-27/1	22861	7/27/2016	8:50	F-TEMP	21.4	21.4	1 C
O-3/1	2669	11/6/2013	12:30	F-TEMP	19.6	19.6	1 C
O-3/1	2669	3/24/2014	9:25	F-TEMP	18.3	18.3	1 C
O-3/1	2669	5/13/2014	8:40	F-TEMP	19.4	19.4	1 C
O-3/1	2669	9/24/2014	9:05	F-TEMP	19.6	19.6	1 C
O-3/1	2669	10/13/2014	8:20	F-TEMP	19.6	19.6	1 C
O-3/1	2669	2/25/2015	10:15	F-TEMP	19.7	19.7	1 C
O-3/1	2669	4/28/2015	8:35	F-TEMP	19.6	19.6	1 C
O-3/1	2669	9/1/2015	11:10	F-TEMP	19.9	19.9	1 C
O-3/1	2669	12/1/2015	8:15	F-TEMP	19.2	19.2	1 C
O-3/1	2669	1/26/2016	9:50	F-TEMP	19.5	19.5	1 C
O-3/1	2669	4/14/2016	11:50	F-TEMP	19.9	19.9	1 C
O-3/1	2669	7/14/2016	11:20	F-TEMP	20.2	20.2	1 C
O-3/1	2669	7/14/2016	11:25	F-TEMP	20	20	1 C
O-8/1	2652	11/6/2013	10:05	F-TEMP	17.4	17.4	1 C
O-8/1	2652	3/13/2014	12:55	F-TEMP	17	17	1 C
O-8/1	2652	5/14/2014	13:35	F-TEMP	17.8	17.8	1 C
O-8/1	2652	8/27/2014	10:50	F-TEMP	18.1	18.1	1 C
O-8/1	2652	10/13/2014	13:15	F-TEMP	17.5	17.5	1 C
O-8/1	2652	2/25/2015	12:35	F-TEMP	17.4	17.4	1 C
O-8/1	2652	4/28/2015	11:05	F-TEMP	17.4	17.4	1 C
O-8/1	2652	4/14/2016	10:05	F-TEMP	17.1	17.1	1 C
O-8/1	2652	6/21/2016	10:35	F-TEMP	17.4	17.4	1 C
O-8/1	2652	7/13/2016	11:15	F-TEMP	17.8	17.8	1 C
O-8/1	2652	7/13/2016	11:20	F-TEMP	17.8	17.8	1 C
O-9/1	2656	11/6/2013	10:15	F-TEMP	17.5	17.5	1 C
O-9/1	2656	3/13/2014	12:30	F-TEMP	17	17	1 C
O-9/1	2656	6/25/2014	10:00	F-TEMP	17.4	17.4	1 C
O-9/1	2656	8/27/2014	10:35	F-TEMP	18.6	18.6	1 C
O-9/1	2656	2/25/2015	12:10	F-TEMP	17.3	17.3	1 C
O-9/1	2656	3/30/2015	12:15	F-TEMP	17.3	17.3	1 C
O-9/1	2656	1/26/2016	9:25	F-TEMP	16.9	16.9	1 C
RHWC-E/1	1533	2/19/2014	9:40	F-TEMP	22.5	22.5	1 C
RHWC-E/1	1533	4/29/2014	9:25	F-TEMP	23	23	1 C
RHWC-E/1	1533	2/2/2015	8:30	F-TEMP	22.4	22.4	1 C
RHWC-E/1	1533	6/18/2015	8:45	F-TEMP	23	23	1 C
RHWC-E/1	1533	6/18/2015	9:00	F-TEMP	23.6	23.6	1 C
RHWC-E/1	1533	1/19/2016	8:35	F-TEMP	23.1	23.1	1 C
RHWC-E/1	1533	4/19/2016	8:25	F-TEMP	23.1	23.1	1 C
RHWC-E/1	1533	6/6/2016	11:00	F-TEMP	23	23	1 C
RHWC-W2	18791	2/19/2014	9:25	F-TEMP	22	22	1 C

RHWC-W2	18791	4/29/2014	9:40	F-TEMP	22.1	22.1	1 C
RHWC-W2	18791	2/2/2015	8:50	F-TEMP	21.7	21.7	1 C
RHWC-W2	18791	1/19/2016	8:50	F-TEMP	22.6	22.6	1 C
RHWC-W2	18791	4/19/2016	8:35	F-TEMP	22.7	22.7	1 C
RHWC-W2	18791	6/6/2016	11:10	F-TEMP	22.7	22.7	1 C
SA-16/1	976	11/26/2013	9:00	F-TEMP	18.7	18.7	1 C
SA-16/1	976	2/18/2014	10:55	F-TEMP	18.7	18.7	1 C
SA-16/1	976	5/20/2014	10:15	F-TEMP	19.1	19.1	1 C
SA-16/1	976	8/20/2014	9:15	F-TEMP	20.1	20.1	1 C
SA-16/1	976	11/13/2014	9:00	F-TEMP	18.9	18.9	1 C
SA-16/1	976	2/24/2015	11:10	F-TEMP	19.2	19.2	1 C
SA-16/1	976	6/16/2015	7:05	F-TEMP	18.9	18.9	1 C
SA-16/1	976	8/12/2015	6:25	F-TEMP	18.9	18.9	1 C
SA-16/1	976	11/17/2015	9:00	F-TEMP	18.8	18.8	1 C
SA-16/1	976	2/16/2016	12:00	F-TEMP	19.5	19.5	1 C
SA-16/1	976	4/5/2016	8:05	F-TEMP	18.1	18.1	1 C
SA-16/1	976	8/3/2016	8:00	F-TEMP	19.5	19.5	1 C
SA-18/1	965	11/26/2013	8:40	F-TEMP	19.1	19.1	1 C
SA-18/1	965	2/18/2014	12:15	F-TEMP	19.3	19.3	1 C
SA-18/1	965	5/20/2014	8:35	F-TEMP	19.3	19.3	1 C
SA-18/1	965	8/20/2014	6:45	F-TEMP	19.8	19.8	1 C
SA-18/1	965	11/13/2014	8:40	F-TEMP	19.1	19.1	1 C
SA-18/1	965	2/24/2015	8:40	F-TEMP	19	19	1 C
SA-18/1	965	5/19/2015	8:40	F-TEMP	19.4	19.4	1 C
SA-18/1	965	8/12/2015	5:25	F-TEMP	19	19	1 C
SA-18/1	965	11/17/2015	8:40	F-TEMP	19.1	19.1	1 C
SA-18/1	965	2/16/2016	9:10	F-TEMP	19.4	19.4	1 C
SA-18/1	965	5/24/2016	9:45	F-TEMP	20	20	1 C
SA-18/1	965	8/3/2016	9:15	F-TEMP	20.3	20.3	1 C
SA-20/1	984	2/18/2014	8:20	F-TEMP	17.1	17.1	1 C
SA-20/1	984	5/20/2014	7:15	F-TEMP	17.7	17.7	1 C
SA-20/1	984	5/19/2015	7:05	F-TEMP	17.6	17.6	1 C
SA-20/1	984	8/12/2015	4:35	F-TEMP	17.7	17.7	1 C
SA-20/1	984	5/24/2016	8:20	F-TEMP	17.6	17.6	1 C
SA-21/1	982	2/18/2014	9:05	F-TEMP	17.1	17.1	1 C
SA-21/1	982	5/20/2014	7:35	F-TEMP	17.6	17.6	1 C
SA-21/1	982	5/19/2015	7:35	F-TEMP	17.6	17.6	1 C
SA-21/1	982	8/12/2015	4:55	F-TEMP	17.6	17.6	1 C
SA-21/1	982	5/24/2016	9:05	F-TEMP	17.7	17.7	1 C
SA-24/1	967	11/26/2013	8:20	F-TEMP	18.4	18.4	1 C
SA-24/1	967	3/11/2014	8:15	F-TEMP	17.8	17.8	1 C
SA-24/1	967	5/20/2014	8:10	F-TEMP	18.2	18.2	1 C
SA-24/1	967	8/20/2014	7:25	F-TEMP	18	18	1 C
SA-24/1	967	11/13/2014	8:20	F-TEMP	17.9	17.9	1 C
SA-24/1	967	3/18/2015	7:45	F-TEMP	18.5	18.5	1 C
SA-24/1	967	5/19/2015	8:05	F-TEMP	17.9	17.9	1 C
SA-24/1	967	8/12/2015	5:10	F-TEMP	18	18	1 C

SA-24/1	967	11/17/2015 8:20	F-TEMP	17.8	17.8	1 C
SA-24/1	967	2/16/2016 8:55	F-TEMP	18.3	18.3	1 C
SA-24/1	967	5/24/2016 9:25	F-TEMP	17.9	17.9	1 C
SA-24/1	967	7/7/2016 6:30	F-TEMP	18.7	18.7	1 C
SA-24/1	967	7/7/2016 6:40	F-TEMP	18.6	18.6	1 C
SA-24/1	967	8/3/2016 9:25	F-TEMP	18.8	18.8	1 C
SA-24/1	967	8/3/2016 9:35	F-TEMP	18.8	18.8	1 C
SA-26/1	957	12/17/2014 10:50	F-TEMP	22.4	22.4	1 C
SA-26/1	957	12/18/2014 8:00	F-TEMP	22.2	22.2	1 C
SA-26/1	957	3/18/2015 9:00	F-TEMP	22.3	22.3	1 C
SA-26/1	957	5/19/2015 10:10	F-TEMP	22	22	1 C
SA-26/1	957	8/12/2015 6:40	F-TEMP	22.8	22.8	1 C
SA-26/1	957	8/12/2015 6:50	F-TEMP	22.6	22.6	1 C
SA-26/1	957	2/16/2016 11:10	F-TEMP	23.4	23.4	1 C
SA-26/1	957	5/24/2016 11:05	F-TEMP	23.5	23.5	1 C
SA-26/1	957	6/22/2016 6:55	F-TEMP	23.4	23.4	1 C
SA-26/1	957	6/22/2016 7:05	F-TEMP	23.4	23.4	1 C
SA-27/1	533	2/18/2014 14:00	F-TEMP	20.4	20.4	1 C
SA-27/1	533	5/20/2014 9:20	F-TEMP	21.3	21.3	1 C
SA-27/1	533	6/16/2015 6:35	F-TEMP	21.1	21.1	1 C
SA-27/1	533	8/12/2015 5:55	F-TEMP	21	21	1 C
SA-27/1	533	2/16/2016 10:00	F-TEMP	21.3	21.3	1 C
SA-27/1	533	5/24/2016 10:30	F-TEMP	21.2	21.2	1 C
SA-28/1	2629	2/18/2014 14:15	F-TEMP	19.9	19.9	1 C
SA-28/1	2629	5/20/2014 9:30	F-TEMP	20.2	20.2	1 C
SA-28/1	2629	2/24/2015 9:05	F-TEMP	19.8	19.8	1 C
SA-28/1	2629	5/19/2015 9:15	F-TEMP	19.8	19.8	1 C
SA-28/1	2629	2/16/2016 9:50	F-TEMP	20.4	20.4	1 C
SA-28/1	2629	8/3/2016 9:55	F-TEMP	20.5	20.5	1 C
SA-29/1	117	2/18/2014 10:30	F-TEMP	21.1	21.1	1 C
SA-29/1	117	2/24/2015 11:45	F-TEMP	21.5	21.5	1 C
SA-29/1	117	11/17/2015 9:20	F-TEMP	21.1	21.1	1 C
SA-29/1	117	3/7/2016 8:10	F-TEMP	20.9	20.9	1 C
SA-29/1	117	4/5/2016 8:40	F-TEMP	21.6	21.6	1 C
SA-30/1	986	2/18/2014 8:45	F-TEMP	17.6	17.6	1 C
SA-30/1	986	5/20/2014 7:25	F-TEMP	18	18	1 C
SA-30/1	986	8/20/2014 11:20	F-TEMP	21.3	21.3	1 C
SA-30/1	986	5/19/2015 7:20	F-TEMP	17.9	17.9	1 C
SA-30/1	986	8/12/2015 4:45	F-TEMP	17.9	17.9	1 C
SA-30/1	986	5/24/2016 8:40	F-TEMP	17.9	17.9	1 C
SA-30/1	986	7/7/2016 6:00	F-TEMP	18	18	1 C
SA-30/1	986	7/7/2016 6:05	F-TEMP	18	18	1 C
SA-31/1	118	11/26/2013 9:15	F-TEMP	21.6	21.6	1 C
SA-31/1	118	3/11/2014 8:55	F-TEMP	21.5	21.5	1 C
SA-31/1	118	5/20/2014 10:55	F-TEMP	22.1	22.1	1 C
SA-31/1	118	8/20/2014 10:15	F-TEMP	22.8	22.8	1 C
SA-31/1	118	2/24/2015 9:50	F-TEMP	21.6	21.6	1 C

SA-31/1	118	5/19/2015 9:50	F-TEMP	21.6	21.6	1 C
SA-31/1	118	8/12/2015 7:05	F-TEMP	21.8	21.8	1 C
SA-31/1	118	2/16/2016 10:45	F-TEMP	22.6	22.6	1 C
SA-31/1	118	5/24/2016 10:50	F-TEMP	22.1	22.1	1 C
SA-31/1	118	6/22/2016 6:35	F-TEMP	21.9	21.9	1 C
SA-33/1	980	2/18/2014 10:10	F-TEMP	20.5	20.5	1 C
SA-33/1	980	5/20/2014 10:25	F-TEMP	20.9	20.9	1 C
SA-33/1	980	2/24/2015 11:35	F-TEMP	20.7	20.7	1 C
SA-33/1	980	11/17/2015 9:10	F-TEMP	20.4	20.4	1 C
SA-33/1	980	2/16/2016 12:20	F-TEMP	21.1	21.1	1 C
SA-33/1	980	4/5/2016 8:15	F-TEMP	19.5	19.5	1 C
SA-33/1	980	6/22/2016 7:15	F-TEMP	20.8	20.8	1 C
SA-33/1	980	8/3/2016 11:00	F-TEMP	21.1	21.1	1 C
SA-34/1	3323	2/18/2014 15:20	F-TEMP	21.7	21.7	1 C
SA-34/1	3323	5/20/2014 11:20	F-TEMP	22.7	22.7	1 C
SA-34/1	3323	2/24/2015 12:15	F-TEMP	22.8	22.8	1 C
SA-34/1	3323	5/19/2015 11:20	F-TEMP	22.1	22.1	1 C
SA-34/1	3323	2/16/2016 11:35	F-TEMP	22.5	22.5	1 C
SA-34/1	3323	5/24/2016 12:20	F-TEMP	22.4	22.4	1 C
SA-34/1	3323	8/3/2016 7:10	F-TEMP	22.3	22.3	1 C
SA-35/1	8824	2/18/2014 12:55	F-TEMP	18.9	18.9	1 C
SA-35/1	8824	2/24/2015 8:10	F-TEMP	18.7	18.7	1 C
SA-35/1	8824	5/19/2015 7:50	F-TEMP	18.8	18.8	1 C
SA-35/1	8824	2/16/2016 8:35	F-TEMP	19	19	1 C
SA-35/1	8824	8/3/2016 8:45	F-TEMP	19.4	19.4	1 C
SA-36/1	1994	11/26/2013 8:30	F-TEMP	18.1	18.1	1 C
SA-36/1	1994	2/18/2014 11:25	F-TEMP	18.8	18.8	1 C
SA-36/1	1994	5/20/2014 8:25	F-TEMP	19	19	1 C
SA-36/1	1994	8/20/2014 7:10	F-TEMP	18.8	18.8	1 C
SA-36/1	1994	2/24/2015 8:30	F-TEMP	18.8	18.8	1 C
SA-36/1	1994	5/19/2015 8:20	F-TEMP	18.4	18.4	1 C
SA-36/1	1994	8/12/2015 5:40	F-TEMP	18.7	18.7	1 C
SA-36/1	1994	8/3/2016 8:30	F-TEMP	19.2	19.2	1 C
SA-37/1	8826	11/26/2013 8:00	F-TEMP	21.8	21.8	1 C
SA-37/1	8826	2/18/2014 7:30	F-TEMP	22.9	22.9	1 C
SA-37/1	8826	5/20/2014 7:00	F-TEMP	24	24	1 C
SA-37/1	8826	8/20/2014 9:55	F-TEMP	23.8	23.8	1 C
SA-37/1	8826	2/24/2015 7:35	F-TEMP	22	22	1 C
SA-37/1	8826	5/19/2015 6:40	F-TEMP	22.5	22.5	1 C
SA-37/1	8826	2/16/2016 7:50	F-TEMP	22.1	22.1	1 C
SA-37/1	8826	8/3/2016 10:25	F-TEMP	23.4	23.4	1 C
SA-38/1	8818	11/26/2013 10:45	F-TEMP	25.3	25.3	1 C
SA-38/1	8818	2/18/2014 13:35	F-TEMP	23.3	23.3	1 C
SA-38/1	8818	2/18/2014 13:40	F-TEMP	23.3	23.3	1 C
SA-38/1	8818	5/20/2014 9:05	F-TEMP	23.6	23.6	1 C
SA-38/1	8818	2/24/2015 10:20	F-TEMP	24.9	24.9	1 C
SA-38/1	8818	6/16/2015 7:25	F-TEMP	18.9	18.9	1 C

SA-38/1	8818	2/16/2016 10:25	F-TEMP	23.7	23.7	1 C
SA-38/1	8818	5/24/2016 12:50	F-TEMP	24.8	24.8	1 C
SA-39/1	18393	11/26/2013 8:50	F-TEMP	18.5	18.5	1 C
SA-39/1	18393	2/18/2014 12:30	F-TEMP	19.3	19.3	1 C
SA-39/1	18393	5/20/2014 8:45	F-TEMP	19.5	19.5	1 C
SA-39/1	18393	8/20/2014 6:55	F-TEMP	19.8	19.8	1 C
SA-39/1	18393	3/18/2015 8:05	F-TEMP	19.6	19.6	1 C
SA-39/1	18393	5/19/2015 8:50	F-TEMP	19.7	19.7	1 C
SA-39/1	18393	2/16/2016 9:15	F-TEMP	19.9	19.9	1 C
SA-39/1	18393	5/24/2016 9:55	F-TEMP	20	20	1 C
SA-39/1	18393	5/24/2016 10:05	F-TEMP	19.9	19.9	1 C
SA-40/1	19551	2/18/2014 14:35	F-TEMP	20.2	20.2	1 C
SA-40/1	19551	2/24/2015 9:40	F-TEMP	22.8	22.8	1 C
SA-40/1	19551	5/19/2015 9:35	F-TEMP	22.9	22.9	1 C
SA-40/1	19551	2/16/2016 12:45	F-TEMP	22.3	22.3	1 C
SA-40/1	19551	5/24/2016 13:20	F-TEMP	21.6	21.6	1 C
SA-41/1	19553	11/26/2013 9:40	F-TEMP	19.9	19.9	1 C
SA-41/1	19553	2/18/2014 9:40	F-TEMP	20	20	1 C
SA-41/1	19553	5/20/2014 10:05	F-TEMP	20.8	20.8	1 C
SA-41/1	19553	8/20/2014 9:25	F-TEMP	20.4	20.4	1 C
SA-41/1	19553	2/24/2015 11:20	F-TEMP	20.2	20.2	1 C
SA-41/1	19553	5/19/2015 10:50	F-TEMP	22.3	22.3	1 C
SA-41/1	19553	8/12/2015 6:10	F-TEMP	20.2	20.2	1 C
SA-41/1	19553	5/24/2016 11:55	F-TEMP	21.3	21.3	1 C
SB-BC/1	123	12/3/2013 8:35	F-TEMP	20.9	20.9	1 C
SB-BC/1	123	1/30/2014 9:00	F-TEMP	20.9	20.9	1 C
SB-BC/1	123	4/29/2014 8:15	F-TEMP	21.4	21.4	1 C
SB-BC/1	123	1/20/2015 8:30	F-TEMP	21	21	1 C
SB-BC/1	123	2/2/2015 10:30	F-TEMP	21	21	1 C
SB-BC/1	123	1/27/2016 9:30	F-TEMP	21.1	21.1	1 C
SB-BC/1	123	6/14/2016 8:20	F-TEMP	21.4	21.4	1 C
SB-BEV/1	1283	10/30/2013 8:35	F-TEMP	28.1	28.1	1 C
SB-BEV/1	1283	1/30/2014 9:30	F-TEMP	25.4	25.4	1 C
SB-BEV/1	1283	4/29/2014 7:45	F-TEMP	24	24	1 C
SB-LAM/1	21090	1/30/2014 9:55	F-TEMP	22.8	22.8	1 C
SB-LAM/1	21090	4/29/2014 8:00	F-TEMP	23.3	23.3	1 C
SB-LAM/1	21090	12/2/2014 7:40	F-TEMP	26.1	26.1	1 C
SB-LAM/1	21090	1/20/2015 8:05	F-TEMP	28.3	28.3	1 C
SB-LAM/1	21090	1/27/2016 9:10	F-TEMP	24.2	24.2	1 C
SB-LAM/1	21090	2/22/2016 9:30	F-TEMP	22.2	22.2	1 C
SB-LAM/1	21090	6/14/2016 8:00	F-TEMP	25.6	25.6	1 C
SB-LAM/1	21090	7/25/2016 7:40	F-TEMP	25.7	25.7	1 C
SB-LAM/1	21090	8/10/2016 7:40	F-TEMP	24.1	24.1	1 C
SB-LAM/1	21090	8/10/2016 7:50	F-TEMP	24.2	24.2	1 C
SB-LEI/1	1281	10/30/2013 8:00	F-TEMP	24.5	24.5	1 C
SB-LEI/1	1281	12/3/2013 8:10	F-TEMP	23.8	23.8	1 C
SB-LEI/1	1281	2/25/2014 7:25	F-TEMP	24.5	24.5	1 C

SB-LEI/1	1281	2/25/2014	7:40	F-TEMP	24.3	24.3	1 C
SB-LEI/1	1281	4/29/2014	7:30	F-TEMP	24.7	24.7	1 C
SCWC-CBA	914	11/5/2013	9:40	F-TEMP	18.5	18.5	1 C
SCWC-CBA	914	3/19/2014	8:45	F-TEMP	18.2	18.2	1 C
SCWC-CBA	914	5/27/2014	8:25	F-TEMP	18.7	18.7	1 C
SCWC-CBA	914	2/3/2015	13:15	F-TEMP	18.3	18.3	1 C
SCWC-CBA	914	2/9/2016	8:45	F-TEMP	18.5	18.5	1 C
SCWC-CBA	914	6/1/2016	9:35	F-TEMP	18.5	18.5	1 C
SCWC-CBA	914	6/1/2016	9:50	F-TEMP	18.5	18.5	1 C
SCWC-CBA	914	8/22/2016	10:35	F-TEMP	20.1	20.1	1 C
SCWC-CSC	906	3/19/2014	8:30	F-TEMP	18.2	18.2	1 C
SCWC-CSC	906	5/27/2014	8:45	F-TEMP	18.9	18.9	1 C
SCWC-CSC	906	2/3/2015	13:45	F-TEMP	18.8	18.8	1 C
SCWC-CSC	906	4/19/2016	11:15	F-TEMP	19.1	19.1	1 C
SCWC-CSC	906	8/1/2016	8:45	F-TEMP	18.7	18.7	1 C
SCWC-CSC	906	8/22/2016	10:45	F-TEMP	19.1	19.1	1 C
SCWC-CVV	908	11/5/2013	10:00	F-TEMP	18.6	18.6	1 C
SCWC-CVV	19580	2/3/2014	8:20	F-TEMP	18.4	18.4	1 C
SCWC-CVV	19580	2/5/2015	10:40	F-TEMP	18.9	18.9	1 C
SCWC-CVV	19580	5/12/2015	12:35	F-TEMP	18.6	18.6	1 C
SCWC-CVV	19580	9/29/2015	9:00	F-TEMP	19.3	19.3	1 C
SCWC-PBF	2617	10/22/2013	10:35	F-TEMP	19.1	19.1	1 C
SCWC-PBF	2617	1/23/2014	9:20	F-TEMP	19.5	19.5	1 C
SCWC-PBF	2617	4/16/2014	9:40	F-TEMP	19.8	19.8	1 C
SCWC-PBF	2617	7/29/2014	9:45	F-TEMP	21.5	21.5	1 C
SCWC-PBF	2617	1/20/2015	9:40	F-TEMP	19.5	19.5	1 C
SCWC-PBF	2617	6/15/2015	10:25	F-TEMP	20.3	20.3	1 C
SCWC-PBF	2617	7/6/2015	9:35	F-TEMP	20.2	20.2	1 C
SCWC-PBF	2617	10/20/2015	9:55	F-TEMP	20.3	20.3	1 C
SCWC-PBF	2617	1/19/2016	10:40	F-TEMP	18.9	18.9	1 C
SCWC-PBF	2617	4/19/2016	9:40	F-TEMP	20.4	20.4	1 C
SCWC-PBF	2617	7/18/2016	9:30	F-TEMP	20.4	20.4	1 C
SCWC-PBF	2617	8/15/2016	8:30	F-TEMP	20.5	20.5	1 C
SCWC-PBF	2617	8/15/2016	8:40	F-TEMP	20.4	20.4	1 C
SCWC-PBF	1075	10/23/2013	8:25	F-TEMP	19.6	19.6	1 C
SCWC-PBF	1075	1/23/2014	9:35	F-TEMP	19.5	19.5	1 C
SCWC-PBF	1075	4/16/2014	9:50	F-TEMP	19.9	19.9	1 C
SCWC-PBF	1075	7/29/2014	10:00	F-TEMP	21.1	21.1	1 C
SCWC-PBF	1075	3/25/2015	11:35	F-TEMP	19.9	19.9	1 C
SCWC-PBF	1075	4/20/2015	9:05	F-TEMP	19.7	19.7	1 C
SCWC-PBF	1075	7/6/2015	9:20	F-TEMP	20	20	1 C
SCWC-PBF	1075	10/20/2015	9:40	F-TEMP	19.9	19.9	1 C
SCWC-PBF	1075	1/19/2016	10:30	F-TEMP	19.8	19.8	1 C
SCWC-PBF	1075	4/19/2016	9:50	F-TEMP	20.4	20.4	1 C
SCWC-PBF	1075	7/18/2016	9:10	F-TEMP	20.1	20.1	1 C
SCWC-PLJ2	1070	11/6/2013	9:15	F-TEMP	23.8	23.8	0 C
SCWC-PLJ2	1070	11/18/2013	10:15	F-TEMP	23	23	1 C

SCWC-PLJ2	1070	11/18/2013 10:30	F-TEMP	23	23	1	C
SCWC-PLJ2	1070	12/3/2013 11:30	F-TEMP	23.6	23.6	1	C
SCWC-PLJ2	1070	1/6/2014 9:00	F-TEMP	22.3	22.3	1	C
SCWC-PLJ2	1070	2/3/2014 9:45	F-TEMP	22.2	22.2	1	C
SCWC-PLJ2	1070	3/10/2014 11:40	F-TEMP	23.8	23.8	1	C
SCWC-PLJ2	1070	5/6/2014 9:55	F-TEMP	23.5	23.5	0	C
SCWC-PLJ2	1070	6/3/2014 9:30	F-TEMP	23.8	23.8	1	C
SCWC-PLJ2	1070	7/7/2014 9:00	F-TEMP	24.1	24.1	0	C
SCWC-PLJ2	1070	7/30/2014 8:40	F-TEMP	24	24	1	C
SCWC-PLJ2	1070	8/4/2014 9:25	F-TEMP	23.8	23.8	0	C
SCWC-PLJ2	1070	9/18/2014 9:00	F-TEMP	23.4	23.4	0	C
SCWC-PLJ2	1070	10/20/2014 9:40	F-TEMP	23.5	23.5	0	C
SCWC-PLJ2	1070	11/13/2014 9:00	F-TEMP	22.8	22.8	0	C
SCWC-PLJ2	1070	12/2/2014 10:00	F-TEMP	23.1	23.1	1	C
SCWC-PLJ2	1070	1/19/2015 8:30	F-TEMP	21.1	21.1	1	C
SCWC-PLJ2	1070	2/17/2015 9:00	F-TEMP	22.4	22.4	1	C
SCWC-PLJ2	1070	3/9/2015 10:10	F-TEMP	22.6	22.6	1	C
SCWC-PLJ2	1070	4/14/2015 9:10	F-TEMP	22.5	22.5	1	C
SCWC-PLJ2	1070	4/20/2015 8:45	F-TEMP	23	23	1	C
SCWC-PLJ2	1070	5/11/2015 9:30	F-TEMP	23.1	23.1	1	C
SCWC-PLJ2	1070	5/18/2015 9:45	F-TEMP	23	23	1	C
SCWC-PLJ2	1070	6/15/2015 8:40	F-TEMP	23.1	23.1	1	C
SCWC-PLJ2	1070	6/23/2015 8:45	F-TEMP	22.2	22.2	1	C
SCWC-PLJ2	1070	7/21/2015 8:45	F-TEMP	22.1	22.1	1	C
SCWC-PLJ2	1070	10/12/2015 9:10	F-TEMP	22.6	22.6	1	C
SCWC-PLJ2	1070	10/20/2015 9:05	F-TEMP	22.4	22.4	1	C
SCWC-PLJ2	1070	11/9/2015 9:05	F-TEMP	22.1	22.1	1	C
SCWC-PLJ2	1070	12/1/2015 9:40	F-TEMP	22.4	22.4	1	C
SCWC-PLJ2	1070	1/6/2016 9:15	F-TEMP	21.2	21.2	1	C
SCWC-PLJ2	1070	1/19/2016 11:00	F-TEMP	22.1	22.1	1	C
SCWC-PLJ2	1070	1/19/2016 11:10	F-TEMP	22.4	22.4	1	C
SCWC-PLJ2	1070	3/22/2016 9:10	F-TEMP	22.7	22.7	1	C
SCWC-PLJ2	1070	3/22/2016 9:25	F-TEMP	22.7	22.7	1	C
SCWC-PLJ2	1070	3/22/2016 9:35	F-TEMP	22.9	22.9	1	C
SCWC-PLJ2	1070	3/31/2016 10:50	F-TEMP	23.1	23.1	1	C
SCWC-PLJ2	1070	4/19/2016 9:20	F-TEMP	23.1	23.1	1	C
SCWC-PLJ2	1070	5/31/2016 8:30	F-TEMP	22.8	22.8	1	C
SCWC-PLJ2	1070	6/2/2016 11:40	F-TEMP	24.6	24.6	1	C
SCWC-PLJ2	1070	6/8/2016 10:50	F-TEMP	23.4	23.4	1	C
SCWC-PLJ2	1070	6/13/2016 10:40	F-TEMP	23.2	23.2	1	C
SCWC-PLJ2	1070	7/6/2016 8:50	F-TEMP	23.4	23.4	1	C
SCWC-PLJ2	1070	7/18/2016 8:45	F-TEMP	21.9	21.9	1	C
SCWC-PLJ2	1070	7/18/2016 8:50	F-TEMP	23.2	23.2	1	C
SCWC-PLJ2	1070	7/27/2016 11:10	F-TEMP	23.7	23.7	1	C
SCWC-PLJ2	1070	8/15/2016 8:15	F-TEMP	23.2	23.2	1	C
SCWC-PLJ2	1070	9/20/2016 9:25	F-TEMP	23.4	23.4	1	C
SCWC-PLJ2	1070	9/21/2016 9:55	F-TEMP	23.3	23.3	1	C

SCWC-PRU	15489	10/22/2013	10:50	F-TEMP	26.4	26.4	1 C
SCWC-PRU	15489	1/23/2014	10:00	F-TEMP	26.1	26.1	1 C
SCWC-PRU	15489	4/16/2014	10:15	F-TEMP	25.6	25.6	1 C
SCWC-PRU	15489	7/29/2014	10:20	F-TEMP	27.2	27.2	1 C
SCWC-PRU	15489	10/20/2014	10:50	F-TEMP	27	27	1 C
SCWC-PRU	15489	10/28/2014	10:15	F-TEMP	26.6	26.6	1 C
SCWC-PRU	15489	1/20/2015	10:15	F-TEMP	26.1	26.1	1 C
SCWC-PRU	15489	4/20/2015	9:35	F-TEMP	26.6	26.6	1 C
SCWC-PRU	15489	7/6/2015	10:00	F-TEMP	25.9	25.9	1 C
SCWC-PRU	15489	8/18/2015	8:25	F-TEMP	26.6	26.6	1 C
SCWC-PRU	15489	8/18/2015	8:40	F-TEMP	26.5	26.5	1 C
SCWC-PRU	15489	10/20/2015	10:20	F-TEMP	24.6	24.6	1 C
SCWC-PRU	15489	1/19/2016	11:30	F-TEMP	26.1	26.1	1 C
SCWC-PRU	15489	1/19/2016	11:40	F-TEMP	26	26	1 C
SCWC-PRU	15489	4/19/2016	10:30	F-TEMP	26.9	26.9	1 C
SCWC-PRU	15489	7/18/2016	10:10	F-TEMP	26.3	26.3	1 C
SCWC-SBC	941	10/1/2013	8:20	F-TEMP	18.5	18.5	1 C
SCWC-SBC	941	10/29/2013	9:10	F-TEMP	18.4	18.4	1 C
SCWC-SBC	941	2/11/2014	11:35	F-TEMP	18.8	18.8	1 C
SCWC-SBC	941	5/21/2014	9:00	F-TEMP	18.7	18.7	1 C
SCWC-SBC	941	2/12/2015	11:15	F-TEMP	19.1	19.1	1 C
SCWC-SBC	941	2/17/2016	9:10	F-TEMP	18.8	18.8	1 C
SCWC-SBC	941	6/1/2016	12:00	F-TEMP	19	19	1 C
SCWC-SCL4	924	10/29/2013	8:05	F-TEMP	17.7	17.7	1 C
SCWC-SCL4	924	3/4/2014	9:25	F-TEMP	18.3	18.3	1 C
SCWC-SCL4	924	5/21/2014	9:35	F-TEMP	18.4	18.4	1 C
SCWC-SCL4	924	8/12/2014	10:55	F-TEMP	18.6	18.6	1 C
SCWC-SCL4	924	9/3/2014	8:45	F-TEMP	18.3	18.3	1 C
SCWC-SCL4	924	9/3/2014	9:00	F-TEMP	18.4	18.4	1 C
SCWC-SCL4	924	11/4/2014	8:50	F-TEMP	18.4	18.4	1 C
SCWC-SCL4	924	2/4/2015	9:55	F-TEMP	17.9	17.9	1 C
SCWC-SCL4	924	5/12/2015	10:05	F-TEMP	18	18	1 C
SCWC-SCL4	924	8/5/2015	12:20	F-TEMP	19	19	1 C
SCWC-SCL4	924	11/9/2015	9:20	F-TEMP	18.3	18.3	1 C
SCWC-SCL4	924	2/17/2016	10:05	F-TEMP	18.4	18.4	1 C
SCWC-SCL4	924	3/8/2016	10:55	F-TEMP	18.4	18.4	1 C
SCWC-SCL4	924	3/8/2016	11:10	F-TEMP	18.4	18.4	1 C
SCWC-SCL4	924	4/20/2016	9:00	F-TEMP	19.8	19.8	1 C
SCWC-SCL4	924	4/20/2016	9:05	F-TEMP	19.2	19.2	1 C
SCWC-SCL4	924	4/20/2016	9:10	F-TEMP	18.9	18.9	1 C
SCWC-SCL4	924	4/20/2016	9:15	F-TEMP	19.7	19.7	1 C
SCWC-SCL4	924	4/20/2016	9:20	F-TEMP	19.5	19.5	1 C
SCWC-SCL4	924	4/20/2016	9:25	F-TEMP	20.5	20.5	1 C
SCWC-SCL4	924	4/20/2016	9:30	F-TEMP	18.8	18.8	1 C
SCWC-SCL4	924	4/20/2016	9:35	F-TEMP	19.2	19.2	1 C
SCWC-SCL4	924	4/20/2016	9:40	F-TEMP	19.2	19.2	1 C
SCWC-SCL4	924	4/20/2016	9:45	F-TEMP	19.3	19.3	1 C

SCWC-SCL4	924	4/20/2016	9:50	F-TEMP	19	19	1 C
SCWC-SCL4	924	4/20/2016	9:55	F-TEMP	19	19	1 C
SCWC-SCL4	924	4/20/2016	10:00	F-TEMP	19	19	1 C
SCWC-SCL4	924	4/20/2016	10:15	F-TEMP	19.2	19.2	1 C
SCWC-SCL4	924	4/20/2016	10:30	F-TEMP	19.2	19.2	1 C
SCWC-SCL4	924	4/20/2016	10:45	F-TEMP	19.4	19.4	1 C
SCWC-SCL4	924	4/20/2016	11:00	F-TEMP	19.3	19.3	1 C
SCWC-SCL4	924	4/20/2016	11:30	F-TEMP	19.6	19.6	1 C
SCWC-SCL4	924	4/20/2016	12:00	F-TEMP	20.6	20.6	1 C
SCWC-SCL4	924	4/20/2016	12:30	F-TEMP	21.3	21.3	1 C
SCWC-SCL4	924	4/20/2016	13:00	F-TEMP	19	19	1 C
SCWC-SCL4	924	4/20/2016	14:00	F-TEMP	18.9	18.9	1 C
SCWC-SCL4	924	4/20/2016	15:00	F-TEMP	18.9	18.9	1 C
SCWC-SCL4	924	4/20/2016	16:00	F-TEMP	19	19	1 C
SCWC-SCL4	924	4/20/2016	17:00	F-TEMP	18.8	18.8	1 C
SCWC-SCL4	924	4/20/2016	18:00	F-TEMP	18.9	18.9	1 C
SCWC-SCL4	924	4/20/2016	21:00	F-TEMP	18.5	18.5	1 C
SCWC-SCL4	924	4/21/2016	0:00	F-TEMP	19.7	19.7	1 C
SCWC-SCL4	924	4/21/2016	3:00	F-TEMP	17.8	17.8	1 C
SCWC-SCL4	924	4/21/2016	6:00	F-TEMP	18.3	18.3	1 C
SCWC-SCL4	924	4/21/2016	9:00	F-TEMP	18.6	18.6	1 C
SCWC-SCL4	924	4/21/2016	13:00	F-TEMP	20.1	20.1	1 C
SCWC-SDA	926	10/29/2013	7:40	F-TEMP	17.3	17.3	1 C
SCWC-SDA	926	3/4/2014	8:55	F-TEMP	17.7	17.7	1 C
SCWC-SDA	926	3/19/2014	11:35	F-TEMP	17.8	17.8	1 C
SCWC-SDA	926	5/21/2014	8:20	F-TEMP	18	18	1 C
SCWC-SDA	926	2/4/2015	9:00	F-TEMP	17.6	17.6	1 C
SCWC-SDA	926	2/17/2016	9:40	F-TEMP	18.2	18.2	1 C
SCWC-SDA	926	8/1/2016	10:20	F-TEMP	18.3	18.3	1 C
SCWC-SLO	1531	10/29/2013	8:45	F-TEMP	18	18	1 C
SCWC-SLO	1531	2/13/2014	9:05	F-TEMP	18.2	18.2	1 C
SCWC-SLO	1531	5/21/2014	10:10	F-TEMP	18.3	18.3	1 C
SCWC-SLO	1531	8/12/2014	8:40	F-TEMP	18.5	18.5	1 C
SCWC-SLO	1531	2/4/2015	11:10	F-TEMP	17.9	17.9	1 C
SCWC-SLO	1531	5/12/2015	9:45	F-TEMP	18	18	1 C
SCWC-SLO	1531	6/1/2016	10:05	F-TEMP	18.3	18.3	1 C
SCWC-SOR	928	7/30/2014	11:00	F-TEMP	19.8	19.8	1 C
SCWC-SOR	928	11/4/2014	8:15	F-TEMP	19.1	19.1	1 C
SCWC-SOR	928	2/4/2015	9:25	F-TEMP	18.5	18.5	1 C
SCWC-SOR	928	3/2/2015	10:20	F-TEMP	18.6	18.6	1 C
SCWC-SOR	928	3/2/2015	10:35	F-TEMP	18.5	18.5	1 C
SCWC-SOR	928	3/19/2015	11:30	F-TEMP	18.9	18.9	1 C
SCWC-SOR	928	5/27/2015	9:00	F-TEMP	18.7	18.7	1 C
SCWC-SOR	928	6/14/2016	12:20	F-TEMP	18.8	18.8	1 C
SCWC-SOR	928	8/1/2016	10:05	F-TEMP	19.4	19.4	1 C
SCWC-SSH	920	10/29/2013	8:30	F-TEMP	17.7	17.7	1 C
SCWC-SSH	920	2/13/2014	8:15	F-TEMP	17.4	17.4	1 C

SCWC-SSH	920	5/21/2014 9:50	F-TEMP	18.2	18.2	1 C
SCWC-SSH	920	8/12/2014 11:25	F-TEMP	19.8	19.8	1 C
SCWC-SSH	920	11/4/2014 9:05	F-TEMP	18.1	18.1	1 C
SCWC-SSH	920	2/3/2015 12:00	F-TEMP	18.1	18.1	1 C
SCWC-SSH	920	5/12/2015 11:45	F-TEMP	17.8	17.8	1 C
SCWC-SSH	920	8/5/2015 13:50	F-TEMP	20	20	1 C
SCWC-SSH	920	11/9/2015 9:50	F-TEMP	18	18	1 C
SCWC-SSH	920	2/17/2016 10:45	F-TEMP	18.2	18.2	1 C
SCWC-SSH	920	8/1/2016 9:45	F-TEMP	18.1	18.1	1 C
SCWC-SSY(	943	10/29/2013 9:30	F-TEMP	17.5	17.5	1 C
SCWC-SSY(	943	2/13/2014 9:30	F-TEMP	18	18	1 C
SCWC-SSY(	943	2/27/2014 8:05	F-TEMP	17.5	17.5	1 C
SCWC-SSY(	943	2/27/2014 8:20	F-TEMP	17.5	17.5	1 C
SCWC-SSY(	943	5/9/2014 8:10	F-TEMP	17.5	17.5	1 C
SCWC-SSY(	943	5/9/2014 8:25	F-TEMP	17.5	17.5	1 C
SCWC-SSY(	943	5/21/2014 8:40	F-TEMP	17.9	17.9	1 C
SCWC-SSY(	943	8/12/2014 7:55	F-TEMP	18	18	1 C
SCWC-SSY(	943	2/3/2015 11:30	F-TEMP	17.7	17.7	1 C
SCWC-SSY(	943	5/12/2015 12:05	F-TEMP	17.7	17.7	1 C
SCWC-SSY(	943	8/5/2015 10:25	F-TEMP	18.2	18.2	1 C
SCWC-SSY(	943	11/9/2015 10:25	F-TEMP	17.9	17.9	1 C
SCWC-SSY(	943	2/17/2016 8:50	F-TEMP	17.9	17.9	1 C
SCWC-SSY(	943	6/1/2016 12:30	F-TEMP	18.2	18.2	1 C
SCWC-SSY(	943	8/1/2016 10:40	F-TEMP	19.1	19.1	1 C
T-COLU/1	951	10/15/2013 9:10	F-TEMP	25.9	25.9	1 C
T-COLU/1	951	10/15/2013 9:20	F-TEMP	25.8	25.8	1 C
T-COLU/1	951	2/25/2014 9:25	F-TEMP	25.6	25.6	1 C
T-COLU/1	951	5/28/2014 10:05	F-TEMP	27	27	1 C
T-COLU/1	951	8/13/2014 10:15	F-TEMP	26.9	26.9	1 C
T-COLU/1	951	11/13/2014 10:45	F-TEMP	26.4	26.4	1 C
T-COLU/1	951	2/24/2016 11:10	F-TEMP	23.6	23.6	1 C
T-COLU/1	951	3/21/2016 8:55	F-TEMP	26.4	26.4	1 C
T-COLU/1	951	3/21/2016 9:10	F-TEMP	25.1	25.1	1 C
T-COLU/1	951	6/2/2016 10:35	F-TEMP	26.8	26.8	1 C
T-COLU/1	951	6/2/2016 10:50	F-TEMP	26.5	26.5	1 C
T-MS3/1	955	1/16/2014 10:05	F-TEMP	21	21	1 C
T-MS3/1	955	2/25/2014 10:50	F-TEMP	20.9	20.9	1 C
T-MS3/1	955	8/13/2014 9:30	F-TEMP	21.5	21.5	1 C
T-MS3/1	955	9/30/2014 9:20	F-TEMP	21.3	21.3	1 C
T-MS3/1	955	11/13/2014 10:25	F-TEMP	21.2	21.2	1 C
T-MS3/1	955	3/11/2015 9:40	F-TEMP	21.2	21.2	1 C
T-MS3/1	955	3/17/2015 12:50	F-TEMP	21.8	21.8	1 C
T-MS3/1	955	5/13/2015 9:10	F-TEMP	21	21	1 C
T-MS3/1	955	6/1/2015 10:05	F-TEMP	21.7	21.7	1 C
T-MS3/1	955	8/10/2015 10:40	F-TEMP	21.4	21.4	1 C
T-MS3/1	955	11/10/2015 9:00	F-TEMP	20	20	1 C
T-MS3/1	955	2/24/2016 8:55	F-TEMP	20.1	20.1	1 C

T-MS3/1	955	3/8/2016 9:10	F-TEMP	20.9	20.9	1 C
T-MS3/1	955	3/8/2016 9:25	F-TEMP	21	21	1 C
T-MS3/1	955	6/2/2016 9:35	F-TEMP	21.4	21.4	1 C
T-MS3/1	955	8/17/2016 12:15	F-TEMP	21.7	21.7	1 C
T-MS4/1	15471	1/16/2014 10:15	F-TEMP	22.4	22.4	1 C
T-MS4/1	15471	2/25/2014 11:15	F-TEMP	22.4	22.4	1 C
T-MS4/1	15471	5/28/2014 9:10	F-TEMP	23.7	23.7	1 C
T-MS4/1	15471	6/6/2014 11:40	F-TEMP	24.2	24.2	1 C
T-MS4/1	15471	6/6/2014 11:55	F-TEMP	24	24	1 C
T-MS4/1	15471	8/13/2014 9:15	F-TEMP	24	24	1 C
T-MS4/1	15471	11/13/2014 10:05	F-TEMP	23.2	23.2	1 C
T-MS4/1	15471	3/11/2015 9:25	F-TEMP	23.9	23.9	1 C
T-MS4/1	15471	3/17/2015 12:40	F-TEMP	25.4	25.4	1 C
T-MS4/1	15471	5/13/2015 9:25	F-TEMP	23.9	23.9	1 C
T-MS4/1	15471	6/1/2015 9:50	F-TEMP	23.7	23.7	1 C
T-MS4/1	15471	8/10/2015 11:00	F-TEMP	24.3	24.3	1 C
T-MS4/1	15471	12/14/2015 9:00	F-TEMP	22.1	22.1	1 C
T-MS4/1	15471	2/24/2016 8:40	F-TEMP	24.2	24.2	1 C
T-NEWP/1	1371	7/27/2015 9:40	F-TEMP	23.1	23.1	1 C
T-NEWP/1	1371	11/18/2015 11:45	F-TEMP	22.2	22.2	1 C
T-NEWP/1	1371	11/18/2015 11:50	F-TEMP	22.4	22.4	1 C
T-NEWP/1	1371	11/18/2015 11:55	F-TEMP	22.5	22.5	1 C
T-NEWP/1	1371	9/13/2016 9:05	F-TEMP	22.1	22.1	1 C
T-NEWP/1	1371	9/14/2016 9:55	F-TEMP	22.5	22.5	1 C
T-PAS/1	20305	10/15/2013 8:30	F-TEMP	23.1	23.1	1 C
T-PAS/1	20305	2/25/2014 9:00	F-TEMP	22.5	22.5	1 C
T-PAS/1	20305	5/28/2014 9:45	F-TEMP	24.2	24.2	1 C
T-PAS/1	20305	8/13/2014 9:55	F-TEMP	24.5	24.5	1 C
T-PAS/1	20305	11/13/2014 11:00	F-TEMP	22.9	22.9	1 C
T-PAS/1	20305	5/13/2015 9:55	F-TEMP	23.1	23.1	1 C
T-PAS/1	20305	7/27/2015 9:10	F-TEMP	23.4	23.4	1 C
T-PAS/1	20305	6/2/2016 10:15	F-TEMP	23.3	23.3	1 C
T-PROS/1	1365	10/15/2013 11:00	F-TEMP	22.1	22.1	1 C
T-PROS/1	1365	10/15/2013 11:10	F-TEMP	22.4	22.4	1 C
T-PROS/1	1365	11/25/2013 10:40	F-TEMP	21.9	21.9	1 C
T-PROS/1	1365	2/25/2014 10:00	F-TEMP	21.8	21.8	1 C
T-PROS/1	1365	5/28/2014 10:40	F-TEMP	22.5	22.5	1 C
T-PROS/1	1365	8/13/2014 10:45	F-TEMP	22.6	22.6	1 C
T-PROS/1	1365	11/13/2014 11:30	F-TEMP	22.8	22.8	1 C
T-PROS/1	1365	3/11/2015 10:30	F-TEMP	22.2	22.2	1 C
T-PROS/1	1365	5/13/2015 10:40	F-TEMP	22.1	22.1	1 C
T-PROS/1	1365	7/27/2015 11:10	F-TEMP	23.1	23.1	1 C
T-PROS/1	1365	11/10/2015 9:30	F-TEMP	21.9	21.9	1 C
T-PROS/1	1365	11/18/2015 9:05	F-TEMP	21.6	21.6	1 C
T-PROS/1	1365	2/24/2016 9:50	F-TEMP	22.4	22.4	1 C
T-PROS/1	1365	6/2/2016 11:10	F-TEMP	22.1	22.1	1 C
T-PROS/1	1365	6/28/2016 8:45	F-TEMP	22.4	22.4	1 C

T-PROS/1	1365	8/17/2016	13:10	F-TEMP	22.9	22.9	1 C
T-PROS/1	1365	9/13/2016	10:10	F-TEMP	22	22	1 C
T-TUST/1	947	10/15/2013	10:35	F-TEMP	21.1	21.1	1 C
T-TUST/1	947	11/27/2013	11:00	F-TEMP	20	20	1 C
T-TUST/1	947	2/25/2014	10:25	F-TEMP	20.1	20.1	1 C
T-TUST/1	947	5/28/2014	11:00	F-TEMP	21.2	21.2	1 C
T-TUST/1	947	3/11/2015	10:45	F-TEMP	21	21	1 C
T-VNBG/1	9205	10/15/2013	9:50	F-TEMP	25.4	25.4	1 C
T-VNBG/1	9205	2/25/2014	9:45	F-TEMP	25.3	25.3	1 C
T-VNBG/1	9205	5/28/2014	10:25	F-TEMP	25.9	25.9	1 C
T-VNBG/1	9205	8/13/2014	10:30	F-TEMP	25.6	25.6	1 C
T-VNBG/1	9205	11/13/2014	11:15	F-TEMP	25.4	25.4	1 C
T-VNBG/1	9205	3/11/2015	10:15	F-TEMP	25.6	25.6	1 C
T-VNBG/1	9205	11/18/2015	9:20	F-TEMP	21.6	21.6	1 C
T-VNBG/1	9205	2/24/2016	9:30	F-TEMP	25.7	25.7	1 C
T-VNBG/1	9205	6/2/2016	11:00	F-TEMP	26.1	26.1	1 C
T-VNBG/1	9205	9/13/2016	9:45	F-TEMP	25.6	25.6	1 C
T-WALN/1	959	5/28/2014	8:30	F-TEMP	23.7	23.7	1 C
T-WALN/1	959	8/13/2014	8:50	F-TEMP	24	24	1 C
T-WALN/1	959	11/13/2014	9:45	F-TEMP	24.4	24.4	1 C
T-WALN/1	959	3/11/2015	9:05	F-TEMP	24	24	1 C
T-WALN/1	959	5/13/2015	8:40	F-TEMP	24.4	24.4	1 C
T-WALN/1	959	7/27/2015	8:50	F-TEMP	24	24	1 C
T-WALN/1	959	12/7/2015	11:00	F-TEMP	23.3	23.3	1 C
T-WALN/1	959	3/21/2016	8:25	F-TEMP	23.7	23.7	1 C
T-WALN/1	959	6/2/2016	9:55	F-TEMP	24.9	24.9	1 C
T-WALN/1	959	8/17/2016	12:35	F-TEMP	25.4	25.4	1 C
YLWD-1/1	2603	10/2/2013	8:40	F-TEMP	19.6	19.6	1 C
YLWD-1/1	2603	1/8/2014	8:30	F-TEMP	18.4	18.4	1 C
YLWD-1/1	2603	4/2/2014	8:55	F-TEMP	19.3	19.3	1 C
YLWD-1/1	2603	8/21/2014	11:05	F-TEMP	21.8	21.8	1 C
YLWD-1/1	2603	10/8/2014	9:20	F-TEMP	19.6	19.6	1 C
YLWD-1/1	2603	2/11/2015	9:20	F-TEMP	19.7	19.7	1 C
YLWD-1/1	2603	4/1/2015	9:00	F-TEMP	19.4	19.4	1 C
YLWD-1/1	2603	7/8/2015	8:35	F-TEMP	19.6	19.6	1 C
YLWD-1/1	2603	9/14/2015	8:10	F-TEMP	19.8	19.8	1 C
YLWD-1/1	2603	9/14/2015	8:20	F-TEMP	19.8	19.8	1 C
YLWD-1/1	2603	1/14/2016	9:45	F-TEMP	19.2	19.2	1 C
YLWD-1/1	2603	1/14/2016	9:55	F-TEMP	19.3	19.3	1 C
YLWD-1/1	2603	4/13/2016	11:35	F-TEMP	19.7	19.7	1 C
YLWD-1/1	2603	6/15/2016	9:55	F-TEMP	19	19	1 C
YLWD-1/1	2603	6/15/2016	9:55	F-TEMP	19.6	19.6	1 C
YLWD-1/1	2603	9/7/2016	9:35	F-TEMP	20	20	1 C
YLWD-10/1	2601	10/2/2013	8:05	F-TEMP	18.4	18.4	1 C
YLWD-10/1	2601	11/20/2013	8:40	F-TEMP	18.1	18.1	1 C
YLWD-10/1	2601	1/8/2014	10:05	F-TEMP	18.4	18.4	1 C
YLWD-10/1	2601	4/2/2014	8:35	F-TEMP	18.1	18.1	1 C

YLWD-10/:	2601	7/9/2014 8:35	F-TEMP	19	19	1	C
YLWD-10/:	2601	10/8/2014 8:40	F-TEMP	18.6	18.6	1	C
YLWD-10/:	2601	2/11/2015 8:50	F-TEMP	18.9	18.9	1	C
YLWD-10/:	2601	1/14/2016 8:30	F-TEMP	18	18	1	C
YLWD-10/:	2601	4/13/2016 10:45	F-TEMP	18.7	18.7	1	C
YLWD-10/:	2601	4/13/2016 10:50	F-TEMP	18.7	18.7	1	C
YLWD-10/:	2601	6/15/2016 10:10	F-TEMP	18.8	18.8	1	C
YLWD-10/:	2601	6/15/2016 10:10	F-TEMP	19.8	19.8	1	C
YLWD-10/:	2601	9/7/2016 9:25	F-TEMP	19	19	1	C
YLWD-11/:	531	10/16/2013 8:40	F-TEMP	18.4	18.4	1	C
YLWD-11/:	531	1/8/2014 9:50	F-TEMP	19.3	19.3	1	C
YLWD-11/:	531	4/2/2014 8:15	F-TEMP	19.6	19.6	1	C
YLWD-11/:	531	9/3/2014 11:30	F-TEMP	20.9	20.9	1	C
YLWD-11/:	531	3/30/2015 10:05	F-TEMP	19.8	19.8	1	C
YLWD-11/:	531	6/3/2015 8:05	F-TEMP	19.8	19.8	1	C
YLWD-11/:	531	7/8/2015 9:25	F-TEMP	19.6	19.6	1	C
YLWD-11/:	531	10/7/2015 9:25	F-TEMP	19.6	19.6	1	C
YLWD-11/:	531	1/14/2016 10:05	F-TEMP	19.5	19.5	1	C
YLWD-11/:	531	1/14/2016 10:15	F-TEMP	19.4	19.4	1	C
YLWD-11/:	531	4/13/2016 12:10	F-TEMP	20.5	20.5	1	C
YLWD-11/:	531	4/13/2016 12:20	F-TEMP	20.7	20.7	1	C
YLWD-11/:	531	7/21/2016 9:05	F-TEMP	20.4	20.4	1	C
YLWD-11/:	531	9/7/2016 10:25	F-TEMP	19.9	19.9	1	C
YLWD-12/:	2599	10/16/2013 9:00	F-TEMP	19.9	19.9	1	C
YLWD-12/:	2599	1/8/2014 9:20	F-TEMP	18.2	18.2	1	C
YLWD-12/:	2599	4/2/2014 8:40	F-TEMP	18.6	18.6	1	C
YLWD-12/:	2599	7/9/2014 8:45	F-TEMP	20.1	20.1	1	C
YLWD-12/:	2599	10/8/2014 9:00	F-TEMP	20	20	1	C
YLWD-12/:	2599	1/14/2015 9:15	F-TEMP	19.5	19.5	1	C
YLWD-12/:	2599	2/19/2015 9:40	F-TEMP	19.9	19.9	1	C
YLWD-12/:	2599	4/1/2015 9:50	F-TEMP	19.9	19.9	1	C
YLWD-12/:	2599	7/8/2015 9:00	F-TEMP	19.2	19.2	1	C
YLWD-12/:	2599	10/8/2015 11:05	F-TEMP	19.5	19.5	1	C
YLWD-12/:	2599	1/14/2016 8:45	F-TEMP	18.1	18.1	1	C
YLWD-12/:	2599	4/13/2016 12:30	F-TEMP	19.6	19.6	1	C
YLWD-12/:	2599	6/15/2016 9:35	F-TEMP	19.9	19.9	1	C
YLWD-12/:	2599	6/15/2016 9:35	F-TEMP	19.9	19.9	1	C
YLWD-12/:	2599	7/21/2016 10:50	F-TEMP	21.2	21.2	1	C
YLWD-12/:	2599	9/7/2016 10:05	F-TEMP	20.5	20.5	1	C
YLWD-15/:	1521	11/25/2013 8:00	F-TEMP	17.7	17.7	1	C
YLWD-15/:	1521	1/8/2014 9:05	F-TEMP	18.5	18.5	1	C
YLWD-15/:	1521	1/8/2014 9:15	F-TEMP	18.2	18.2	1	C
YLWD-15/:	1521	4/2/2014 8:00	F-TEMP	18	18	1	C
YLWD-15/:	1521	4/2/2014 8:05	F-TEMP	18.1	18.1	1	C
YLWD-15/:	1521	7/9/2014 8:05	F-TEMP	19.4	19.4	1	C
YLWD-15/:	1521	10/8/2014 8:15	F-TEMP	19.5	19.5	1	C
YLWD-15/:	1521	10/27/2014 9:45	F-TEMP	18.9	18.9	1	C

YLWD-15/:	1521	1/14/2015 8:10	F-TEMP	18.2	18.2	1	C
YLWD-15/:	1521	2/19/2015 8:10	F-TEMP	18.6	18.6	1	C
YLWD-15/:	1521	4/1/2015 8:10	F-TEMP	18.3	18.3	1	C
YLWD-15/:	1521	7/8/2015 9:15	F-TEMP	19.6	19.6	1	C
YLWD-15/:	1521	10/7/2015 9:15	F-TEMP	20.5	20.5	1	C
YLWD-15/:	1521	1/14/2016 9:20	F-TEMP	18.3	18.3	1	C
YLWD-15/:	1521	4/13/2016 11:05	F-TEMP	19.1	19.1	1	C
YLWD-15/:	1521	6/15/2016 8:10	F-TEMP	20	20	1	C
YLWD-15/:	1521	6/15/2016 8:10	F-TEMP	20	20	1	C
YLWD-15/:	1521	9/7/2016 8:40	F-TEMP	20.4	20.4	1	C
YLWD-15/:	1521	9/7/2016 8:50	F-TEMP	20.4	20.4	1	C
YLWD-15/:	1521	9/7/2016 9:00	F-TEMP	20.3	20.3	1	C
YLWD-18/:	18765	10/16/2013 8:10	F-TEMP	19.9	19.9	1	C
YLWD-18/:	18765	1/8/2014 9:35	F-TEMP	19.6	19.6	1	C
YLWD-18/:	18765	4/2/2014 9:45	F-TEMP	19.5	19.5	1	C
YLWD-18/:	18765	7/9/2014 9:25	F-TEMP	20.5	20.5	1	C
YLWD-18/:	18765	7/9/2014 9:35	F-TEMP	20.3	20.3	1	C
YLWD-18/:	18765	9/9/2014 9:35	F-TEMP	20.4	20.4	1	C
YLWD-18/:	18765	10/8/2014 8:50	F-TEMP	20.2	20.2	1	C
YLWD-18/:	18765	3/11/2015 11:25	F-TEMP	20.7	20.7	1	C
YLWD-18/:	18765	1/14/2016 10:25	F-TEMP	19.3	19.3	1	C
YLWD-18/:	18765	4/13/2016 11:55	F-TEMP	20.4	20.4	1	C
YLWD-18/:	18765	6/15/2016 9:45	F-TEMP	20.1	20.1	1	C
YLWD-18/:	18765	6/15/2016 9:45	F-TEMP	20.1	20.1	1	C
YLWD-18/:	18765	9/7/2016 8:30	F-TEMP	20.3	20.3	1	C
YLWD-19/:	19555	10/2/2013 9:10	F-TEMP	19.4	19.4	1	C
YLWD-19/:	19555	1/8/2014 8:15	F-TEMP	18.5	18.5	1	C
YLWD-19/:	19555	4/2/2014 9:55	F-TEMP	18.9	18.9	1	C
YLWD-19/:	19555	7/9/2014 9:50	F-TEMP	20.2	20.2	1	C
YLWD-19/:	19555	10/8/2014 10:00	F-TEMP	19.7	19.7	1	C
YLWD-19/:	19555	2/19/2015 8:40	F-TEMP	19.6	19.6	1	C
YLWD-19/:	19555	4/1/2015 8:45	F-TEMP	18.9	18.9	1	C
YLWD-19/:	19555	1/14/2016 8:15	F-TEMP	19	19	1	C
YLWD-19/:	19555	3/1/2016 10:20	F-TEMP	19.4	19.4	1	C
YLWD-19/:	19555	3/1/2016 10:35	F-TEMP	19.7	19.7	1	C
YLWD-19/:	19555	4/13/2016 11:15	F-TEMP	19.9	19.9	1	C
YLWD-19/:	19555	7/21/2016 9:35	F-TEMP	20.5	20.5	1	C
YLWD-19/:	19555	9/7/2016 10:15	F-TEMP	19.9	19.9	1	C
YLWD-20/:	21244	11/20/2013 8:30	F-TEMP	19.4	19.4	1	C
YLWD-20/:	21244	1/8/2014 8:00	F-TEMP	19.4	19.4	1	C
YLWD-20/:	21244	7/9/2014 8:15	F-TEMP	19.3	19.3	1	C
YLWD-20/:	21244	7/9/2014 8:25	F-TEMP	20.2	20.2	1	C
YLWD-20/:	21244	10/27/2014 8:15	F-TEMP	19.8	19.8	1	C
YLWD-20/:	21244	2/19/2015 9:25	F-TEMP	19.8	19.8	1	C
YLWD-20/:	21244	1/14/2016 8:00	F-TEMP	19.7	19.7	1	C
YLWD-20/:	21244	4/13/2016 10:30	F-TEMP	20.1	20.1	1	C
YLWD-20/:	21244	6/15/2016 10:20	F-TEMP	20.1	20.1	1	C

YLWD-20/1	21244	6/15/2016 10:20	F-TEMP	20.1	20.1	1	C
YLWD-20/1	21244	7/21/2016 8:50	F-TEMP	20.7	20.7	1	C
YLWD-20/1	21244	8/15/2016 9:05	F-TEMP	20.4	20.4	1	C
YLWD-20/1	21244	8/15/2016 9:15	F-TEMP	20.3	20.3	1	C
YLWD-20/1	21244	9/7/2016 8:15	F-TEMP	20.1	20.1	1	C
YLWD-5/1	2593	10/2/2013 8:25	F-TEMP	18.8	18.8	1	C
YLWD-5/1	2593	1/8/2014 8:45	F-TEMP	18.7	18.7	1	C
YLWD-5/1	2593	4/2/2014 9:00	F-TEMP	18.8	18.8	1	C
YLWD-5/1	2593	7/9/2014 9:15	F-TEMP	19.5	19.5	1	C
YLWD-5/1	2593	10/8/2014 9:30	F-TEMP	19.2	19.2	1	C
YLWD-5/1	2593	2/19/2015 9:10	F-TEMP	18.8	18.8	1	C
YLWD-5/1	2593	7/8/2015 8:20	F-TEMP	19.1	19.1	1	C
YLWD-5/1	2593	8/17/2015 9:00	F-TEMP	19.1	19.1	1	C
YLWD-5/1	2593	8/17/2015 9:10	F-TEMP	19.4	19.4	1	C
YLWD-5/1	2593	1/14/2016 9:30	F-TEMP	18.5	18.5	1	C
YLWD-5/1	2593	1/14/2016 9:40	F-TEMP	18.7	18.7	1	C
YLWD-5/1	2593	4/13/2016 11:45	F-TEMP	19.2	19.2	1	C
YLWD-5/1	2593	6/15/2016 9:05	F-TEMP	19	19	1	C
YLWD-5/1	2593	6/15/2016 9:05	F-TEMP	19	19	1	C
YLWD-5/1	2593	7/21/2016 9:55	F-TEMP	19.8	19.8	1	C
YLWD-5/1	2593	9/7/2016 9:55	F-TEMP	19.5	19.5	1	C
YLWD-7/1	2597	10/2/2013 8:55	F-TEMP	20.2	20.2	1	C
YLWD-7/1	2597	1/8/2014 8:55	F-TEMP	18.7	18.7	1	C
YLWD-7/1	2597	4/2/2014 8:45	F-TEMP	19.5	19.5	1	C
YLWD-7/1	2597	7/9/2014 9:00	F-TEMP	20.3	20.3	1	C
YLWD-7/1	2597	10/8/2014 9:10	F-TEMP	20.5	20.5	1	C
YLWD-7/1	2597	1/14/2015 8:30	F-TEMP	19	19	1	C
YLWD-7/1	2597	2/19/2015 8:55	F-TEMP	20.1	20.1	1	C
YLWD-7/1	2597	4/1/2015 8:55	F-TEMP	20	20	1	C
YLWD-7/1	2597	7/8/2015 8:50	F-TEMP	20.1	20.1	1	C
YLWD-7/1	2597	10/7/2015 9:05	F-TEMP	20.2	20.2	1	C
YLWD-7/1	2597	1/14/2016 9:00	F-TEMP	18.8	18.8	1	C
YLWD-7/1	2597	3/8/2016 8:10	F-TEMP	19.9	19.9	1	C
YLWD-7/1	2597	4/13/2016 11:25	F-TEMP	20.3	20.3	1	C
YLWD-7/1	2597	6/15/2016 9:20	F-TEMP	19.9	19.9	1	C
YLWD-7/1	2597	6/15/2016 9:20	F-TEMP	19.9	19.9	1	C
YLWD-7/1	2597	7/21/2016 9:45	F-TEMP	21	21	1	C
YLWD-7/1	2597	9/7/2016 9:45	F-TEMP	20.7	20.7	1	C

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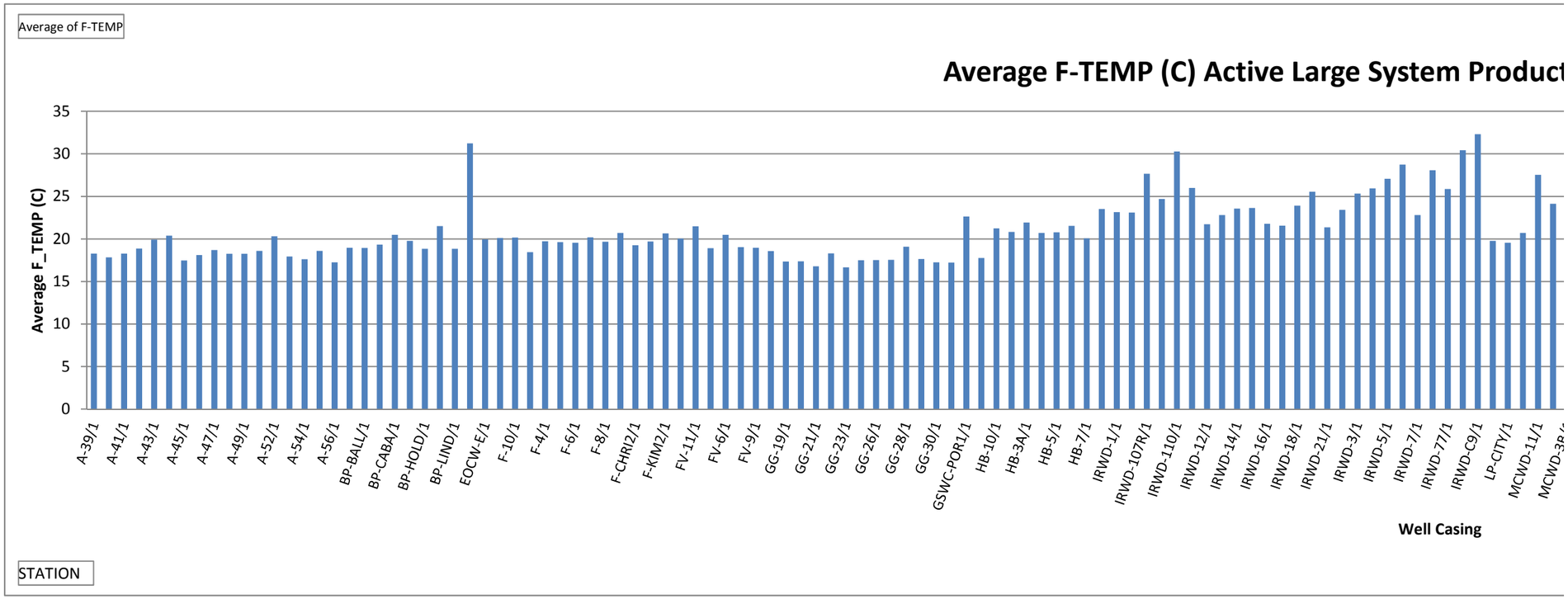
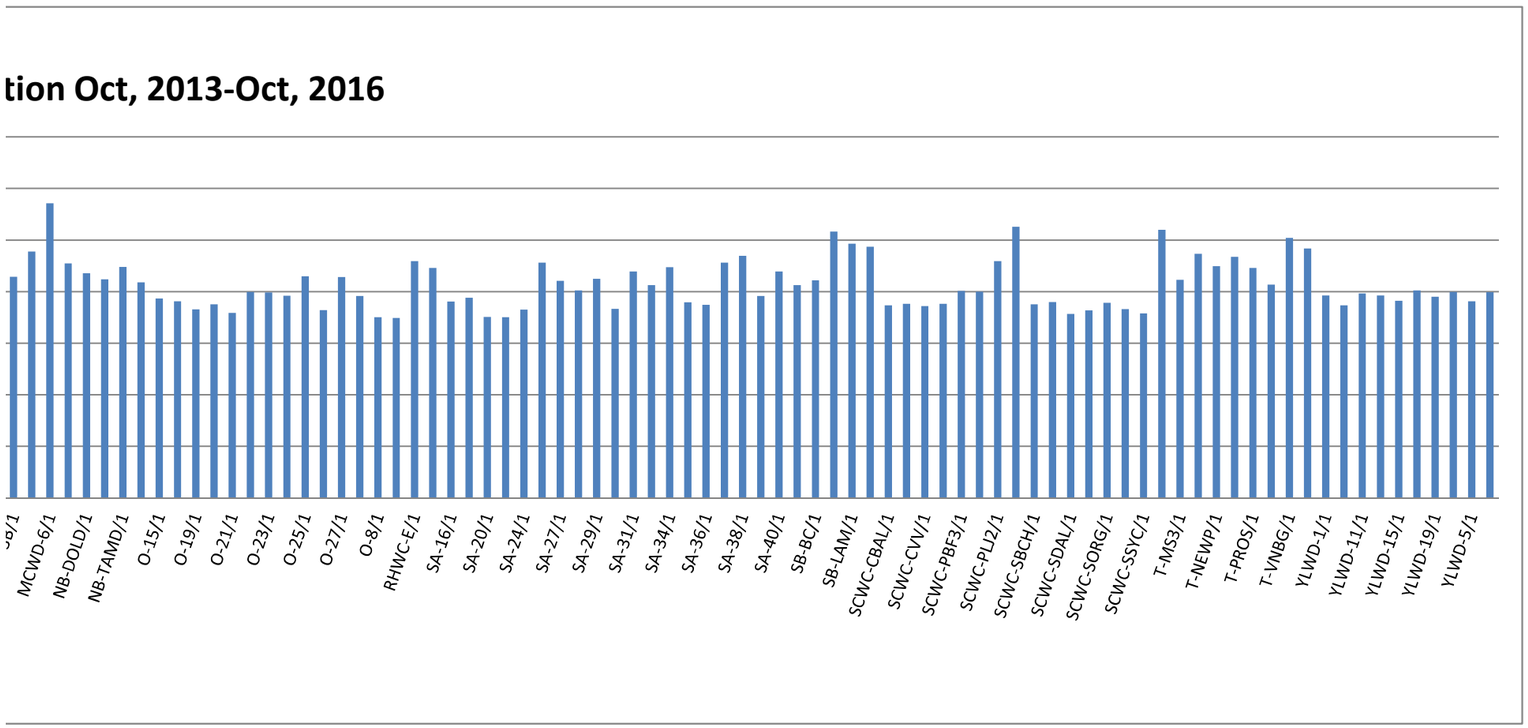
Station	Average of F-TEMP
A-39/1	18.27333333
A-40/1	17.83846154
A-41/1	18.27857143
A-42/1	18.86363636
A-43/1	19.91875
A-44/1	20.39230769
A-45/1	17.45833333
A-46/1	18.1
A-47/1	18.69444444
A-48/1	18.25789474
A-49/1	18.24545455
A-51/1	18.5875
A-52/1	20.31333333
A-53/1	17.92941176
A-54/1	17.61
A-55/1	18.6
A-56/1	17.24
A-58/1	18.95384615
BP-BALL/1	18.93076923
BP-BOIS/1	19.3375
BP-CABA/1	20.4875
BP-FREE/1	19.77142857
BP-HOLD/1	18.84444444
BP-KNOT/1	21.51666667
BP-LIND/1	18.84615385
BP-SM/1	31.24
EOCW-E/1	19.94166667
EOCW-W/1	20.1
F-10/1	20.15384615
F-3A/1	18.44545455
F-4/1	19.71666667
F-5/1	19.625
F-6/1	19.53636364
F-7/1	20.19090909
F-8/1	19.66363636
F-AIRP/1	20.7
F-CHRI2/1	19.25384615
F-KIM1A/1	19.69166667
F-KIM2/1	20.65714286
FV-10/1	20.04375
FV-11/1	21.48
FV-12/1	18.92
FV-6/1	20.47333333
FV-8/1	19.04375
FV-9/1	18.96666667
GG-16/1	18.56



GG-19/1	17.34166667
GG-20/1	17.36
GG-21/1	16.78181818
GG-22/1	18.30909091
GG-23/1	16.65
GG-25/1	17.49090909
GG-26/1	17.51818182
GG-27/1	17.53636364
GG-28/1	19.09333333
GG-29/1	17.64666667
GG-30/1	17.25384615
GG-31/1	17.20833333
GSWC-POR1/1	22.64444444
GSWC-SCL5/1	17.76
HB-10/1	21.24545455
HB-13/1	20.82
HB-3A/1	21.92222222
HB-4/1	20.69411765
HB-5/1	20.77142857
HB-6/1	21.54166667
HB-7/1	20.05294118
HB-9/1	23.52352941
IRWD-1/1	23.16
IRWD-10/1	23.1
IRWD-107R/1	27.66
IRWD-11/1	24.7
IRWD-110/1	30.27333333
IRWD-115R/1	26
IRWD-12/1	21.71666667
IRWD-13/1	22.80625
IRWD-14/1	23.56363636
IRWD-15/1	23.64
IRWD-16/1	21.77142857
IRWD-17/1	21.55238095
IRWD-18/1	23.91111111
IRWD-2/1	25.54166667
IRWD-21/1	21.35833333
IRWD-22/1	23.42
IRWD-3/1	25.325
IRWD-4/1	25.95555556
IRWD-5/1	27.08
IRWD-6/1	28.75
IRWD-7/1	22.8
IRWD-76/1	28.0875
IRWD-77/1	25.86
IRWD-C8/1	30.44
IRWD-C9/1	32.325

IRWD-OPA1/1	19.77
LP-CITY/1	19.54222222
LP-WALK/1	20.71
MCWD-11/1	27.54166667
MCWD-1B/1	24.12142857
MCWD-3B/1	21.425
MCWD-5/1	23.87857143
MCWD-6/1	28.56666667
MCWD-7/1	22.72307692
NB-DOLD/1	21.78181818
NB-DOLS/1	21.19166667
NB-TAMD/1	22.38
NB-TAMS/1	20.89411765
O-15/1	19.32222222
O-18/1	19.06363636
O-19/1	18.275
O-20/1	18.75714286
O-21/1	17.92857143
O-22/1	19.96
O-23/1	19.92666667
O-24/1	19.6
O-25/1	21.48333333
O-26/1	18.19
O-27/1	21.4
O-3/1	19.57692308
O-8/1	17.51818182
O-9/1	17.42857143
RHWC-E/1	22.9625
RHWC-W2/1	22.3
SA-16/1	19.03333333
SA-18/1	19.4
SA-20/1	17.54
SA-21/1	17.52
SA-24/1	18.24
SA-26/1	22.8
SA-27/1	21.05
SA-28/1	20.1
SA-29/1	21.24
SA-30/1	18.325
SA-31/1	21.96
SA-33/1	20.625
SA-34/1	22.35714286
SA-35/1	18.96
SA-36/1	18.725
SA-37/1	22.8125
SA-38/1	23.475
SA-39/1	19.57777778

SA-40/1	21.96
SA-41/1	20.6375
SB-BC/1	21.1
SB-BEV/1	25.83333333
SB-LAM/1	24.65
SB-LEI/1	24.36
SCWC-CBAL/1	18.6625
SCWC-CSC/1	18.8
SCWC-CVV/1	18.6
SCWC-CVV2/1	18.8
SCWC-PBF3/1	20.06153846
SCWC-PBF4/1	19.99090909
SCWC-PLJ2/1	22.95102041
SCWC-PRU/1	26.28125
SCWC-SBCH/1	18.75714286
SCWC-SCL4/1	18.97173913
SCWC-SDAL/1	17.84285714
SCWC-SLON/1	18.17142857
SCWC-SORG/1	18.92222222
SCWC-SSHR/1	18.30909091
SCWC-SSYC/1	17.87333333
T-COLU/1	26
T-MS3/1	21.13125
T-MS4/1	23.67142857
T-NEWP/1	22.46666667
T-PAS/1	23.375
T-PROS/1	22.28235294
T-TUST/1	20.68
T-VNBG/1	25.22
T-WALN/1	24.18
YLWD-1/1	19.6125
YLWD-10/1	18.65384615
YLWD-11/1	19.81428571
YLWD-12/1	19.625
YLWD-15/1	19.1
YLWD-18/1	20.1
YLWD-19/1	19.50769231
YLWD-20/1	19.95714286
YLWD-5/1	19.06875
YLWD-7/1	19.94705882
Grand Total	**20.76904762**


tion Oct, 2013-Oct, 2016
MCWD-6/1
NB-DOLD/1
NB-TAMD/1
O-15/1
O-19/1
O-21/1
O-23/1
O-25/1
O-27/1
O-8/1
RHWC-E/1
SA-16/1
SA-20/1
SA-24/1
SA-27/1
SA-29/1
SA-31/1
SA-34/1
SA-36/1
SA-38/1
SA-40/1
SB-BC/1
SB-LAM/1
SCWC-CBAL/1
SCWC-CVV/1
SCWC-PBF3/1
SCWC-PLJ2/1
SCWC-SBCH/1
SCWC-SDAL/1
SCWC-SORG/1
SCWC-SSYC/1
T-MS3/1
T-NEWP/1
T-PROS/1
T-VNBG/1
YLWD-1/1
YLWD-11/1
YLWD-15/1
YLWD-19/1
YLWD-5/1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-161432-1
Client Project/Site: Specials (Placentia)

For:
Golden State Water Company
1920 W. Corporate Way
Anaheim, California 92801

Attn: Samantha Chen

Authorized for release by:
10/14/2016 6:14:06 PM

Ann Tran, Project Management Assistant I
(949)261-1022
annt.tran@testamericainc.com

Table of Contents

Sample Summary

Client: Golden State Water Company
Project/Site: Specials (Placentia)

TestAmerica Job ID: 440-161432-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-161432-1	Wilson Well 1 (PL-WI-W)	Water	10/11/16 10:04	10/11/16 16:45
440-161432-2	Bradford #3 Well (PL-BR-W3)	Water	10/11/16 08:52	10/11/16 16:45
440-161432-3	Bradford #4 Well (PL-BR-W4)	Water	10/11/16 09:01	10/11/16 16:45

Case Narrative

Client: Golden State Water Company
Project/Site: Specials (Placentia)

TestAmerica Job ID: 440-161432-1

Job ID: 440-161432-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-161432-1

Comments
No additional comments.

Receipt
The samples were received on 10/11/2016 4:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7º C.

GC VOA
Method(s) RSK-175: The following samples were received unpreserved and presented a pH between 5-8. RSK-175 analysis was performed within 7 days per EPA recommendation: Wilson Well 1 (PL-WI-W) (440-161432-1), Bradford #3 Well (PL-BR-W3) (440-161432-2) and Bradford #4 Well (PL-BR-W4) (440-161432-3) .

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample ID: Wilson Well 1 (PL-WI-W)

Lab Sample ID: 440-161432-1

Date Collected: 10/11/16 10:04
Matrix: Water
Date Received: 10/11/16 16:45

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			10/12/16 15:25	1
Ethene	ND		0.0028		mg/L			10/12/16 15:25	1
Methane (TCD)	**6.2**		1.0		mg/L			10/12/16 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	ND		2.0		mg/L			10/13/16 20:53	1
Oxygen, Dissolved	**3.1**	**HF**	1.0		mg/L			10/13/16 12:56	1

Client Sample ID: Bradford #3 Well (PL-BR-W3)

Lab Sample ID: 440-161432-2

Date Collected: 10/11/16 08:52
Matrix: Water
Date Received: 10/11/16 16:45

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			10/12/16 15:39	1
Ethene	ND		0.0028		mg/L			10/12/16 15:39	1
Methane (FID)	ND		0.00099		mg/L			10/12/16 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	**12**		2.0		mg/L			10/13/16 20:53	1
Oxygen, Dissolved	**4.8**	**HF**	1.0		mg/L			10/13/16 12:56	1

Client Sample ID: Bradford #4 Well (PL-BR-W4)

Lab Sample ID: 440-161432-3

Date Collected: 10/11/16 09:01
Matrix: Water
Date Received: 10/11/16 16:45

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			10/12/16 15:54	1
Ethene	ND		0.0028		mg/L			10/12/16 15:54	1
Methane (FID)	ND		0.00099		mg/L			10/12/16 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	**11**		2.0		mg/L			10/13/16 20:53	1
Oxygen, Dissolved	**6.1**	**HF**	1.0		mg/L			10/13/16 12:56	1

Method Summary

Client: Golden State Water Company
Project/Site: Specials (Placentia)

TestAmerica Job ID: 440-161432-1

Method	Method Description	Protocol	Laboratory
RSK-175	Dissolved Gases (GC)	RSK	TAL IRV
SM 4500 CO2 C	Free Carbon Dioxide	SM	TAL IRV
SM 4500 O G	Oxygen, Dissolved	SM	TAL IRV

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Golden State Water Company
Project/Site: Specials (Placentia)

TestAmerica Job ID: 440-161432-1

Client Sample ID: Wilson Well 1 (PL-WI-W)

Lab Sample ID: 440-161432-1
Matrix: Water
Date Collected: 10/11/16 10:04
Date Received: 10/11/16 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	361742	10/12/16 15:25	EI	TAL IRV
Total/NA	Analysis	SM 4500 CO2 C		1	25 mL	25 mL	362239	10/13/16 20:53	SN	TAL IRV
Total/NA	Analysis	SM 4500 O G		1			362104	10/13/16 12:56	KYP	TAL IRV

Client Sample ID: Bradford #3 Well (PL-BR-W3)

Lab Sample ID: 440-161432-2
Matrix: Water
Date Collected: 10/11/16 08:52
Date Received: 10/11/16 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	361742	10/12/16 15:39	EI	TAL IRV
Total/NA	Analysis	SM 4500 CO2 C		1	25 mL	25 mL	362239	10/13/16 20:53	SN	TAL IRV
Total/NA	Analysis	SM 4500 O G		1			362104	10/13/16 12:56	KYP	TAL IRV

Client Sample ID: Bradford #4 Well (PL-BR-W4)

Lab Sample ID: 440-161432-3
Matrix: Water
Date Collected: 10/11/16 09:01
Date Received: 10/11/16 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	361742	10/12/16 15:54	EI	TAL IRV
Total/NA	Analysis	SM 4500 CO2 C		1	25 mL	25 mL	362239	10/13/16 20:53	SN	TAL IRV
Total/NA	Analysis	SM 4500 O G		1			362104	10/13/16 12:56	KYP	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 440-361742/8
Matrix: Water
Analysis Batch: 361742

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			10/12/16 13:29	1
Ethene	ND		0.0028		mg/L			10/12/16 13:29	1
Methane (FID)	ND		0.00099		mg/L			10/12/16 13:29	1
Methane (TCD)	ND		1.0		mg/L			10/12/16 13:29	1

Lab Sample ID: LCS 440-361742/4
Matrix: Water
Analysis Batch: 361742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane (TCD)	4.19	3.72		mg/L		89	80 - 120

Lab Sample ID: LCS 440-361742/6
Matrix: Water
Analysis Batch: 361742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethane	0.157	0.157		mg/L		100	80 - 120
Ethene	0.147	0.145		mg/L		99	80 - 120
Methane (FID)	0.0839	0.0825		mg/L		98	80 - 120

Lab Sample ID: LCSD 440-361742/5
Matrix: Water
Analysis Batch: 361742

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methane (TCD)	4.19	3.64		mg/L		87	80 - 120	2	20

Lab Sample ID: LCSD 440-361742/7
Matrix: Water
Analysis Batch: 361742

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane	0.157	0.158		mg/L		101	80 - 120	1	20
Ethene	0.147	0.147		mg/L		100	80 - 120	1	20
Methane (FID)	0.0839	0.0829		mg/L		99	80 - 120	0	20

Method: SM 4500 CO2 C - Free Carbon Dioxide

Lab Sample ID: MB 440-362239/1
Matrix: Water
Analysis Batch: 362239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	ND		2.0		mg/L			10/13/16 20:53	1

Method: SM 4500 CO2 C - Free Carbon Dioxide (Continued)

Lab Sample ID: 440-161432-2 DU
Matrix: Water
Analysis Batch: 362239

Client Sample ID: Bradford #3 Well (PL-BR-W3)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbon Dioxide, Free	12			12.3		mg/L				0	20

Method: SM 4500 O G - Oxygen, Dissolved

Lab Sample ID: 440-161639-E-1 DU
Matrix: Water
Analysis Batch: 362104

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Oxygen, Dissolved	4.6			4.42		mg/L				4	20

QC Association Summary

Client: Golden State Water Company
Project/Site: Specials (Placentia)

TestAmerica Job ID: 440-161432-1

GC VOA

Analysis Batch: 361742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-161432-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	RSK-175	
440-161432-2	Bradford #3 Well (PL-BR-W3)	Total/NA	Water	RSK-175	
440-161432-3	Bradford #4 Well (PL-BR-W4)	Total/NA	Water	RSK-175	
MB 440-361742/8	Method Blank	Total/NA	Water	RSK-175	
LCS 440-361742/4	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 440-361742/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 440-361742/5	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 440-361742/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

General Chemistry

Analysis Batch: 362104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-161432-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	SM 4500 O G	
440-161432-2	Bradford #3 Well (PL-BR-W3)	Total/NA	Water	SM 4500 O G	
440-161432-3	Bradford #4 Well (PL-BR-W4)	Total/NA	Water	SM 4500 O G	
440-161639-E-1 DU	Duplicate	Total/NA	Water	SM 4500 O G	

Analysis Batch: 362239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-161432-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	SM 4500 CO2 C	
440-161432-2	Bradford #3 Well (PL-BR-W3)	Total/NA	Water	SM 4500 CO2 C	
440-161432-3	Bradford #4 Well (PL-BR-W4)	Total/NA	Water	SM 4500 CO2 C	
MB 440-362239/1	Method Blank	Total/NA	Water	SM 4500 CO2 C	
440-161432-2 DU	Bradford #3 Well (PL-BR-W3)	Total/NA	Water	SM 4500 CO2 C	

Definitions/Glossary

Client: Golden State Water Company
Project/Site: Specials (Placentia)

TestAmerica Job ID: 440-161432-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Golden State Water Company
Project/Site: Specials (Placentia)

TestAmerica Job ID: 440-161432-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-17
Arizona	State Program	9	AZ0671	10-13-16 *
California	LA Cty Sanitation Districts	9	10256	01-31-17 *
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 16-001r	01-23-17
Hawaii	State Program	9	N/A	01-29-17
Kansas	NELAP Secondary AB	7	E-10420	07-31-17
Nevada	State Program	9	CA015312016-2	07-31-17 *
New Mexico	State Program	6	N/A	01-29-17
Northern Mariana Islands	State Program	9	MP0002	01-29-17
Oregon	NELAP	10	4028	01-29-17
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-17

* Certification renewal pending - certification considered valid.

CHAIN OF CUSTODY

pg ____ of ____

Golden State Water Company

SYSTEM: Placentia (3010035)

WT CLIENT #: 8035

PROJECT: Specials

SAMPLE DATE: 10/11/16

Client: Golden State Water Company
Address: 1920 W. Corporate Way, Anaheim, CA 92801
Contact: Samantha Chen **Phone#:** (714) 399-1772
Fax: (714) 535-8664 **Cell#:** (714) 287-3444

Lab: TestAmerica, Irvine
Contact: Urvashi Patel **Phone#:** (949) 261-1022
ELAPS: 1169 **Cell#:**

Sampler's Name: ■ Jose Rivera ☐ Other

Weather Conditions: ☒ Cool ☒ Cold ☐ Clear ☒ Calm ☐ Warm ☒ Cloudy ☐ Windy ☐ Hot ☐ Rain ☐ Gale

FOR DISTRICT USE

Sample Type: ☐ Routine ☐ Repeat ☐ Replacement ■ Other

Sample Medium: ☐ PW - Distribution ■ PW - Source ☐ Sludge ☐ Discharge

Sample Identification	3 Digit PS Code	Sample No.	WTX No.	Field Measurements: Total Cl_2	Free Cl_2	pH	Temp °F		Time (24hr)	Analysis: Analyte(s)/Method: Dissolved CO2 RSK 175_CO	Dissolved Oxygen SM4500-O,G	Dissolved Gasses RSK-175	Bottle Type, Preservative, and Quantity: 500 mL Poly Unpreserved	40 mL VOA Vial Unpreserved	40 mL VOA Vial HCL
Wilson			PL-WI-W						10:04	X	X	X	1	2	3
Bradford #3 Well			PL-BR-W3						8:52	X	X	X	1	2	3
Bradford #4 Well			PL-BR-W4						9:01	X	X	X	1	2	3

Page 13 of 14

10/11/16 90 18:40

440-161432 Chain of Custody

COMMENTS/SPECIAL INSTRUCTIONS:

# of Containers Used/Received By:

Sampler	Courier	Lab
18 of 18	of 18	of 18

Turnaround: ☐ Std. ☐ 24HR ☐ 48HR ■ 72HR ☐ 5DAY

EDT: ☐ Y ■ N

Disposal: ■ Dispose ☐ Hold ☐ Return

Chain Of Custody Receipt

Relinquished by (signature):	Print Name & Company	Date/Time:	Received by (signature):	Print Name & Company
	TAMAKA / Jose Rivera GSWC	10/11/16 / 15:30		TAMAKA TUTANA/GSWC
10/14/2016	TAMAKA TUTANA/GSWC	10/11/16 1530		Jon Boeer TAI
	Jon Boeer TAI	10/11/16 1645	Olga Oimetas	TAI

4.40/3.70 If 77

V1.1 9/25/2014

Login Sample Receipt Checklist

Client: Golden State Water Company

Job Number: 440-161432-1

Login Number: 161432
List Number: 1
Creator: Soderblom, Tim

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-160784-1
Client Project/Site: Wilson Well Project (Placentia)

For:
Golden State Water Company
1920 W. Corporate Way
Anaheim, California 92801

Attn: Samantha Chen

Ann Tran

Authorized for release by:
10/10/2016 3:14:23 PM

Ann Tran, Project Management Assistant I
(949)261-1022
annt.tran@testamericainc.com

LINKS

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Table of Contents

Sample Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160784-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-160784-1	Wilson Well 1 (PL-WI-W)	Water	10/05/16 09:30	10/05/16 16:35

Job ID: 440-160784-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-160784-1

Comments
No additional comments.

Receipt
The sample was received on 10/5/2016 4:35 PM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 4.6º C.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160784-1

Client Sample ID: Wilson Well 1 (PL-WI-W)
Date Collected: 10/05/16 09:30
Date Received: 10/05/16 16:35

Lab Sample ID: 440-160784-1
Matrix: Water

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			10/07/16 13:14	1
Ethene	ND		0.0028		mg/L			10/07/16 13:14	1
Methane (TCD)	**9.2**		1.0		mg/L			10/07/16 13:14	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	ND		2.0		mg/L			10/06/16 18:56	1
Oxygen, Dissolved	**5.3**	**HF**	1.0		mg/L			10/10/16 09:55	1

Method Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160784-1

Method	Method Description	Protocol	Laboratory
RSK-175	Dissolved Gases (GC)	RSK	TAL IRV
SM 4500 CO2 C	Free Carbon Dioxide	SM	TAL IRV
SM 4500 O G	Oxygen, Dissolved	SM	TAL IRV

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160784-1

Client Sample ID: Wilson Well 1 (PL-WI-W)
Date Collected: 10/05/16 09:30
Date Received: 10/05/16 16:35

Lab Sample ID: 440-160784-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	360801	10/07/16 13:14	EI	TAL IRV
Total/NA	Analysis	SM 4500 CO2 C		1	25 mL	25 mL	360664	10/06/16 18:56	SN	TAL IRV
Total/NA	Analysis	SM 4500 O G		1			361173	10/10/16 09:55	KYP	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 440-360801/8
Matrix: Water
Analysis Batch: 360801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			10/07/16 12:44	1
Ethene	ND		0.0028		mg/L			10/07/16 12:44	1
Methane (FID)	ND		0.00099		mg/L			10/07/16 12:44	1
Methane (TCD)	ND		1.0		mg/L			10/07/16 12:44	1

Lab Sample ID: LCS 440-360801/4
Matrix: Water
Analysis Batch: 360801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane (TCD)	4.19	3.48		mg/L		83	80 - 120

Lab Sample ID: LCS 440-360801/6
Matrix: Water
Analysis Batch: 360801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethane	0.157	0.151		mg/L		96	80 - 120
Ethene	0.147	0.141		mg/L		96	80 - 120
Methane (FID)	0.0839	0.0796		mg/L		95	80 - 120

Lab Sample ID: LCSD 440-360801/5
Matrix: Water
Analysis Batch: 360801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methane (TCD)	4.19	3.50		mg/L		83	80 - 120	1	20

Lab Sample ID: LCSD 440-360801/7
Matrix: Water
Analysis Batch: 360801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane	0.157	0.149		mg/L		95	80 - 120	2	20
Ethene	0.147	0.139		mg/L		95	80 - 120	2	20
Methane (FID)	0.0839	0.0782		mg/L		93	80 - 120	2	20

Method: SM 4500 CO2 C - Free Carbon Dioxide

Lab Sample ID: MB 440-360664/1
Matrix: Water
Analysis Batch: 360664

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	ND		2.0		mg/L			10/06/16 18:56	1

Method: SM 4500 CO2 C - Free Carbon Dioxide (Continued)

Lab Sample ID: 440-160403-L-2 DU
Matrix: Water
Analysis Batch: 360664

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbon Dioxide, Free	49			49.3		mg/L				0	20

Method: SM 4500 O G - Oxygen, Dissolved

Lab Sample ID: 440-160962-B-2 DU
Matrix: Water
Analysis Batch: 361173

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Oxygen, Dissolved	7.7			7.75		mg/L				1	20

QC Association Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160784-1

GC VOA

Analysis Batch: 360801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-160784-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	RSK-175	
MB 440-360801/8	Method Blank	Total/NA	Water	RSK-175	
LCS 440-360801/4	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 440-360801/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 440-360801/5	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 440-360801/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

General Chemistry

Analysis Batch: 360664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-160784-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	SM 4500 CO2 C	
MB 440-360664/1	Method Blank	Total/NA	Water	SM 4500 CO2 C	
440-160403-L-2 DU	Duplicate	Total/NA	Water	SM 4500 CO2 C	

Analysis Batch: 361173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-160784-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	SM 4500 O G	
440-160962-B-2 DU	Duplicate	Total/NA	Water	SM 4500 O G	

Definitions/Glossary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160784-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160784-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-17
Arizona	State Program	9	AZ0671	10-13-16 *
California	LA Cty Sanitation Districts	9	10256	01-31-17 *
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 16-001r	01-23-17
Hawaii	State Program	9	N/A	01-29-17
Kansas	NELAP Secondary AB	7	E-10420	07-31-17
Nevada	State Program	9	CA015312016-2	07-31-17 *
New Mexico	State Program	6	N/A	01-29-17
Northern Mariana Islands	State Program	9	MP0002	01-29-17
Oregon	NELAP	10	4028	01-29-17
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-17

* Certification renewal pending - certification considered valid.

CHAIN OF CUSTODY

pg ___ of ___

Golden State Water Company

SYSTEM: Placentia (3010035)

WT CLIENT #: 8035

PROJECT: Wilson Well 1

SAMPLE DATE: 10/5/2016

Client: Golden State Water Company
Address: 1920 W. Corporate Way, Anaheim, CA 92801
Contact: Samantha Chen **Phone#:** (714) 399-1772
Fax: (714) 535-8664 **Cell#:** (714) 287-3444

Lab: TestAmerica, Irvine
Contact: Urvashi Patel **Phone#:** (949) 261-1022
ELAPS: 1169 **Cell#:**

Sampler's Name:
☐ Example Name ☐ Example Name ☐ Example Name
☐ Example Name ☐ Example Name ☐ Example Name
☐ Example Name ☐ Example Name ☐ Example Name
☐ Other

Weather Conditions: ☐ Cold ☐ Clear ☐ Calm ☐ Warm ☐ Cloudy ☐ Windy ☐ Hot ☐ Rain ☐ Gale

FOR DISTRICT USE

Sample Type: ☐ Routine ☐ Repeat ☐ Replacement ☐ Other

Sample Medium: ☐ PW - Distribution ☐ PW - Source ☐ Sludge ■ Discharge

Sample Identification	3 Digit PS Code	Sample No.	WTX No.	Field Measurements: Total Cl_2	Free Cl_2	pH	Temp °F		Time (24hr)	Analysis: Analyte(s)/Method: Dissolved CO2 RSK 175_CO	Dissolved Oxygen SM4500-O,G	Dissolved Gasses RSK-175	Bottle Type, Preservative, and Quantity: 500 mL Poly Unpreserved	40 mL VOA Vial Unpreserved	40 mL VOA Vial Unpreserved	
Wilson Well 1		PL-WI-W							0930	X	X	X	1	2	3	

10/5/16

Page 13 of 14

440-160784 Chain of Custody

COMMENTS/SPECIAL INSTRUCTIONS:

# of Containers Used/Received By: Sampler of 6 | Courier of 6 | Lab of 6

Turnaround: ☐ Std. ☐ 24HR ☐ 48HR ■ 72HR ☐ 5DAY

EDT: ☐ Y ☐ N

Disposal: ☐ Dispose ☐ Hold ☐ Return

Chain Of Custody Receipt

Relinquished by (signature):	Print Name & Company	Date/Time:	Received by (signature):	Print Name & Company
	GSWC Samantha Chen	10/5/16 16:00		F Reyes B.T
	F Reyes B.T	10/5/16 16:35		Alma S.

10/10/2016

Trm 5.3/4.6°C IR-7

V1.1 9/25/2014

Login Sample Receipt Checklist

Client: Golden State Water Company

Job Number: 440-160784-1

Login Number: 160784
List Number: 1
Creator: Skinner, Alma D

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-159270-1
Client Project/Site: Wilson Well Project (Placentia)

For:
Golden State Water Company
1920 W. Corporate Way
Anaheim, California 92801

Attn: Samantha Chen

Ann Tran

Authorized for release by:
9/23/2016 5:03:57 PM

Ann Tran, Project Management Assistant I
(949)261-1022
annt.tran@testamericainc.com

Table of Contents

Sample Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-159270-1	Wilson Well 1 (PL-WI-W)	Water	09/20/16 12:45	09/21/16 17:30

Case Narrative

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

Job ID: 440-159270-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-159270-1

Comments
No additional comments.

Receipt
The sample was received on 9/21/2016 5:30 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1º C.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

Client Sample ID: Wilson Well 1 (PL-WI-W)
Date Collected: 09/20/16 12:45
Date Received: 09/21/16 17:30

Lab Sample ID: 440-159270-1
Matrix: Water

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			09/22/16 21:32	1
Ethene	ND		0.0028		mg/L			09/22/16 21:32	1
Methane (TCD)	**9.6**		1.0		mg/L			09/22/16 21:32	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	ND		2.0		mg/L			09/22/16 19:53	1
Oxygen, Dissolved	**4.6**	**HF**	1.0		mg/L			09/23/16 15:03	1

Method Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

Method	Method Description	Protocol	Laboratory
RSK-175	Dissolved Gases (GC)	RSK	TAL IRV
SM 4500 CO2 C	Free Carbon Dioxide	SM	TAL IRV
SM 4500 O G	Oxygen, Dissolved	SM	TAL IRV

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

Client Sample ID: Wilson Well 1 (PL-WI-W)
Date Collected: 09/20/16 12:45
Date Received: 09/21/16 17:30

Lab Sample ID: 440-159270-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	357340	09/22/16 21:32	EI	TAL IRV
Total/NA	Analysis	SM 4500 CO2 C		1	25 mL	25 mL	357538	09/22/16 19:53	SN	TAL IRV
Total/NA	Analysis	SM 4500 O G		1			357758	09/23/16 15:03	KYP	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 440-357340/8
Matrix: Water
Analysis Batch: 357340

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			09/22/16 20:59	1
Ethene	ND		0.0028		mg/L			09/22/16 20:59	1
Methane (FID)	ND		0.00099		mg/L			09/22/16 20:59	1
Methane (TCD)	ND		1.0		mg/L			09/22/16 20:59	1

Lab Sample ID: LCS 440-357340/4
Matrix: Water
Analysis Batch: 357340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane (TCD)	4.19	4.02		mg/L		96	80 - 120

Lab Sample ID: LCS 440-357340/6
Matrix: Water
Analysis Batch: 357340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethane	0.157	0.162		mg/L		103	80 - 120
Ethene	0.147	0.156		mg/L		107	80 - 120
Methane (FID)	0.0839	0.0844		mg/L		101	80 - 120

Lab Sample ID: LCSD 440-357340/5
Matrix: Water
Analysis Batch: 357340

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methane (TCD)	4.19	3.77		mg/L		90	80 - 120	6	20

Lab Sample ID: LCSD 440-357340/7
Matrix: Water
Analysis Batch: 357340

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane	0.157	0.157		mg/L		100	80 - 120	3	20
Ethene	0.147	0.153		mg/L		104	80 - 120	2	20
Methane (FID)	0.0839	0.0823		mg/L		98	80 - 120	3	20

Method: SM 4500 CO2 C - Free Carbon Dioxide

Lab Sample ID: MB 440-357538/1
Matrix: Water
Analysis Batch: 357538

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	ND		2.0		mg/L			09/22/16 19:53	1

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

Method: SM 4500 CO2 C - Free Carbon Dioxide (Continued)

Lab Sample ID: 440-159270-1 DU
Matrix: Water
Analysis Batch: 357538

Client Sample ID: Wilson Well 1 (PL-WI-W)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbon Dioxide, Free	ND			ND		mg/L				NC	20

Method: SM 4500 O G - Oxygen, Dissolved

Lab Sample ID: 440-159342-A-2 DU
Matrix: Water
Analysis Batch: 357758

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Oxygen, Dissolved	7.8			7.98		mg/L				3	20

QC Association Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

GC VOA

Analysis Batch: 357340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-159270-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	RSK-175	
MB 440-357340/8	Method Blank	Total/NA	Water	RSK-175	
LCS 440-357340/4	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 440-357340/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 440-357340/5	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 440-357340/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

General Chemistry

Analysis Batch: 357538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-159270-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	SM 4500 CO2 C	
MB 440-357538/1	Method Blank	Total/NA	Water	SM 4500 CO2 C	
440-159270-1 DU	Wilson Well 1 (PL-WI-W)	Total/NA	Water	SM 4500 CO2 C	

Analysis Batch: 357758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-159270-1	Wilson Well 1 (PL-WI-W)	Total/NA	Water	SM 4500 O G	
440-159342-A-2 DU	Duplicate	Total/NA	Water	SM 4500 O G	

Definitions/Glossary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-159270-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-17
Arizona	State Program	9	AZ0671	10-13-16 *
California	LA Cty Sanitation Districts	9	10256	01-31-17 *
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 12.002r	01-23-17
Hawaii	State Program	9	N/A	01-29-17
Kansas	NELAP Secondary AB	7	E-10420	07-31-17
Nevada	State Program	9	CA015312016-2	07-31-17 *
New Mexico	State Program	6	N/A	01-29-17
Northern Mariana Islands	State Program	9	MP0002	01-29-17
Oregon	NELAP	10	4028	01-29-17
USDA	Federal		P330-09-00080	07-08-18
Washington	State Program	10	C900	09-03-17

* Certification renewal pending - certification considered valid.

CHAIN OF CUSTODY

pg ____ of ____

Golden State Water Company

SYSTEM: Placentia (3010035)
WT CLIENT #: 8035
PROJECT: Wilson Well 1
SAMPLE DATE: 9/21/16

Client: Golden State Water Company
Address: 1920 W. Corporate Way, Anaheim, CA 92801
Contact: Samantha Chen **Phone#:** (714) 399-1772
Fax: (714) 535-8664 **Cell#:** (714) 287-3444
Lab: TestAmerica, Irvine
Contact: Urvashi Patel **Phone#:** (949) 261-1022
ELAPS: 1169 **Cell#:**

Sampler's Name:
☐ Example Name ☐ Example Name ☐ Example Name
☐ Example Name ☐ Example Name ☐ Example Name
☐ Example Name ☐ Example Name ☐ Example Name
☐ Other ________

Weather Conditions: ☐ ________ ☐ ________ ☐ Cold ☐ Warm ☐ Hot ☐ Clear ☐ Cloudy ☐ Rain ☐ Calm ☐ Windy ☐ Gale

FOR DISTRICT USE

Sample Type: ☐ Routine ☐ Repeat ☐ Replacement ☐ Other

Sample Medium: ☐ PW - Distribution ☐ PW - Source ☐ Sludge ■ Discharge

Analysis: Analyte(s)/Method

Bottle Type, Preservative, and Quantity

Sample Identification	3 Digit PS Code	Sample No.	WTX No.	Total Cl_2	Free Cl_2	pH	Temp °F		Time (24hr)	Dissolved CO2 RSK 175_CO	Dissolved Oxygen SM4500-O,G	Dissolved Gasses RSK-175							500 mL Poly Unpreserved	40 mL VOA Vial Unpreserved	40 mL VOA Vial Unpreserved		
Wilson Well 1		PL-WI-W		—	—	8.73	84.56		1260	X	X	X							1	2	3		

COMMENTS/SPECIAL INSTRUCTIONS:

# of Containers Used/Received By: Sampler ___ of 6 Courier ___ of 6 Lab ___ of 6

Turnaround: ☐ Std ☒ 24HR ☐ 48HR ■ 72HR ☐ 5DAY

EDT: ☐ Y ☐ N

Disposal: ☐ Dispose ☐ Hold ☐ Return

Chain Of Custody Receipt

Relinquished by (signature):	Print Name & Company	Date/Time:	Received by (signature):	Print Name & Company
[signature]	Samantha Chen / GSWC	9/21/16 / 1335 1620 SC	[signature]	Jon/Burke TAI

V1.1 9/25/2014

9/23/2016

CHAIN OF CUSTODY

pg ____ of ____

Golden State Water Company

SYSTEM: Placentia (3010035)
WT CLIENT #: 8035

PROJECT: Wilson Well 1

SAMPLE DATE: 9/21/16

Client: Golden State Water Company
Address: 1920 W. Corporate Way, Anaheim, CA 92801
Contact: Samantha Chen **Phone#:** (714) 399-1772
Fax: (714) 535-8664 **Cell#:** (714) 287-3444

Lab: TestAmerica, Irvine
Contact: Urvashi Patel **Phone#:** (949) 261-1022
ELAPS: 1169 **Cell#:**

Sampler's Name:
☐ Example Name ☐ Example Name ☐ Example Name
☐ Example Name ☐ Example Name ☐ Example Name
☐ Example Name ☐ Example Name ☐ Example Name
☐ Other ______

Weather Conditions: ☐ ______ ☐ ______ ☐ Cold ☐ Warm ☐ Hot ☐ Clear ☐ Cloudy ☐ Rain ☐ Calm ☐ Windy ☐ Gale

FOR DISTRICT USE

Sample Type: ☐ Routine ☐ Repeat ☐ Replacement ☐ Other

Sample Medium: ☐ PW - Distribution ☐ PW - Source ☐ Sludge ■ Discharge

Sample Identification	3 Digit PS Code	Sample No.	WTX No.	Total Cl_2	Free Cl_2	pH	Temp °F		Time (24hr)	Dissolved CO2 RSK 175_CO	Dissolved Oxygen SM4500-O,G	Dissolved Gasses RSK-175							500 mL Poly Unpreserved	40 mL VOA Vial Unpreserved	40 mL VOA Vial Unpreserved		
Wilson Well 1				—	—	8.73	84.56		1260	X	X	X							1	2	3		

Field Measurements / *Analysis*: Analyte(s)/Method / Bottle Type, Preservative, and Quantity

440-159270 Chain of Custody

COMMENTS/SPECIAL INSTRUCTIONS:

# of Containers Used/Received By: Sampler __ of 6; Courier __ of 6; Lab __ of 6

Turnaround: ☐ Std ☒ 24HR ☐ 48HR ☒ 72HR ☐ 5DAY

EDT: ☐ Y ☐ N

Disposal: ☐ Dispose ☐ Hold ☐ Return

Chain Of Custody Receipt

Relinquished by (signature):	Print Name & Company	Date/Time:	Received by (signature):	Print Name & Company
[signature]	Samantha Chen / GSWC	9/21/16 / 1335 1620 SC	[signature]	Jon Power TAI
[signature]	Jon Power TAI	9/21/16 1730	[signature]	Tonny Chavez TAI

2.7°/2.1° IT 74

V1.1 9.25.2014

Login Sample Receipt Checklist

Client: Golden State Water Company

Job Number: 440-159270-1

Login Number: 159270
List Number: 1
Creator: Garcia, Veronica G

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-160005-1
Client Project/Site: Wilson Well Project (Placentia)

For:
Golden State Water Company
1920 W. Corporate Way
Anaheim, California 92801

Attn: Samantha Chen

Ann Tran

Authorized for release by:
9/30/2016 4:05:31 PM

Ann Tran, Project Management Assistant I
(949)261-1022
annt.tran@testamericainc.com

Table of Contents

Sample Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-160005-1	Wilson Well (PL-WI-W)	Water	09/28/16 09:30	09/28/16 17:20

Case Narrative

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

Job ID: 440-160005-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-160005-1

Comments
No additional comments.

Receipt
The sample was received on 9/28/2016 5:20 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2º C.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Field Service / Mobile Lab
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

Client Sample ID: Wilson Well (PL-WI-W)

Lab Sample ID: 440-160005-1

Date Collected: 09/28/16 09:30

Matrix: Water

Date Received: 09/28/16 17:20

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			09/30/16 14:00	1
Ethene	ND		0.0028		mg/L			09/30/16 14:00	1
Methane (TCD)	**9.4**		1.0		mg/L			09/30/16 14:00	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	ND		2.0		mg/L			09/29/16 23:14	1
Oxygen, Dissolved	**4.3**	**HF**	1.0		mg/L			09/30/16 13:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Temperature	**84.46**				Fahrenheit			09/28/16 09:30	1
Field pH	**8.68**				SU			09/28/16 09:30	1

Method Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

Method	Method Description	Protocol	Laboratory
RSK-175	Dissolved Gases (GC)	RSK	TAL IRV
SM 4500 CO2 C	Free Carbon Dioxide	SM	TAL IRV
SM 4500 O G	Oxygen, Dissolved	SM	TAL IRV
Field Sampling	Field Sampling	EPA	TAL IRV

Protocol References:

EPA = US Environmental Protection Agency

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

Client Sample ID: Wilson Well (PL-WI-W)
Date Collected: 09/28/16 09:30
Date Received: 09/28/16 17:20

Lab Sample ID: 440-160005-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	RSK-175		1	300 uL	300 uL	359268	09/30/16 14:00	EI	TAL IRV
Total/NA	Analysis	SM 4500 CO2 C		1	25 mL	25 mL	359188	09/29/16 23:14	SN	TAL IRV
Total/NA	Analysis	SM 4500 O G		1			359344	09/30/16 13:41	KYP	TAL IRV
Total/NA	Analysis	Field Sampling		1			359180	09/28/16 09:30	PS	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 440-359268/8
Matrix: Water
Analysis Batch: 359268

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		0.0020		mg/L			09/30/16 12:35	1
Ethene	ND		0.0028		mg/L			09/30/16 12:35	1
Methane (FID)	ND		0.00099		mg/L			09/30/16 12:35	1
Methane (TCD)	ND		1.0		mg/L			09/30/16 12:35	1

Lab Sample ID: LCS 440-359268/4
Matrix: Water
Analysis Batch: 359268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane (TCD)	4.19	3.92		mg/L		93	80 - 120

Lab Sample ID: LCS 440-359268/6
Matrix: Water
Analysis Batch: 359268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethane	0.157	0.171		mg/L		109	80 - 120
Ethene	0.147	0.167		mg/L		114	80 - 120
Methane (FID)	0.0839	0.0881		mg/L		105	80 - 120

Lab Sample ID: LCSD 440-359268/5
Matrix: Water
Analysis Batch: 359268

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methane (TCD)	4.19	3.74		mg/L		89	80 - 120	5	20

Lab Sample ID: LCSD 440-359268/7
Matrix: Water
Analysis Batch: 359268

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethane	0.157	0.177		mg/L		113	80 - 120	4	20
Ethene	0.147	0.175		mg/L		119	80 - 120	5	20
Methane (FID)	0.0839	0.0906		mg/L		108	80 - 120	3	20

Method: SM 4500 CO2 C - Free Carbon Dioxide

Lab Sample ID: MB 440-359188/1
Matrix: Water
Analysis Batch: 359188

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Dioxide, Free	ND		2.0		mg/L			09/29/16 23:14	1

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

Method: SM 4500 CO2 C - Free Carbon Dioxide (Continued)

Lab Sample ID: 440-159422-L-1 DU
Matrix: Water
Analysis Batch: 359188

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbon Dioxide, Free	130			134		mg/L				1	20

Method: SM 4500 O G - Oxygen, Dissolved

Lab Sample ID: 440-160005-1 DU
Matrix: Water
Analysis Batch: 359344

Client Sample ID: Wilson Well (PL-WI-W)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Oxygen, Dissolved	4.3	HF		4.12		mg/L				3	20

QC Association Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

GC VOA

Analysis Batch: 359268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-160005-1	Wilson Well (PL-WI-W)	Total/NA	Water	RSK-175	
MB 440-359268/8	Method Blank	Total/NA	Water	RSK-175	
LCS 440-359268/4	Lab Control Sample	Total/NA	Water	RSK-175	
LCS 440-359268/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 440-359268/5	Lab Control Sample Dup	Total/NA	Water	RSK-175	
LCSD 440-359268/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

General Chemistry

Analysis Batch: 359188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-160005-1	Wilson Well (PL-WI-W)	Total/NA	Water	SM 4500 CO2 C	
MB 440-359188/1	Method Blank	Total/NA	Water	SM 4500 CO2 C	
440-159422-L-1 DU	Duplicate	Total/NA	Water	SM 4500 CO2 C	

Analysis Batch: 359344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-160005-1	Wilson Well (PL-WI-W)	Total/NA	Water	SM 4500 O G	
440-160005-1 DU	Wilson Well (PL-WI-W)	Total/NA	Water	SM 4500 O G	

Field Service / Mobile Lab

Analysis Batch: 359180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-160005-1	Wilson Well (PL-WI-W)	Total/NA	Water	Field Sampling	

Definitions/Glossary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Golden State Water Company
Project/Site: Wilson Well Project (Placentia)

TestAmerica Job ID: 440-160005-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-17
Arizona	State Program	9	AZ0671	10-13-16 *
California	LA Cty Sanitation Districts	9	10256	01-31-17 *
California	State Program	9	CA ELAP 2706	06-30-18
Guam	State Program	9	Cert. No. 16-001r	01-23-17
Hawaii	State Program	9	N/A	01-29-17
Kansas	NELAP Secondary AB	7	E-10420	07-31-17
Nevada	State Program	9	CA015312016-2	07-31-17 *
New Mexico	State Program	6	N/A	01-29-17
Northern Mariana Islands	State Program	9	MP0002	01-29-17
Oregon	NELAP	10	4028	01-29-17
USDA	Federal		P330-15-00184	07-08-18
Washington	State Program	10	C900	09-03-17

* Certification renewal pending - certification considered valid.

CHAIN OF CUSTODY

Golden State Water Company

SYSTEM: Placentia (3010035)

WT CLIENT #: 8035

PROJECT: Wilson Well 1

SAMPLE DATE: 09/28/16

Client: Golden State Water Company
Address: 1920 W. Corporate Way, Anaheim, CA 92801
Contact: Samantha Chen **Phone#:** (714) 399-1772
Fax: (714) 535-8664 **Cell#:** (714) 287-3444

Lab: TestAmerica, Irvine
Contact: Urvashi Patel **Phone#:** (949) 261-1022
ELAPS: 1169 **Cell#:**

Sampler's Name:
☐ Example Name ☐ Example Name ☐ Example Name
☐ Example Name ☐ Example Name ☐ Example Name
☐ Example Name ☐ Example Name ☐ Example Name
☐ Other ______

Weather Conditions: ☐ ______ ☐ ______ ☐ Cold ☐ Warm ☐ Hot ☐ Clear ☐ Cloudy ☐ Rain ☐ Calm ☐ Windy ☐ Gale

FOR DISTRICT USE

Sample Type: ☐ Routine ☐ Repeat ☐ Replacement ☐ Other

Sample Medium: ☐ PW - Distribution ☐ PW - Source ☐ Sludge ■ Discharge

Analysis: Analyte(s)/Method — Bottle Type, Preservative, and Quantity

Sample Identification	3 Digit PS Code	Sample No.	WTX No.	Total Cl_2	Free Cl_2	pH	Temp °F		Time (24hr)	Dissolved CO2 RSK 175_CO	Dissolved Oxygen SM4500-O,G	Dissolved Gasses RSK-175							500 mL Poly Unpreserved	40 mL VOA Vial Unpreserved	40 mL VOA Vial Unpreserved		
Wilson Well 1		PL-WI-W		—	—	8.68	84.46		0930	X	X	X							1	2	3		

00 9/28/16 18:50

440-160005 Chain of Custody

COMMENTS/SPECIAL INSTRUCTIONS:

# of Containers Used/Received By: Sampler 6 of 6 | Courier of 6 | Lab of 6

Turnaround: ☐ Std ☒ 24HR ☐ 48HR ~~72HR~~ ☐ 5DAY

EDT: ☐ Y ☐ N

Disposal: ☐ Dispose ☐ Hold ☐ Return

Chain Of Custody Receipt

Relinquished by (signature):	Print Name & Company	Date/Time:	Received by (signature):	Print Name & Company
[signature]	Samantha Chen / GSWC	9/28/16 / 1612	[signature]	Jon Power TAI
[signature]	Jon Power TAI	9/28/16 1720	Olga Ornelas	TAI

2.8°/2.2° #74

V1.1 9/25/2014

Login Sample Receipt Checklist

Client: Golden State Water Company

Job Number: 440-160005-1

Login Number: 160005
List Number: 1
Creator: Garcia, Veronica G

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Cirillo, Darla

From: Kennedy, John
Sent: Thursday, October 05, 2017 2:31 PM
To: Cirillo, Darla
Subject: FW: GSWC Water Quality Analysis of Wilson Well Discharge Sept. 21 to Oct. 15 2016
Attachments: Figure 1.pdf; Placentia Wells_10112016 440-161432-1.pdf; RSK175_100516_J160784-1 UDS Level 2 Report Final Report.pdf; RSK175_Startup_J159270-1 UDS Level 2 Report Final Report.pdf; RSK175_Week1_J160005-1 UDS Level 2 Report Final Report.pdf; FW: Average F_TEMP Active Large System Production in Orange County

John Kennedy
Executive Director of Engineering and Water Resources
Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-3304
email: jkennedy@ocwd.com

From: Vecchiarelli, Ken [mailto:Ken.Vecchiarelli@gswater.com]
Sent: Thursday, October 05, 2017 2:27 PM
To: Kennedy, John
Cc: Moore, Toby; Pillai, Sunil K.; Chen, Samantha; Herndon, Roy
Subject: GSWC Water Quality Analysis of Wilson Well Discharge Sept. 21 to Oct. 15 2016

John,

As noted in our RA/BEA exemption request letter, GSWC discharged approx. 230 acre-feet of water in just over a three week period at the maximum capacity of the new Wilson Well to see if WQ issues such as odor, high temperature, high pH and air entrainment would change over time.

1. Figure 1 attached is the September-October discharge to storm water temperature and pH parameters taken in the field
2. Table 1 below is dissolved gas sampling results from the same discharge period (see also attached lab results)
3. Table 2 below shows total sulfide results from the same discharge period

After 3+ weeks of pumping at Wilson Well's maximum capacity, the secondary water quality parameters of the discharged water did not improve. Additionally, we also found concentrations of methane in the entrained air samples. At the end of the test pumping, we took discreet level samples and are using that data and our internal analysis to set a packer inside the well for the additional pump testing.

Table 1: Dissolved Gas Sampling Results

Well Name	Sample Date	Methane (mg/L)	CO2 (mg/L)	Ethane (mg/L)	Ethene (mg/L)	DO (mg/L)
Wilson Well	9/22/2016	9.6	<2.0	<0.0020	<0.0028	4.6HF
	9/28/2016	9.4	<2.0	<0.0020	<0.0028	4.3HF
	10/5/2016	9.2	<2.0	<0.0020	<0.0028	5.3HF
	10/11/2016	6.2	<2.0	<0.0020	<0.0028	3.1HF

Notes:
HF= Field parameter with a holding time of 15 minutes, all laboratory DO results exceeded the recommended holding time

Table 2: Selected Field Parameter Readings from Wilson Well

Date	Time	Ammonia (mg/L)	Total Sulfide (mg/L)	CO_2 (mg/L)
9/21/2016	9:50	0.18	0.06	7.5
9/21/2016	12:00	0.19	0.06	8
9/22/2016	11:20	0.19	0.06	4
9/22/2016	15:15	NA	NA	3.75
9/23/2016	13:40	0.18	0.07	8
9/24/2016	7:35	0.15	0.05	4
9/24/2016	12:18	0.15	0.08	4
9/25/2016	7:35	0.13	0.05	2
9/25/2016	13:20	0.14	0.08	2.5
9/26/2016	10:15	0.14	0.05	3.75
9/26/2016	13:05	0.14	0.05	4
9/27/2016	8:30	0.18	0.06	2
9/27/2016	12:20	0.18	0.06	2
9/28/2016	9:00	0.16	0.06	2
9/29/2016	13:30	0.16	0.07	6.2
9/30/2016	13:20	0.22	0.03	8
10/1/2016	12:21	0.18	0.12	8
10/2/2016	11:50	0.18	0.11	8
10/3/2016	9:44	0.16	0.05	6
10/4/2016	9:33	0.15	0.11	4
10/5/2016	9:35	0.18	0.08	4
10/6/2016	11:55	0.15	0.05	4
10/7/2016	8:25	0.19	0.05	2

We have numerous other test data including Title 22 tests and results, but those results were not included here since our primary issues were with secondary constituents not normally tested for in the Title 22 analysis.

Ken Vecchiarelli, P.E.
General Manager, Orange County District
Golden State Water Company
1920 W. Corporate Way
Anaheim, CA 92801
Direct: (714) 683-0350
Cell: (310) 256-0424