Pacific Gas and Electric Company®

Diablo Canyon Power Plant P. O. Box 56
Avila Beach, CA 93424

PG&E Letter DCL-2015-540

Electronic Submission
CIWQS Web Application

October 20, 2015

California Regional Water Quality Control Board
Central Coast Region
Attn: Monitoring and Reporting Review Section
895 Aerovista, Suite #101
San Luis Obispo, CA 93401-7906

In accordance with Order 90-09, NPDES No. CA0003751, the 3rd Quarter 2015 report on Discharge Self-Monitoring at Diablo Canyon Power Plant (DCPP) is provided. This letter and accompanying report summary has been attached to the State CIWQS application data submittal (eSMR). State DMR Forms are additionally incorporated in the CIWQS electronic data submittal (eDMR).

Facility Name:	Pacific Gas & Electric Company Diablo Canyon Power Plant
Address:	P.O. Box 56 Avila Beach, CA 93424
Contact Person: **Job Title:** **Phone Number:**	Bryan Cunningham Supervisor, Environmental Operations (805) 545-4439
WDR/NPDES Order Number:	Order No. 90-09, NPDES No. CA0003751
Type of Report: (check one)	**QUARTERLY** ☒ **ANNUAL** ☐
Quarter: (check one):	**1st** ☐ **2nd** ☐ **3rd** ☒ **4th** ☐
Year:	2015 (Annual Reports for **DCPP** are Jan-Dec)
Violation(s) (Place an X by the appropriate choice):	☒ No (there are no violations to report) ☐ Yes

IE25
NRR

If Yes is marked (complete a-g):

a) Parameter(s) in Violation:

b) Section(s) of WDR/NPDES Violated:

c) Reported Value(s):

d) WDR/NPDES Limit/Condition:

e) Dates of Violation(s): (If "YES", see overview section of attached report)
(reference page of report/data sheet)

f) Explanation of Cause(s): (If "YES", see overview section of attached report)
(attach additional information as needed)

g) Corrective Action(s): (If "YES", see overview section of attached report)
(attach additional information as needed)

I certify under penalty of law that this document, the CIWQS data submittal, and all associated attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. The results of the influent and effluent monitoring presented are the observed results of the measurements and analyses required by the monitoring program; and is neither an assertion of the adequacy of any instrument reading or analytical result, nor an endorsement of the appropriateness of any analytical or measurement procedure. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or concerns regarding the report provided, or require additional information, please contact Bryan Cunningham at (805) 545-4439.

Sincerely,

Kenneth W. Cortese

Name: Kenneth W. Cortese
Title: *Manager, Chemistry and Environmental Operations – Diablo Canyon Power Plant*

2015540/jlk/bkc

cc: PDF Formatted Copy of CIWQS Application Submittal:

Regional Administrator
Licensing Assistant, Operations Branch
U.S. Nuclear Regulatory Commission
Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

Hardcopy Print-Out of CIWQS Application Submittal:

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Thomas Hipschman
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Diablo Canyon Power Plant 104/5

PACIFIC GAS AND ELECTRIC COMPANY

Third Quarter 2015

REPORT ON DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

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OVERVIEW

1. During the third quarter of 2015, discharges occurred from Discharge Paths 001 (once through cooling water), 001B, 001D, 001E, 001F, 001G, 001H, 001L, 001M, 001N, 001P, 002, 003, 004, and 005 through 015. No discharges occurred from Discharge Paths 001I, 001J, 001K, 016 and 017. A list of all of the permit discharge pathways, including name and number, is provided in **Appendix 1**.

2. The substances listed in Table B of the California Ocean Plan were each analyzed for and reported in the permit renewal application and application updates for Diablo Canyon Power Plant (DCPP) submitted in 1994, 2001, and 2011. There have been no changes in activities conducted at the plant that would have significantly affected the results previously reported in the above referenced documents. Ocean Plan Table B substances not analyzed for this quarter were not added to any plant discharge streams.

3. During the third quarter of 2015, maintenance activities that required draining of closed cooling water systems were performed, and are summarized below. PG&E received concurrence from the CCRWQCB in response to letters dated July 19, 1995 (PG&E Letter DCL-95-156), May 23, 1996 (PG&E Letter DCL-96-522), and May 19, 1997 (PG&E Letter DCL-97-533) regarding the use of glutaraldehyde and isothiazolin to control microbiological growth and corrosion in DCPP's closed cooling water systems. Discharges are drained at a flow rate such that the chronic toxicity level remains below the "No Observable Effect Concentration" (NOEC) at NPDES Discharge 001.

Date	System	Volume (gallons)	Glutaraldehyde (mg/l)	Isothiazolin (mg/l as Cl^-)	Total Suspended Solids (mg/l)	Oil & Grease (mg/l)
07/07/15	Unit 2 SCW	560	0.0	5.1	n/a	n/a
08/03/15	Unit 2 SCW	30	0.0	4.7	n/a	n/a
08/06/15	Unit 2 SCW	34,040	0.0	4.7	< 2.0	< 1.4
08/07/15	Unit 2 SCW	50	0.0	4.7	n/a	n/a
08/13/15	Unit 2 SCW	51	0.0	0.3	n/a	n/a

4. One event affected the results of continuous chlorine monitoring at Discharge 001 during the third quarter 2015. For this event, an engineering evaluation was subsequently completed as authorized by the Regional Board in accordance with PG&E's January 5, 1994 letter. The engineering evaluation was based on factors that were developed from recorded chemical injection rates and condenser waterbox inlet chlorine monitoring results. These factors were used to calculate estimates of actual chlorine concentration for the respective monitor at Discharge 001 during the event interval. The estimates were used to replace those recorded by the affected monitor when they were greater. The event interval, affected monitor, number of affected results, the cause(s), and corrective action(s) have been tabulated below. For the evaluated period, high biological demand resulted in all the evaluation results being below the analytical reporting limit. Therefore, no monitor data replacements were made. Results from the engineering evaluations were all below the applicable calculated California Ocean Plan discharge limit of 89-µg/L.

Interval	Affected Monitor	Replaced Readings	Cause	Corrective Actions
08/19/15 to 08/26/15	Unit 2	n/a (0)	Monitor possible low bias indicated by QC check result less than lower control limit.	Monitor lower flow block replaced and monitor recalibrated.

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

1. The results of the July, August, and September 2015 plant influent and effluent monitoring have been reported via the CIWQS web application to which this letter is attached.

2. The laboratory report for one acute bioassay on water sampled from Discharge 001, performed August 12-16, 2015, is attached to the CIWQS application submittal. The acute bioassay results show that toxicity was 0.0 TUa (no acute toxicity).

   Note: The 0.0 TUa value is not included in the CIWQS application spreadsheet as the formatting of the data spreadsheet does not accommodate zero value entries.

3. The laboratory report for one chronic bioassay on water sampled from Discharge 001, performed August 12-14, 2015, is attached to the CIWQS application submittal. The chronic bioassay results show that toxicity was 1.0 TUc (no chronic toxicity).

B. Monitoring of Receiving Waters

1. Ecological Studies at Diablo Canyon

   Ecological studies in the vicinity of Diablo Cove conducted during the third quarter continued under the Diablo Canyon Receiving Water Monitoring Program (RWMP) as requested in a letter from the Central Coast Regional Water Quality Control Board (CCRWQCB) dated December 9, 1998, and as detailed in a letter (PG&E Letter DCL-99-503) dated January 8, 1999. This program includes tasks from the Ecological Monitoring Program (EMP) with additional stations and increased sampling frequencies. The RWMP replaces the EMP and the Thermal Effects Monitoring Program (TEMP).

2. In Situ Bioassay

   Results of the Mussel Watch Program will be reported to the CCRWQCB directly from the California Department of Fish and Wildlife in the Department's periodic report for this program.

C. Sodium Bromide Treatment Program

Diablo Canyon Power Plant is continuing the use of sodium bromide and sodium hypochlorite to control macrofouling growth for both Units. Both circulating water conduits of each Unit can be chemically treated simultaneously. Each treated conduit typically receives a twenty-minute injection every four hours (six injections a day) of sodium bromide in combination with sodium hypochlorite.

Each chemical injection treatment attempts to achieve a target concentration in the range of 250-300 parts per billion (ppb) Total Residual Oxidant (TRO) when measured at the inlet waterbox of the condenser. Discharge TRO concentrations measured at the plant outfall remained below NPDES permit limitations and the calculated Ocean Plan limit throughout the quarter.

Both conduits of Unit 1 were treated with simultaneous injections of sodium bromide and sodium hypochlorite six times a day throughout the third quarter with brief interruptions in July and September for maintenance activities. Sodium bromide injections were shut down in late September in preparation for the 1R19 refueling outage. Sodium hypochlorite injections continued through the rest of September to control microfouling in the main steam condenser.

Both conduits of Unit 2 were treated with simultaneous injections of sodium bromide and sodium hypochlorite six times a day throughout the third quarter with a brief interruption in July for maintenance activities, and a longer interruption in September for a seawater conduit cleaning curtailment.

APPENDIX 1

DIABLO CANYON POWER PLANT

NPDES DISCHARGE POINTS	
DISCHARGE NUMBER	**DESCRIPTION**
001	Once-Though Cooling Water
001 A	Firewater Systems
001 B	Auxiliary Salt Water Cooling System
001 C	Discharge Deleted
001 D	Liquid Radioactive Waste Treatment System
001 E	Service Cooling Water System
001 F	Turbine Building Sump
001 G	Make-Up Water System Waste Effluent
001 H	Condensate Demineralizer Regenerant
001 I	Seawater Evaporator Blowdown
001 J	Condensate Pumps Discharge Header Overboard
001 K	Condenser Tube Sheet Leak Detection Dump Tank Overboard
001 L	Steam Generator Blowdown
001 M	Wastewater Holding and Treatment System
001 N	Sanitary Wastewater Treatment System
001 P	Seawater Reverse Osmosis System Blowdown
002	Intake Structure Building Floor Drains
003	Intake Screen Wash
004	Bio Lab and Storm Water Runoff
005, 008, 009, 013, 014, 015	Yard Storm Drains
006, 007, 010, 011, 012	Storm Water Runoff
016	Bio Lab Seawater Supply Pump Valve Drain
017	Seawater Reverse Osmosis System Blowdown Drain

CIWQS Web Application Submittal Print Out and Attached Supporting Documents

eSMR PDF Report
Summary: Quarterly SMR (MONNPDES) report for Q3 2015

Summary: Quarterly SMR (MONNPDES) report for Q3 2015 submitted by Kenneth Cortese (No Title) on 10/20/2015.

Facility Name: PG&E Diablo Canyon Power Plant
Waterboard Office: Region 3 - Central Coast
Report Effective Dates: 07/01/2015 - 09/30/2015
Order Number: R3-1990-0009
Case Worker: Peter Von Langen

No Discharge Periods

Name	Description	Dates	Comments
Diablo M-001			
Diablo M-001D			
Diablo M-001F			
Diablo M-001G			
Diablo M-001H			
Diablo M-001I		07/01/2015 - 09/30/2015	Plant Seawater Evaporators no longer in service.
Diablo M-001J		07/01/2015 - 09/30/2015	Condensate Pump Discharge Header not drained during 3Q15. No effluent discharged.
Diablo M-001K		07/01/2015 - 09/30/2015	Plant Condenser Tube Sheet Leak Detection Dump Tank no longer in service.
Diablo M-001L			
Diablo M-001M			
Diablo M-001N			
Diablo M-001P			
Diablo M-002			
Diablo M-003			
Diablo M-004			
Diablo M-005		07/01/2015 - 09/30/2015	
Diablo M-008		07/01/2015 - 09/30/2015	
Diablo M-009		07/01/2015 - 09/30/2015	
Diablo M-013		07/01/2015 - 09/30/2015	
Diablo M-015		07/01/2015 - 09/30/2015	
Diablo M-016		07/01/2015 - 09/30/2015	Bio Lab Seawater Supply Line Valve Box not drained during 3Q15. No effluent discharged.
Diablo M-017		07/01/2015 - 09/30/2015	Seawater RO System Blowdown Line not drained during 3Q15. Discharge rarely used.
Diablo M-INF			

Self-Determined Violations

No Violations Entered

Attachments

File Name	File Description	Date Uploaded	File Size
Attachment 1 - 2015 3rd Qtr DCPP NPDES Worksheets.pdf		10/20/2015	165423 bytes
Attachment 2 - 2015 3rd Qtr DCPP NPDES Contract Lab Results.pdf		10/15/2015	2746621 bytes

Cover Letter (Uploaded File)

Title	Date Uploaded	File Size
PGE DCL2015540 3rd-Q 2015 DSMR Summary.pdf	10/20/2015	795386 bytes

Data Summary

Analytical Results

Location	Parameter	Anal. Method	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Ammonia, Total (as N)	A4500NH : Standard Method (19th) 4500-NH: Nitrogen (Ammonia)	07/14/2015 : 10:15:00	08/10/2015	=	0.13	mg/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001	Chromium (Total)	DU : Data Unavailable	07/09/2015 : 09:44:00	08/06/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001	Chromium (Total)	DU : Data Unavailable	08/17/2015 : 10:05:00	08/24/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001	Chromium (Total)	DU : Data Unavailable	09/10/2015 : 09:50:00	09/28/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001	Chronic Toxicity	DU : Data Unavailable	08/11/2015 : 10:15:00	08/12/2015	=	1	TUc				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001	Copper, Total	DU : Data Unavailable	07/09/2015 : 09:44:00	08/06/2015	DNQ	7	ug/L	5		10	No			CDF_Analytical_Calculated_10192015.zip
M-001	Copper, Total	DU : Data Unavailable	08/17/2015 : 10:05:00	08/24/2015	DNQ	7	ug/L	5		10	No			CDF_Analytical_Calculated_10192015.zip
M-001	Copper, Total	DU : Data Unavailable	09/10/2015 : 09:50:00	09/28/2015	DNQ	7.6	ug/L	5		10	No			CDF_Analytical_Calculated_10192015.zip
M-001	Nickel, Total	DU : Data Unavailable	07/09/2015 : 09:44:00	08/06/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001	Nickel, Total	DU : Data Unavailable	08/17/2015 : 10:05:00	08/24/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001	Nickel, Total	DU : Data Unavailable	09/10/2015 : 09:50:00	09/28/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	07/09/2015 : 09:44:00	07/09/2015	=	7.9	SU				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Anal. Method	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	08/17/2015 : 10:05:00	08/17/2015	=	7.95	SU				No			CDF_Analytical_Calculated_1019 2015.zip
M-001	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	09/10/2015 : 09:50:00	09/10/2015	=	7.98	SU				No			CDF_Analytical_Calculated_1019 2015.zip
M-001	Zinc, Total	DU : Data Unavailable	07/09/2015 : 09:44:00	08/06/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_1019 2015.zip
M-001	Zinc, Total	DU : Data Unavailable	08/17/2015 : 10:05:00	08/27/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_1019 2015.zip
M-001	Zinc, Total	DU : Data Unavailable	09/10/2015 : 09:50:00	09/28/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_1019 2015.zip
M-001D	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	09/29/2015 : 13:07:00	09/29/2015	DNQ	1.7	mg/L	1.4		5	No		Monthly avg result. See Attachment 1, Tab 7	CDF_Analytical_Calculated_1019 2015.zip
M-001D	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	08/26/2015 : 09:06:00	08/26/2015	ND		mg/L	1.4			No		Monthly avg result. See Attachment 1, Tab 6	CDF_Analytical_Calculated_1019 2015.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	08/06/2015 : 10:34:00	08/25/2015	DNQ	1.4	mg/L	1.4		5	No			CDF_Analytical_Calculated_1019 2015.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	09/01/2015 : 13:55:00	09/24/2015	DNQ	1.4	mg/L	1.4		5	No			CDF_Analytical_Calculated_1019 2015.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/06/2015 : 13:30:00	07/22/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_1019 2015.zip
M-001G	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/07/2015 : 13:00:00	07/23/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_1019 2015.zip
M-001G	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	07/07/2015 : 13:00:00	07/07/2015	ND		mg/L	2			No			CDF_Analytical_Calculated_1019 2015.zip

Location	Parameter	Anal. Method	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001G	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	08/06/2015 : 13:08:00	08/06/2015	ND		mg/L	2			No			CDF_Analytical_Calculated_1019 2015.zip
M-001G	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	09/01/2015 : 12:30:00	09/01/2015	ND		mg/L	2			No			CDF_Analytical_Calculated_1019 2015.zip
M-001M	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/24/2015 : 18:05:00	07/29/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_1019 2015.zip
M-001M	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	07/24/2015 : 18:05:00	07/24/2015	=	7.6	mg/L				No			CDF_Analytical_Calculated_1019 2015.zip
M-001P	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/08/2015 : 07:15:00	07/22/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_1019 2015.zip
M-003	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/02/2015 : 10:24:00	07/29/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_1019 2015.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	07/02/2015 : 10:24:00	07/02/2015	=	7.95	SU				No			CDF_Analytical_Calculated_1019 2015.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	08/04/2015 : 13:05:00	08/04/2015	=	8	SU				No			CDF_Analytical_Calculated_1019 2015.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	09/02/2015 : 10:10:00	09/02/2015	=	7.88	SU				No			CDF_Analytical_Calculated_1019 2015.zip
M-004	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/02/2015 : 10:16:00	07/29/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_1019 2015.zip
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	07/02/2015 : 10:16:00	07/02/2015	=	7.93	SU				No			CDF_Analytical_Calculated_1019 2015.zip

Location	Parameter	Anal. Method	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	08/04/2015 : 12:57:00	08/04/2015	=	7.91	SU				No			CDF_Analytical_Calculated_10192015.zip
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	09/02/2015 : 10:55:00	09/02/2015	=	7.95	SU				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Ammonia, Total (as N)	A4500NH : Standard Method (19th) 4500-NH: Nitrogen (Ammonia)	07/14/2015 : 10:05:00	07/15/2015	=	0.11	mg/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	07/09/2015 : 09:32:00	07/09/2015	=	7.87	SU				No			CDF_Analytical_Calculated_10192015.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	08/17/2015 : 10:00:00	08/17/2015	=	7.95	SU				No			CDF_Analytical_Calculated_10192015.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	09/10/2015 : 09:45:00	09/10/2015	=	8.02	SU				No			CDF_Analytical_Calculated_10192015.zip

Calculated Values

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Chlorine Usage	30-Day Average of Daily Averages	07/01/2015 : 00:00:00	07/31/2015	=	770	lb/day				No		Monthly avg result. See Attachment 1, Tab 2	CDF_Analytical_Calculated_10192015.zip
M-001	Chlorine Usage	30-Day Average of Daily Averages	08/01/2015 : 00:00:00	08/31/2015	=	832	lb/day				No		Monthly avg result. See Attachment 1, Tab 3	CDF_Analytical_Calculated_10192015.zip
M-001	Chlorine Usage	30-Day Average of Daily Averages	09/01/2015 : 00:00:00	09/30/2015	=	658	lb/day				No		Monthly avg result. See Attachment 1, Tab 4	CDF_Analytical_Calculated_10192015.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	07/01/2015 : 00:00:00	07/31/2015	<	10	ug/L				No		Monthly avg result. See Attachment 1, Tab 2	CDF_Analytical_Calculated_10192015.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	08/01/2015 : 00:00:00	08/31/2015	<	10	ug/L				No		Monthly avg result. See Attachment 1, Tab 3	CDF_Analytical_Calculated_10192015.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	09/01/2015 : 00:00:00	09/30/2015	<	10	ug/L				No		Monthly avg result. See Attachment 1, Tab 4	CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/01/2015 : 00:00:00	07/01/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/02/2015 : 00:00:00	07/02/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/03/2015 : 00:00:00	07/03/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Flow	Daily Discharge	07/04/2015 : 00:00:00	07/04/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/05/2015 : 00:00:00	07/05/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/06/2015 : 00:00:00	07/06/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/07/2015 : 00:00:00	07/07/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/08/2015 : 00:00:00	07/08/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/09/2015 : 00:00:00	07/09/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/10/2015 : 00:00:00	07/10/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/11/2015 : 00:00:00	07/11/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/12/2015 : 00:00:00	07/12/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/13/2015 : 00:00:00	07/13/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/14/2015 : 00:00:00	07/14/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/15/2015 : 00:00:00	07/15/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/16/2015 : 00:00:00	07/16/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/17/2015 : 00:00:00	07/17/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/18/2015 : 00:00:00	07/18/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/19/2015 : 00:00:00	07/19/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/20/2015 : 00:00:00	07/20/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/21/2015 : 00:00:00	07/21/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/22/2015 : 00:00:00	07/22/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/23/2015 : 00:00:00	07/23/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Flow	Daily Discharge	07/24/2015 : 00:00:00	07/24/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/25/2015 : 00:00:00	07/25/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/26/2015 : 00:00:00	07/26/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/27/2015 : 00:00:00	07/27/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/28/2015 : 00:00:00	07/28/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/29/2015 : 00:00:00	07/29/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/30/2015 : 00:00:00	07/30/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	07/31/2015 : 00:00:00	07/31/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/01/2015 : 00:00:00	08/01/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/02/2015 : 00:00:00	08/02/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/03/2015 : 00:00:00	08/03/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/04/2015 : 00:00:00	08/04/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/05/2015 : 00:00:00	08/05/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/06/2015 : 00:00:00	08/06/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/07/2015 : 00:00:00	08/07/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/08/2015 : 00:00:00	08/08/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/09/2015 : 00:00:00	08/09/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/10/2015 : 00:00:00	08/10/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/11/2015 : 00:00:00	08/11/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/12/2015 : 00:00:00	08/12/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Flow	Daily Discharge	08/13/2015 : 00:00:00	08/13/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/14/2015 : 00:00:00	08/14/2015	=	2146	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/15/2015 : 00:00:00	08/15/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/16/2015 : 00:00:00	08/16/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/17/2015 : 00:00:00	08/17/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/18/2015 : 00:00:00	08/18/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/19/2015 : 00:00:00	08/19/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/20/2015 : 00:00:00	08/20/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/21/2015 : 00:00:00	08/21/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/22/2015 : 00:00:00	08/22/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/23/2015 : 00:00:00	08/23/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/24/2015 : 00:00:00	08/24/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/25/2015 : 00:00:00	08/25/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/26/2015 : 00:00:00	08/26/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/27/2015 : 00:00:00	08/27/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/28/2015 : 00:00:00	08/28/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/29/2015 : 00:00:00	08/29/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/30/2015 : 00:00:00	08/30/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	08/31/2015 : 00:00:00	08/31/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/01/2015 : 00:00:00	09/01/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Flow	Daily Discharge	09/02/2015 : 00:00:00	09/02/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/03/2015 : 00:00:00	09/03/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/04/2015 : 00:00:00	09/04/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/05/2015 : 00:00:00	09/05/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/06/2015 : 00:00:00	09/06/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/07/2015 : 00:00:00	09/07/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/08/2015 : 00:00:00	09/08/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/09/2015 : 00:00:00	09/09/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/10/2015 : 00:00:00	09/10/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/11/2015 : 00:00:00	09/11/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/12/2015 : 00:00:00	09/12/2015	=	1982	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/13/2015 : 00:00:00	09/13/2015	=	1862	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/14/2015 : 00:00:00	09/14/2015	=	1948	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/15/2015 : 00:00:00	09/15/2015	=	1862	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/16/2015 : 00:00:00	09/16/2015	=	1967	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/17/2015 : 00:00:00	09/17/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/18/2015 : 00:00:00	09/18/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/19/2015 : 00:00:00	09/19/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/20/2015 : 00:00:00	09/20/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/21/2015 : 00:00:00	09/21/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Flow	Daily Discharge	09/22/2015 : 00:00:00	09/22/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/23/2015 : 00:00:00	09/23/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/24/2015 : 00:00:00	09/24/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/25/2015 : 00:00:00	09/25/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/26/2015 : 00:00:00	09/26/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/27/2015 : 00:00:00	09/27/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/28/2015 : 00:00:00	09/28/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/29/2015 : 00:00:00	09/29/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Flow	Daily Discharge	09/30/2015 : 00:00:00	09/30/2015	=	2486	MGD				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/01/2015 : 00:00:00	07/01/2015	=	73.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/02/2015 : 00:00:00	07/02/2015	=	73.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/03/2015 : 00:00:00	07/03/2015	=	75	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/04/2015 : 00:00:00	07/04/2015	=	74.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/05/2015 : 00:00:00	07/05/2015	=	75.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/06/2015 : 00:00:00	07/06/2015	=	74.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/07/2015 : 00:00:00	07/07/2015	=	74.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/08/2015 : 00:00:00	07/08/2015	=	75.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/09/2015 : 00:00:00	07/09/2015	=	76.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/10/2015 : 00:00:00	07/10/2015	=	77.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/11/2015 : 00:00:00	07/11/2015	=	76.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	24-hour Average	07/12/2015 : 00:00:00	07/12/2015	=	75	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/13/2015 : 00:00:00	07/13/2015	=	74.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/14/2015 : 00:00:00	07/14/2015	=	73.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/15/2015 : 00:00:00	07/15/2015	=	72.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/16/2015 : 00:00:00	07/16/2015	=	75.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/17/2015 : 00:00:00	07/17/2015	=	76	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/18/2015 : 00:00:00	07/18/2015	=	77.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/19/2015 : 00:00:00	07/19/2015	=	76.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/20/2015 : 00:00:00	07/20/2015	=	77.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/21/2015 : 00:00:00	07/21/2015	=	77	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/22/2015 : 00:00:00	07/22/2015	=	77.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/23/2015 : 00:00:00	07/23/2015	=	78.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/24/2015 : 00:00:00	07/24/2015	=	79.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/25/2015 : 00:00:00	07/25/2015	=	79.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/26/2015 : 00:00:00	07/26/2015	=	77.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/27/2015 : 00:00:00	07/27/2015	=	78.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/28/2015 : 00:00:00	07/28/2015	=	78.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/29/2015 : 00:00:00	07/29/2015	=	78.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/30/2015 : 00:00:00	07/30/2015	=	77.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	07/31/2015 : 00:00:00	07/31/2015	=	76.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	24-hour Average	08/01/2015 : 00:00:00	08/01/2015	=	75.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/02/2015 : 00:00:00	08/02/2015	=	75.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/03/2015 : 00:00:00	08/03/2015	=	75.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/04/2015 : 00:00:00	08/04/2015	=	76	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/05/2015 : 00:00:00	08/05/2015	=	75.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/06/2015 : 00:00:00	08/06/2015	=	75.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/07/2015 : 00:00:00	08/07/2015	=	77.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/08/2015 : 00:00:00	08/08/2015	=	80.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/09/2015 : 00:00:00	08/09/2015	=	79.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/10/2015 : 00:00:00	08/10/2015	=	80.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/11/2015 : 00:00:00	08/11/2015	=	78.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/12/2015 : 00:00:00	08/12/2015	=	77.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/13/2015 : 00:00:00	08/13/2015	=	75.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/14/2015 : 00:00:00	08/14/2015	=	74.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/15/2015 : 00:00:00	08/15/2015	=	75.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/16/2015 : 00:00:00	08/16/2015	=	77.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/17/2015 : 00:00:00	08/17/2015	=	77.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/18/2015 : 00:00:00	08/18/2015	=	79.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/19/2015 : 00:00:00	08/19/2015	=	78.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/20/2015 : 00:00:00	08/20/2015	=	77.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	24-hour Average	08/21/2015 : 00:00:00	08/21/2015	=	78.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/22/2015 : 00:00:00	08/22/2015	=	78.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/23/2015 : 00:00:00	08/23/2015	=	79.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/24/2015 : 00:00:00	08/24/2015	=	78.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/25/2015 : 00:00:00	08/25/2015	=	77.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/26/2015 : 00:00:00	08/26/2015	=	77.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/27/2015 : 00:00:00	08/27/2015	=	78.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/28/2015 : 00:00:00	08/28/2015	=	78.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/29/2015 : 00:00:00	08/29/2015	=	79	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/30/2015 : 00:00:00	08/30/2015	=	76.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	08/31/2015 : 00:00:00	08/31/2015	=	75.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/01/2015 : 00:00:00	09/01/2015	=	77.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/02/2015 : 00:00:00	09/02/2015	=	78.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/03/2015 : 00:00:00	09/03/2015	=	78	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/04/2015 : 00:00:00	09/04/2015	=	78.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/05/2015 : 00:00:00	09/05/2015	=	78.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/06/2015 : 00:00:00	09/06/2015	=	79.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/07/2015 : 00:00:00	09/07/2015	=	80.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/08/2015 : 00:00:00	09/08/2015	=	81.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/09/2015 : 00:00:00	09/09/2015	=	83.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	24-hour Average	09/10/2015 : 00:00:00	09/10/2015	=	82.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/11/2015 : 00:00:00	09/11/2015	=	82.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/12/2015 : 00:00:00	09/12/2015	=	81.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/13/2015 : 00:00:00	09/13/2015	=	81.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/14/2015 : 00:00:00	09/14/2015	=	80.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/15/2015 : 00:00:00	09/15/2015	=	81.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/16/2015 : 00:00:00	09/16/2015	=	80.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/17/2015 : 00:00:00	09/17/2015	=	80.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/18/2015 : 00:00:00	09/18/2015	=	79.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/19/2015 : 00:00:00	09/19/2015	=	78.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/20/2015 : 00:00:00	09/20/2015	=	81.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/21/2015 : 00:00:00	09/21/2015	=	82.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/22/2015 : 00:00:00	09/22/2015	=	83.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/23/2015 : 00:00:00	09/23/2015	=	81.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/24/2015 : 00:00:00	09/24/2015	=	82.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/25/2015 : 00:00:00	09/25/2015	=	83.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/26/2015 : 00:00:00	09/26/2015	=	82.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/27/2015 : 00:00:00	09/27/2015	=	82.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/28/2015 : 00:00:00	09/28/2015	=	83.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	24-hour Average	09/29/2015 : 00:00:00	09/29/2015	=	82.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	24-hour Average	09/30/2015 : 00:00:00	09/30/2015	=	79.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Daily Maximum	07/31/2015 : 00:00:00	07/31/2015	=	79.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Daily Maximum	08/31/2015 : 00:00:00	08/31/2015	=	80.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Daily Maximum	09/30/2015 : 00:00:00	09/30/2015	=	83.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/01/2015 : 00:00:00	07/01/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/02/2015 : 00:00:00	07/02/2015	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/03/2015 : 00:00:00	07/03/2015	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/04/2015 : 00:00:00	07/04/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/05/2015 : 00:00:00	07/05/2015	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/06/2015 : 00:00:00	07/06/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/07/2015 : 00:00:00	07/07/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/08/2015 : 00:00:00	07/08/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/09/2015 : 00:00:00	07/09/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/10/2015 : 00:00:00	07/10/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/11/2015 : 00:00:00	07/11/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/12/2015 : 00:00:00	07/12/2015	=	19.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/13/2015 : 00:00:00	07/13/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/14/2015 : 00:00:00	07/14/2015	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/15/2015 : 00:00:00	07/15/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/16/2015 : 00:00:00	07/16/2015	=	19.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	Delta from Background	07/17/2015 : 00:00:00	07/17/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/18/2015 : 00:00:00	07/18/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/19/2015 : 00:00:00	07/19/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/20/2015 : 00:00:00	07/20/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/21/2015 : 00:00:00	07/21/2015	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/22/2015 : 00:00:00	07/22/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/23/2015 : 00:00:00	07/23/2015	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/24/2015 : 00:00:00	07/24/2015	=	19.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/25/2015 : 00:00:00	07/25/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/26/2015 : 00:00:00	07/26/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/27/2015 : 00:00:00	07/27/2015	=	19.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/28/2015 : 00:00:00	07/28/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/29/2015 : 00:00:00	07/29/2015	=	19.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/30/2015 : 00:00:00	07/30/2015	=	19.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	07/31/2015 : 00:00:00	07/31/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/01/2015 : 00:00:00	08/01/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/02/2015 : 00:00:00	08/02/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/03/2015 : 00:00:00	08/03/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/04/2015 : 00:00:00	08/04/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/05/2015 : 00:00:00	08/05/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	Delta from Background	08/06/2015 : 00:00:00	08/06/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/07/2015 : 00:00:00	08/07/2015	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/08/2015 : 00:00:00	08/08/2015	=	20.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/09/2015 : 00:00:00	08/09/2015	=	20.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/10/2015 : 00:00:00	08/10/2015	=	20.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/11/2015 : 00:00:00	08/11/2015	=	20.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/12/2015 : 00:00:00	08/12/2015	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/13/2015 : 00:00:00	08/13/2015	=	19.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/14/2015 : 00:00:00	08/14/2015	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/15/2015 : 00:00:00	08/15/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/16/2015 : 00:00:00	08/16/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/17/2015 : 00:00:00	08/17/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/18/2015 : 00:00:00	08/18/2015	=	19.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/19/2015 : 00:00:00	08/19/2015	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/20/2015 : 00:00:00	08/20/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/21/2015 : 00:00:00	08/21/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/22/2015 : 00:00:00	08/22/2015	=	19.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/23/2015 : 00:00:00	08/23/2015	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/24/2015 : 00:00:00	08/24/2015	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/25/2015 : 00:00:00	08/25/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	Delta from Background	08/26/2015 : 00:00:00	08/26/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/27/2015 : 00:00:00	08/27/2015	=	19.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/28/2015 : 00:00:00	08/28/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/29/2015 : 00:00:00	08/29/2015	=	19.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/30/2015 : 00:00:00	08/30/2015	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	08/31/2015 : 00:00:00	08/31/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/01/2015 : 00:00:00	09/01/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/02/2015 : 00:00:00	09/02/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/03/2015 : 00:00:00	09/03/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/04/2015 : 00:00:00	09/04/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/05/2015 : 00:00:00	09/05/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/06/2015 : 00:00:00	09/06/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/07/2015 : 00:00:00	09/07/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/08/2015 : 00:00:00	09/08/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/09/2015 : 00:00:00	09/09/2015	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/10/2015 : 00:00:00	09/10/2015	=	20	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/11/2015 : 00:00:00	09/11/2015	=	20.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/12/2015 : 00:00:00	09/12/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/13/2015 : 00:00:00	09/13/2015	=	19.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/14/2015 : 00:00:00	09/14/2015	=	18.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001	Temperature	Delta from Background	09/15/2015 : 00:00:00	09/15/2015	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/16/2015 : 00:00:00	09/16/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/17/2015 : 00:00:00	09/17/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/18/2015 : 00:00:00	09/18/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/19/2015 : 00:00:00	09/19/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/20/2015 : 00:00:00	09/20/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/21/2015 : 00:00:00	09/21/2015	=	19.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/22/2015 : 00:00:00	09/22/2015	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/23/2015 : 00:00:00	09/23/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/24/2015 : 00:00:00	09/24/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/25/2015 : 00:00:00	09/25/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/26/2015 : 00:00:00	09/26/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/27/2015 : 00:00:00	09/27/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/28/2015 : 00:00:00	09/28/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/29/2015 : 00:00:00	09/29/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Delta from Background	09/30/2015 : 00:00:00	09/30/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Monthly Average of Daily Averages	07/31/2015 : 00:00:00	07/31/2015	=	76.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Monthly Average of Daily Averages	08/31/2015 : 00:00:00	08/31/2015	=	77.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001	Temperature	Monthly Average of Daily Averages	09/30/2015 : 00:00:00	09/30/2015	=	81	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-001D	Cadmium, Total	90-Day Mean	07/08/2015 : 00:00:00	09/02/2015	DNQ	0.17	ug/L	.043		.1	No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001D	Chromium (Total)	90-Day Mean	07/08/2015 : 00:00:00	09/02/2015	=	3.7	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001D	Copper, Total	90-Day Mean	07/08/2015 : 00:00:00	09/02/2015	=	5.1	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001D	Lead, Total	90-Day Mean	07/08/2015 : 00:00:00	09/02/2015	=	0.71	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001D	Mercury, Total	90-Day Mean	07/08/2015 : 00:00:00	09/02/2015	ND		ug/L	.05			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001D	Nickel, Total	90-Day Mean	07/08/2015 : 00:00:00	09/02/2015	=	4.3	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001D	Oil and Grease	30-Day Average	07/09/2015 : 00:00:00	07/30/2015	DNQ	1.4	mg/L	1.4		5	No		Monthly avg result. See Attachment 1, Tab 5	CDF_Analytical_Calculated_10192015.zip
M-001D	Silver, Total	90-Day Mean	07/08/2015 : 00:00:00	09/02/2015	DNQ	0.17	ug/L	.1		1	No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/09/2015 : 00:00:00	07/30/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 5	CDF_Analytical_Calculated_10192015.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/07/2015 : 00:00:00	08/26/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 6	CDF_Analytical_Calculated_10192015.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2015 : 00:00:00	09/29/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 7	CDF_Analytical_Calculated_10192015.zip
M-001D	Zinc, Total	90-Day Mean	07/08/2015 : 00:00:00	09/02/2015	=	150	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001F	Cadmium, Total	7-Day Average (Mean)	07/05/2015 : 00:00:00	07/12/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001F	Chromium (Total)	7-Day Average (Mean)	07/05/2015 : 00:00:00	07/12/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001F	Copper, Total	7-Day Average (Mean)	07/05/2015 : 00:00:00	07/12/2015	DNQ	8.3	ug/L	5		10	No			CDF_Analytical_Calculated_10192015.zip
M-001F	Lead, Total	7-Day Average (Mean)	07/05/2015 : 00:00:00	07/12/2015	DNQ	9.3	ug/L	5		10	No			CDF_Analytical_Calculated_10192015.zip
M-001F	Mercury, Total	7-Day Average (Mean)	07/05/2015 : 00:00:00	07/12/2015	ND		ug/L	.05			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10192015.zip
M-001F	Nickel, Total	7-Day Average (Mean)	07/05/2015 : 00:00:00	07/12/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001F	Silver, Total	7-Day Average (Mean)	07/05/2015 : 00:00:00	07/12/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_10192015.zip
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/06/2015 : 13:30:00	07/06/2015	DNQ	3.4	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_10192015.zip
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/06/2015 : 10:34:00	08/06/2015	DNQ	2.2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/01/2015 : 13:55:00	09/01/2015	DNQ	3	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1019 2015.zip
M-001F	Zinc, Total	7-Day Average (Mean)	07/05/2015 : 00:00:00	07/12/2015	=	22.9	ug/L				No			CDF_Analytical_Calculated_1019 2015.zip
M-001H	Cadmium, Total	90-Day Mean	07/07/2015 : 00:00:00	09/15/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Chromium (Total)	90-Day Mean	07/07/2015 : 00:00:00	09/15/2015	=	20	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Copper, Total	90-Day Mean	07/07/2015 : 00:00:00	09/15/2015	=	24	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Lead, Total	90-Day Mean	07/07/2015 : 00:00:00	09/15/2015	=	16	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Mercury, Total	90-Day Mean	07/07/2015 : 00:00:00	09/15/2015	ND		ug/L	.05			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Nickel, Total	90-Day Mean	07/07/2015 : 00:00:00	09/15/2015	<	10	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Oil and Grease	90-Day Mean	07/01/2015 : 00:00:00	07/02/2015	ND		mg/L	1.4			No		Avg result for qtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Silver, Total	90-Day Mean	07/07/2015 : 00:00:00	09/15/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/01/2015 : 00:00:00	09/02/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/01/2015 : 00:00:00	07/02/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/01/2015 : 00:00:00	08/01/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_1019 2015.zip
M-001H	Zinc, Total	90-Day Mean	07/07/2015 : 00:00:00	09/15/2015	=	13	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Cadmium, Total	90-Day Mean	07/01/2015 : 00:00:00	09/09/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Chromium (Total)	90-Day Mean	07/01/2015 : 00:00:00	09/09/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Copper, Total	90-Day Mean	07/01/2015 : 00:00:00	09/09/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Lead, Total	90-Day Mean	07/01/2015 : 00:00:00	09/09/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Mercury, Total	90-Day Mean	07/01/2015 : 00:00:00	09/09/2015	ND		ug/L	.05			No		Qtrly avg- Att 1 Tab 1 & Att 2 Contract Lab Report	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Nickel, Total	90-Day Mean	07/01/2015 : 00:00:00	09/09/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001L	Oil and Grease	90-Day Mean	07/02/2015 : 00:00:00	07/02/2015	ND		mg/L	1.4			No		Avg result for qtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Silver, Total	90-Day Mean	07/01/2015 : 00:00:00	09/09/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/02/2015 : 00:00:00	07/02/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/12/2015 : 00:00:00	08/12/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2015 : 00:00:00	09/02/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1019 2015.zip
M-001L	Zinc, Total	90-Day Mean	07/01/2015 : 00:00:00	09/09/2015	DNQ	5	ug/L	5		10	No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	07/01/2015 : 00:00:00	07/28/2015	DNQ	0.62	mg/L	.24		5	No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	08/04/2015 : 00:00:00	08/28/2015	DNQ	0.4	mg/L	.24		5	No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	09/03/2015 : 00:00:00	09/22/2015	DNQ	0.7	mg/L	.24		5	No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Settleable Solids	30-Day Average	07/01/2015 : 00:00:00	07/28/2015	DNQ	0.1	ml/L	.1		.1	No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Settleable Solids	30-Day Average	08/04/2015 : 00:00:00	08/28/2015	DNQ	0.1	ml/L	.1		.1	No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Settleable Solids	30-Day Average	09/03/2015 : 00:00:00	09/22/2015	DNQ	0.1	ml/L	.1		.1	No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/01/2015 : 00:00:00	07/28/2015	=	9	mg/L				No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/04/2015 : 00:00:00	08/28/2015	=	10	mg/L				No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/03/2015 : 00:00:00	09/22/2015	=	14	mg/L				No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1019 2015.zip
M-001P	pH	Daily Average (Mean)	07/08/2015 : 07:15:00	07/08/2015	=	7.6	SU				No		See Attachment #1, Tab 11	CDF_Analytical_Calculated_1019 2015.zip
M-001P	pH	Daily Average (Mean)	08/13/2015 : 10:15:00	08/13/2015	=	7.7	SU				No		See Attachment #1, Tab 12	CDF_Analytical_Calculated_1019 2015.zip
M-001P	pH	Daily Average (Mean)	09/03/2015 : 07:15:00	09/03/2015	=	7.7	SU				No		See Attachment #1, Tab 13	CDF_Analytical_Calculated_1019 2015.zip
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/13/2015 : 00:00:00	08/13/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_1019 2015.zip
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/03/2015 : 00:00:00	09/03/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1019 2015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/08/2015 : 00:00:00	07/08/2015	DNQ	3.1	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_1019 2015.zip
M-002	Oil and Grease	90-Day Mean	07/02/2015 : 00:00:00	07/02/2015	ND		mg/L	1.4			No		Avg result for qrtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_1019 2015.zip
M-002	pH	Daily Average (Mean)	07/02/2015 : 00:00:00	07/02/2015	=	7.9	SU				No		See Attachment #1, Tab 11	CDF_Analytical_Calculated_1019 2015.zip
M-002	pH	Daily Average (Mean)	08/04/2015 : 00:00:00	08/04/2015	=	8	SU				No		See Attachment #1, Tab 12	CDF_Analytical_Calculated_1019 2015.zip
M-002	pH	Daily Average (Mean)	09/02/2015 : 00:00:00	09/02/2015	=	7.9	SU				No		See Attachment #1, Tab 13	CDF_Analytical_Calculated_1019 2015.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/04/2015 : 00:00:00	08/08/2015	=	8	mg/L				No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_1019 2015.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/02/2015 : 00:00:00	07/02/2015	DNQ	2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_1019 2015.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2015 : 00:00:00	09/02/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1019 2015.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2015 : 10:10:00	09/02/2015	=	12	mg/L				No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1019 2015.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/02/2015 : 10:24:00	07/02/2015	DNQ	2.3	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_1019 2015.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/04/2015 : 13:05:00	08/04/2015	DNQ	2.8	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_1019 2015.zip
M-INF	Chromium (Total)	90-Day Mean	07/09/2015 : 00:00:00	09/10/2015	ND		ug/L	5			No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_1019 2015.zip
M-INF	Copper, Total	90-Day Mean	07/09/2015 : 00:00:00	09/10/2015	DNQ	7	ug/L	5		10	No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_1019 2015.zip
M-INF	Nickel, Total	90-Day Mean	07/09/2015 : 00:00:00	09/10/2015	ND		ug/L	5			No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	07/01/2015 : 00:00:00	07/01/2015	=	54.3	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	07/02/2015 : 00:00:00	07/02/2015	=	54.7	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	07/03/2015 : 00:00:00	07/03/2015	=	55.8	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	07/04/2015 : 00:00:00	07/04/2015	=	55.3	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	07/05/2015 : 00:00:00	07/05/2015	=	56.3	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	07/06/2015 : 00:00:00	07/06/2015	=	55.8	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-INF	Temperature	24-hour Average	07/07/2015 : 00:00:00	07/07/2015	=	55.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/08/2015 : 00:00:00	07/08/2015	=	56	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/09/2015 : 00:00:00	07/09/2015	=	57.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/10/2015 : 00:00:00	07/10/2015	=	57.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/11/2015 : 00:00:00	07/11/2015	=	56.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/12/2015 : 00:00:00	07/12/2015	=	55.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/13/2015 : 00:00:00	07/13/2015	=	55	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/14/2015 : 00:00:00	07/14/2015	=	53.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/15/2015 : 00:00:00	07/15/2015	=	53.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/16/2015 : 00:00:00	07/16/2015	=	55.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/17/2015 : 00:00:00	07/17/2015	=	56.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/18/2015 : 00:00:00	07/18/2015	=	57.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/19/2015 : 00:00:00	07/19/2015	=	57.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/20/2015 : 00:00:00	07/20/2015	=	57.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/21/2015 : 00:00:00	07/21/2015	=	57.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/22/2015 : 00:00:00	07/22/2015	=	58.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/23/2015 : 00:00:00	07/23/2015	=	59.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/24/2015 : 00:00:00	07/24/2015	=	59.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/25/2015 : 00:00:00	07/25/2015	=	59.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/26/2015 : 00:00:00	07/26/2015	=	58.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-INF	Temperature	24-hour Average	07/27/2015 : 00:00:00	07/27/2015	=	59	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/28/2015 : 00:00:00	07/28/2015	=	59.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/29/2015 : 00:00:00	07/29/2015	=	58.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/30/2015 : 00:00:00	07/30/2015	=	57.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	07/31/2015 : 00:00:00	07/31/2015	=	56.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/01/2015 : 00:00:00	08/01/2015	=	56.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/02/2015 : 00:00:00	08/02/2015	=	55.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/03/2015 : 00:00:00	08/03/2015	=	56.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/04/2015 : 00:00:00	08/04/2015	=	56.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/05/2015 : 00:00:00	08/05/2015	=	55.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/06/2015 : 00:00:00	08/06/2015	=	56	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/07/2015 : 00:00:00	08/07/2015	=	57.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/08/2015 : 00:00:00	08/08/2015	=	59.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/09/2015 : 00:00:00	08/09/2015	=	59.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/10/2015 : 00:00:00	08/10/2015	=	60.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/11/2015 : 00:00:00	08/11/2015	=	58.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/12/2015 : 00:00:00	08/12/2015	=	57.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/13/2015 : 00:00:00	08/13/2015	=	56.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/14/2015 : 00:00:00	08/14/2015	=	55.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/15/2015 : 00:00:00	08/15/2015	=	56.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-INF	Temperature	24-hour Average	08/16/2015 : 00:00:00	08/16/2015	=	58.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/17/2015 : 00:00:00	08/17/2015	=	58	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/18/2015 : 00:00:00	08/18/2015	=	59.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/19/2015 : 00:00:00	08/19/2015	=	58.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/20/2015 : 00:00:00	08/20/2015	=	57.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/21/2015 : 00:00:00	08/21/2015	=	58.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/22/2015 : 00:00:00	08/22/2015	=	59.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/23/2015 : 00:00:00	08/23/2015	=	59.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/24/2015 : 00:00:00	08/24/2015	=	58.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/25/2015 : 00:00:00	08/25/2015	=	57.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/26/2015 : 00:00:00	08/26/2015	=	58.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/27/2015 : 00:00:00	08/27/2015	=	58.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/28/2015 : 00:00:00	08/28/2015	=	59	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/29/2015 : 00:00:00	08/29/2015	=	59.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/30/2015 : 00:00:00	08/30/2015	=	57.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	08/31/2015 : 00:00:00	08/31/2015	=	55.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/01/2015 : 00:00:00	09/01/2015	=	57.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/02/2015 : 00:00:00	09/02/2015	=	58.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/03/2015 : 00:00:00	09/03/2015	=	58.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/04/2015 : 00:00:00	09/04/2015	=	58.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-INF	Temperature	24-hour Average	09/05/2015 : 00:00:00	09/05/2015	=	59.2	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/06/2015 : 00:00:00	09/06/2015	=	59.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/07/2015 : 00:00:00	09/07/2015	=	61.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/08/2015 : 00:00:00	09/08/2015	=	62.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/09/2015 : 00:00:00	09/09/2015	=	63.5	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/10/2015 : 00:00:00	09/10/2015	=	62.6	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/11/2015 : 00:00:00	09/11/2015	=	62	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/12/2015 : 00:00:00	09/12/2015	=	62.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/13/2015 : 00:00:00	09/13/2015	=	61.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/14/2015 : 00:00:00	09/14/2015	=	61.9	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/15/2015 : 00:00:00	09/15/2015	=	62.3	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/16/2015 : 00:00:00	09/16/2015	=	61.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/17/2015 : 00:00:00	09/17/2015	=	62	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/18/2015 : 00:00:00	09/18/2015	=	60.1	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/19/2015 : 00:00:00	09/19/2015	=	59.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/20/2015 : 00:00:00	09/20/2015	=	61.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/21/2015 : 00:00:00	09/21/2015	=	62.8	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/22/2015 : 00:00:00	09/22/2015	=	63.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/23/2015 : 00:00:00	09/23/2015	=	62.4	Degrees F				No			CDF_Analytical_Calculated_10192015.zip
M-INF	Temperature	24-hour Average	09/24/2015 : 00:00:00	09/24/2015	=	63.7	Degrees F				No			CDF_Analytical_Calculated_10192015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-INF	Temperature	24-hour Average	09/25/2015 : 00:00:00	09/25/2015	=	64.4	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	09/26/2015 : 00:00:00	09/26/2015	=	63.4	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	09/27/2015 : 00:00:00	09/27/2015	=	63.6	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	09/28/2015 : 00:00:00	09/28/2015	=	64.4	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	09/29/2015 : 00:00:00	09/29/2015	=	63.5	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	24-hour Average	09/30/2015 : 00:00:00	09/30/2015	=	60.6	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	Daily Maximum	07/31/2015 : 00:00:00	07/31/2015	=	59.9	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	Daily Maximum	08/31/2015 : 00:00:00	08/31/2015	=	60.5	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	Daily Maximum	09/30/2015 : 00:00:00	09/30/2015	=	64.4	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	Monthly Average of Daily Averages	07/31/2015 : 00:00:00	07/31/2015	=	56.9	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	Monthly Average of Daily Averages	08/31/2015 : 00:00:00	08/31/2015	=	57.8	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Temperature	Monthly Average of Daily Averages	09/30/2015 : 00:00:00	09/30/2015	=	61.7	Degrees F				No			CDF_Analytical_Calculated_1019 2015.zip
M-INF	Zinc, Total	90-Day Mean	07/09/2015 : 00:00:00	09/10/2015	ND		ug/L	5			No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_1019 2015.zip

Certificate

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I certify that I am Kenneth Cortese and am authorized to submit this report on behalf of PG&E Diablo Canyon Power Plant. I understand that I am submitting the following report(s):

- Quarterly SMR (MONNPDES) report for Q3 2015 (due 10/20/2015)

I understand that data submitted in this report(s) can be used by authorized agencies for water quality management related analyses and enforcement actions, if required.

I am also aware that my user ID, password, and answer to a challenge question constitute my electronic signature and any information I indicate I am electronically certifying contains my signature. I understand that my electronic signature is the legal equivalent of my handwritten signature. I certify that I have not violated any term in my Electronic Signature Agreement and that I am otherwise without any reason to believe that the confidentiality of my password and challenge question answers have been compromised now or at any time prior to

this submission. I understand that this attestation of fact pertains to the implementation, oversight, and enforcement of a federal environmental program and must be true to the best of my knowledge.

Name: Kenneth Cortese

Title: No Title

Diablo Canyon Power Plant - NPDES Data Worksheets
3rd Quarter 2015

	Tab	Information
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Go To Tab 3	3	Circulating Water Chlorine Residual - August
Go To Tab 4	4	Circulating Water Chlorine Residual - September
Go To Tab 5	5	001D Flow Weighted Averages For TSS and O&G - July
Go To Tab 6	6	001D Flow Weighted Averages For TSS and O&G - August
Go To Tab 7	7	001D Flow Weighted Averages For TSS and O&G - September
Go To Tab 8	8	001N TSS, SS and O&G - July
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Go To Tab 10	10	001N TSS, SS and O&G - September
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Navigation

Miscellaneous Quarterly Average Calculations for Quarterly eSMR

-- For Influent Quarterly Metals, fill in highlighted cells only. Subsequent cells will be filled in automatically.

10 µg/L is DCPP lab Reporting Limit. 5 µg/L is DCPP lab MDL.

Sample Date	Analysis Date	Lab	Parameter	Results	Result for Average	Daily Average	Numerical Quarterly Average	Reporting Average for Quarter
7/9/2015	8/6/2015	DCPP	Influent Cr	ND(5)	0	0	0	ND(5)
8/17/2015	8/24/2015	DCPP	Influent Cr	ND(5)	0			
9/10/2015	9/28/2015	DCPP	Influent Cr	ND(5)	0			
7/9/2015	8/6/2015	DCPP	Influent Cu	DNQ(7)	7	7	7	DNQ(7)
8/17/2015	8/24/2015	DCPP	Influent Cu	DNQ(6)	6			
9/10/2015	9/28/2015	DCPP	Influent Cu	DNQ(8)	8			
7/9/2015	8/6/2015	DCPP	Influent Ni	ND(5)	0	0	0	ND(5)
8/17/2015	8/24/2015	DCPP	Influent Ni	ND(5)	0			
9/10/2015	9/28/2015	DCPP	Influent Ni	ND(5)	0			
7/9/2015	8/6/2015	DCPP	Influent Zn	ND(5)	0	0	0	ND(5)
8/17/2015	8/27/2015	DCPP	Influent Zn	ND(5)	0			
9/10/2015	9/28/2015	DCPP	Influent Zn	ND(5)	0			

Quarterly Oil and Grease Averages

5.0 mg/L is DCPP lab Reporting Limit. 1.4 mg/L is DCPP lab MDL.

Sample Date	Analysis Date	Location	Unit	Parameter	Results	Result for Average	Daily Average	Numerical Quarterly Average	Reporting Average for Quarter
7/1/2015	7/23/2015	001H	1	O&G	ND(1.4)	0.0	0.0	0.0	ND(1.4)
7/2/2015	7/23/2015	001H	2	O&G	ND(1.4)	0.0	0.0		
7/2/2015	7/23/2015	001L	1	O&G	ND(1.4)	0.0	0.0	0.0	ND(1.4)
7/2/2015	7/23/2015	001L	2	O&G	ND(1.4)	0.0			
7/2/2015	7/23/2015	002	1	O&G	ND(1.4)	0.0	0.0	0.0	ND(1.4)
7/2/2015	7/23/2015	002	2	O&G	ND(1.4)	0.0			

Quarterly Metals Composite Averages

10 µg/L is DCPP lab Reporting Limit. 5 µg/L is DCPP lab MDL.

First Aliquot Date	Last Aliquot Date	Location	Unit	Parameter	Results	Result for Average	Numerical Quarterly Average	Reporting Average for Quarter
7/7/2015	9/15/2015	001H	1	Ag	ND(5)	0	0	ND(5)
7/7/2015	9/15/2015	001H	2	Ag	ND(5)			
7/7/2015	9/15/2015	001H	1	Cd	ND(5)	0	0	ND(5)
7/7/2015	9/15/2015	001H	2	Cd	ND(5)			
7/7/2015	9/15/2015	001H	1	Cr	22	20	20	20
7/7/2015	9/15/2015	001H	2	Cr	18			
7/7/2015	9/15/2015	001H	1	Cu	22	24	24	24
7/7/2015	9/15/2015	001H	2	Cu	26			
7/7/2015	9/15/2015	001H	1	Ni	16	8	8	<10
7/7/2015	9/15/2015	001H	2	Ni	DNQ(9)			
7/7/2015	9/15/2015	001H	1	Pb	14	16	16	16
7/7/2015	9/15/2015	001H	2	Pb	17			
7/7/2015	9/15/2015	001H	1	Zn	13	13	13	13
7/7/2015	9/15/2015	001H	2	Zn	12			
7/1/2015	9/9/2015	001L	1	Ag	ND(5)	0	0	ND(5)
7/1/2015	9/9/2015	001L	2	Ag	ND(5)			
7/1/2015	9/9/2015	001L	1	Cd	ND(5)	0	0	ND(5)
7/1/2015	9/9/2015	001L	2	Cd	ND(5)			
7/1/2015	9/9/2015	001L	1	Cr	ND(5)	0	0	ND(5)
7/1/2015	9/9/2015	001L	2	Cr	ND(5)			
7/1/2015	9/9/2015	001L	1	Cu	ND(5)	0	0	ND(5)
7/1/2015	9/9/2015	001L	2	Cu	ND(5)			
7/1/2015	9/9/2015	001L	1	Ni	ND(5)	0	0	ND(5)
7/1/2015	9/9/2015	001L	2	Ni	ND(5)			
7/1/2015	9/9/2015	001L	1	Pb	ND(5)	0	0	ND(5)
7/1/2015	9/9/2015	001L	2	Pb	ND(5)			
7/1/2015	9/9/2015	001L	1	Zn	ND(5)	5	5	DNQ(5)
7/1/2015	9/9/2015	001L	2	Zn	DNQ(9))			
9/23/2015	9/28/2015	001L	1	Hg	ND(0.050)	0	0	ND(0.050)
9/23/2015	9/28/2015	001L	2	Hg	ND(0.050)			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1																
2		Chlorine for eSMR														
3																
4		FILL IN ONLY SHADED/COLORED CELLS														
5																
6		Date														
7		7/1/2015	7/2/2015	7/3/2015	7/4/2015	7/5/2015	7/6/2015	7/7/2015	7/8/2015	7/9/2015	7/10/2015	7/11/2015	7/12/2015	7/13/2015	7/14/2015	7/15/2015
8	Unit 1 TRC (ppb)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
9		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
11		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
12		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
13		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
14	Unit 1 Cl2 Use (lbs)	345.6	345.6	345.6	345.6	345.6	345.6	367.2	388.8	388.8	388.8	388.8	388.8	388.8	388.8	388.8
15	Unit 2 TRC (ppb)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
16		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
17		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
18		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	11
19		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
20		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
21	Unit 2 Cl2 Use (lbs)	345.6	345.6	345.6	345.6	345.6	345.6	352.8	360	360	360	360	360	360	360	350.4
22																
23		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
25	Daily Maximum TRC (ppb)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**
26	Daily Cl2 Use (lbs)	**691**	**691**	**691**	**691**	**691**	**691**	**720**	**749**	**749**	**749**	**749**	**749**	**749**	**749**	**739**
27																
28																
29																
30																
31																
32																
33																
34																
35																

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1																	
2																	
3																	
4																	
5																	
6																	
7	**7/16/2015**	**7/17/2015**	**7/18/2015**	**7/19/2015**	**7/20/2015**	**7/21/2015**	**7/22/2015**	**7/23/2015**	**7/24/2015**	**7/25/2015**	**7/26/2015**	**7/27/2015**	**7/28/2015**	**7/29/2015**	**7/30/2015**	**7/31/2015**	
8	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
9	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
11	no injection	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
12	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
13	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
14	324	388.8	388.8	388.8	398.4	417.6	417.6	417.6	417.6	417.6	417.6	424.8	432	432	432	432	
15	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	
16	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	14	
17	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	16	
18	no injection	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	14	
19	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	14	
20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	14	
21	288	345.6	345.6	345.6	360	388.8	403.2	412.8	432	432	432	446.4	460.8	460.8	460.8	460.8	
22																	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	16	
25	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**13**	**16**	
26	**612**	**734**	**734**	**734**	**758**	**806**	**821**	**830**	**850**	**850**	**850**	**871**	**893**	**893**	**893**	**893**	
27														**Chlorine**	**(ppb)**	**(lbs/day)**	
28														**Monthly Average**	**1**	**770**	
29								**MONTHLY CHLORINE USE:**		**23,870**	**lbs.**			**Maximum**	**16**	**893**	
30														**Minimum**	**0**	**612**	
31														**Verify that values have correct references.**			
32														08/31/2015 -- Verified that all calcs end at AF for 31 day month -- M6BX			
33														Reporting <10ppb monthly average to reflect numerical average < RL.			
34																	
35																	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1																
2		**Chlorine for eSMR**														
3																
4		**FILL IN ONLY SHADED/COLORED CELLS**														
5																
6		**Date**														
7		**8/1/2015**	**8/2/2015**	**8/3/2015**	**8/4/2015**	**8/5/2015**	**8/6/2015**	**8/7/2015**	**8/8/2015**	**8/9/2015**	**8/10/2015**	**8/11/2015**	**8/12/2015**	**8/13/2015**	**8/14/2015**	**8/15/2015**
8	**Unit 1 TRC (ppb)**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	<10	11
9		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	16	11
10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<13	<10
11		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	17	<10
12		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<13	<10
13		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
14	**Unit 1 Cl2 Use (lbs)**	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	422.4	398.4	374.4
15	**Unit 2 TRC (ppb)**	14	12	16	16	13	14	16	11	<10	<10	<10	<10	17	12	12
16		14	12	16	16	14	12	14	<10	<10	<10	<10	<10	17	11	13
17		14	13	16	16	14	13	12	<10	<10	<10	<10	<10	16	<10	11
18		14	13	19	14	14	13	11	<10	<10	<10	<10	16	19	11	<10
19		13	14	16	14	13	14	<10	<10	<10	<10	<10	17	<10	11	<10
20		13	16	17	14	14	16	<10	<10	<10	<10	<10	17	12	14	<10
21	**Unit 2 Cl2 Use (lbs)**	460.8	460.8	456	446.4	446.4	446.4	446.4	446.4	446.4	446.4	446.4	446.4	364.8	230.4	374.4
22																
23		0	0	0	0	0	0	0	0	0	0	0	0	10	17	11
24		14	16	19	16	14	16	16	11	0	0	0	17	19	14	13
25	**Daily Maximum TRC (ppb)**	**14**	**16**	**19**	**16**	**14**	**16**	**16**	**11**	**0**	**0**	**0**	**17**	**19**	**17**	**13**
26	**Daily Cl2 Use (lbs)**	**893**	**893**	**888**	**878**	**878**	**878**	**878**	**878**	**878**	**878**	**878**	**878**	**787**	**629**	**749**
27																
28																
29																
30																
31																
32																
33																
34																
35																

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1																	
2																	
3																	
4																	
5																	
6																	
7	**8/16/2015**	**8/17/2015**	**8/18/2015**	**8/19/2015**	**8/20/2015**	**8/21/2015**	**8/22/2015**	**8/23/2015**	**8/24/2015**	**8/25/2015**	**8/26/2015**	**8/27/2015**	**8/28/2015**	**8/29/2015**	**8/30/2015**	**8/31/2015**	
8	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
9	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
11	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
12	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
13	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
14	374.4	374.4	374.4	388.8	403.2	403.2	403.2	403.2	412.8	432.0	432.0	432.0	432.0	432.0	432.0	432.0	
15	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
16	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
17	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
18	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
19	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
21	374.4	388.8	403.2	403.2	403.2	403.2	403.2	403.2	408	417.6	417.6	417.6	417.6	417.6	417.6	403.2	
22																	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
26	**749**	**763**	**778**	**792**	**806**	**806**	**806**	**806**	**821**	**850**	**850**	**850**	**850**	**850**	**850**	**835**	
27														**Chlorine**	**(ppb)**	**(lbs/day)**	
28														**Monthly Average**	**6**	**832**	
29										**MONTHLY CHLORINE USE:**	**25,805**	**lbs.**		**Maximum**	**19**	**893**	
30														**Minimum**	**0**	**629**	
31																**Verify that values have correct references.**	
32																08/31/2015 -- Verified that all calcs end at AF for 31 day month -- M6BX	
33																Reporting <10ppb monthly average to reflect numerical average < RL.	
34																	
35																	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1																
2		**Chlorine for eSMR**														
3																
4		**FILL IN ONLY SHADED/COLORED CELLS**														
5																
6		**Date**														
7		**9/1/2015**	**9/2/2015**	**9/3/2015**	**9/4/2015**	**9/5/2015**	**9/6/2015**	**9/7/2015**	**9/8/2015**	**9/9/2015**	**9/10/2015**	**9/11/2015**	**9/12/2015**	**9/13/2015**	**9/14/2015**	**9/15/2015**
8	**Unit 1 TRC (ppb)**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	No injection	N/A	<13
9		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	No injection	N/A	<13
10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<13	No injection	N/A	<13
11		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	No injection	No injection	<13	<13
12		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	No injection	No injection	<13	<13
13		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	No injection	No injection	<10	<13
14	**Unit 1 Cl2 Use (lbs)**	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	446.4	460.8	460.8	230.4	0.0	216.0	432.0
15	**Unit 2 TRC (ppb)**	<10	<10	<10	<10	No injection	No injection	No injection	No injection	<10	<10	No injection	No injection	No injection	No injection	<7
16		<10	<10	<10	<10	No injection	No injection	No injection	No injection	<10	<10	No injection	No injection	No injection	No injection	<7
17		<10	<10	<10	<10	No injection	No injection	No injection	No injection	<10	<10	No injection	No injection	No injection	No injection	<7
18		<10	<10	<10	<10	No injection	No injection	No injection	<10	<10	<10	No injection	No injection	No injection	No injection	<7
19		<10	<10	<10	No injection	No injection	No injection	No injection	<10	<10	No injection	No injection	No injection	No injection	No injection	<7
20		<10	<10	<10	No injection	No injection	No injection	No injection	<10	<10	No injection	No injection	No injection	No injection	<7	<7
21	**Unit 2 Cl2 Use (lbs)**	388.8	388.8	388.8	259.2	0.0	0.0	0.0	194.4	388.8	259.2	0.0	0.0	0.0	31.2	187.2
22																
23		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	**Daily Maximum TRC (ppb)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
26	**Daily Cl2 Use (lbs)**	**821**	**821**	**821**	**691**	**432**	**432**	**432**	**626**	**835**	**720**	**461**	**230**	**0**	**247**	**619**
27																
28																
29																
30																
31																
32																
33																
34																
35																

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1																	
2																	
3																	
4																	
5																	
6																	
7	**9/16/2015**	**9/17/2015**	**9/18/2015**	**9/19/2015**	**9/20/2015**	**9/21/2015**	**9/22/2015**	**9/23/2015**	**9/24/2015**	**9/25/2015**	**9/26/2015**	**9/27/2015**	**9/28/2015**	**9/29/2015**	**9/30/2015**		
8	<13	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	12	<10	<10	12		
9	<13	<10	<10	<10	<10	<10	<10	11	<10	<10	11	11	<10	<10	13		
10	<13	<10	<10	<10	<10	<10	<10	<10	<10	<10	11	10	10	<10	15		
11	<13	<10	<10	<10	<10	<10	<10	<10	<10	No injection	<10	<10	<10	<10	16		
12	<13	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	<10	<10	11	15		
13	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	12	<10	<10	10	15		
14	432.0	432.0	417.6	403.2	403.2	403.2	403.2	403.2	403.2	336.0	403.2	403.2	403.2	403.2	403.2		
15	<7	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	16	13	13	11		
16	<7	<10	<10	<10	<10	<10	<10	11	<10	<10	12	16	12	13	11		
17	<7	<10	<10	<10	<10	<10	<10	11	<10	<10	13	16	11	13	12		
18	<7	<10	<10	<10	<10	<10	<10	<10	12	No injection	12	11	12	<10	<10		
19	<7	<10	<10	<10	<10	<10	<10	<10	<10	<10	14	<10	12	<10	<10		
20	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	16	12	14	<10	<10		
21	225.6	403.2	369.6	403.2	403.2	403.2	403.2	403.2	403.2	336.0	403.2	403.2	403.2	403.2	403.2		
22																	
23	0	0	0	0	0	0	0	11	0	12	12	12	10	11	16	0	
24	0	0	0	0	0	0	0	11	12	13	16	16	14	13	12	0	
25	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**12**	**13**	**16**	**16**	**14**	**13**	**16**	**0**	
26	**658**	**835**	**787**	**806**	**806**	**806**	**806**	**806**	**806**	**672**	**806**	**806**	**806**	**806**	**806**	**0**	
27														**Chlorine**	**(ppb)**	**(lbs/day)**	
28														**Monthly Average**	**4**	**667**	
29									**MONTHLY CHLORINE USE:**	**20,011**	**lbs.**			**Maximum**	**16**	**835**	
30														**Minimum**	**0**	**0**	
31														**Verify that values have correct references.**			
32														08/31/2015 -- Verfifed that all calcs end at AE for 30 day month -- M6BX			
33														Reporting <10ppb monthly average to reflect numerical average < RL.			
34																	
35																	

LRW TSS Data

2.0 mg/L is MDL. 5.0 mg/L is Reporting Limit.
Results are reported to the Water Board to whole numbers only (no tenths).

System	Batch	Tank	Volume	Discharge Date	Status	Filter 1	Filter 2	Net TSS	TSS for avg.	Unused Volumes	Weight	Weighted TSS
LRW	27	PWR 0-2		7/1/2015 11:38	O					9,061		
LRW	28	PWR 0-1	10,068	7/9/2015 12:03	O	0.4	#N/A	ND(2)	0		0.29	0.00
LRW	29	LDT 0-2	14,931	7/23/2015 14:22	O	0.6	#N/A	ND(2)	0		0.44	0.00
		LDT 0-2 dup				0.4	#N/A	ND(2)				
LRW	31	FDR 0-1	8,773	7/25/2015 15:40	O	6.0	#N/A	6.0	5.5		0.26	1.41
		FDR 0-1 dup				5.0	#N/A	5.0				
LRW	32	LDT 0-1		7/29/2015 9:26	O					15,059		
LRW	34	CDT 0-1	489	7/30/2015 10:15	O	21.0	0	21.0	19.3		0.01	0.28
LRW		CDT 0-1 dup				20.0	2.5	17.5				
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
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LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												

total volume of sampled tanks: 34,261

total sum of volume weights: 1.00

Monthly LRW TSS Average
1.68

Report < 5 to Reflect CDT 0-1 and FDR 0-1 > RL

001D O&G Data

1.4 mg/L is MDL. 5.0 mg/L is Reporting Limit.
Results are reported to the Water Board to the nearest tenth mg/L.

System	Batch	Tank	Volume	Discharge Date	Status	Result	O&G for avg.	Weight	Weighted O&G
LRW	28	PWR 0-1	10,068	7/9/2015 12:03	O	ND(1.4)	0.0	0.29	0.00
LRW	29	LDT 0-2	14,931	7/23/2015 14:22	O	ND(1.4)	0.0	0.44	0.00
LRW	31	FDR 0-1	8,773	7/25/2015 15:40	O	ND(1.4)	0.0	0.26	0.00
LRW	34	CDT 0-1	489	7/30/2015 10:15	O	DNQ(3.5)	3.5	0.01	0.05
LRW									
LRW									
LRW									
LRW									
LRW									

total volume of sampled tanks: 34,261

total sum of volume weights: 1.00

Monthly O&G Average
0.0

Report DNQ(1.4) to Reflect CDT 0-1 > MDL and < RL

LRW TSS Data

2.0 mg/L is MDL. 5.0 mg/L is Reporting Limit.

Results are reported to the Water Board to whole numbers only (no tenths).

System	Batch	Tank	Volume	Discharge Date	Status	Filter 1	Filter 2	Net TSS	TSS for avg.	Unused Volumes	Weight	Weighted TSS
LRW	30	PWR 0-1		8/4/2015 12:46	O					9,924		
LRW	33	LDT 0-2		8/6/2015 11:58	O					14,604		
LRW	35	PWR 0-2	7,479	8/7/2015 10:19	O	1.3	#N/A	ND(2)	0.0		0.33	0.00
LRW	36	LDT 0-1		8/11/2015 10:56	O					14,989		
LRW	37	PWR 0-1		8/12/2015 11:08	O					9,493		
LRW	38	LDT 0-2	14,989	8/13/2015 10:49	O	1.7	#N/A	DNQ(2)	0		0.65	0.00
		LDT 0-2 dup				1.8	#N/A	DNQ(2)				
LRW	39	PWR 0-2		8/14/2015 12:03	O					9,072		
LRW	40	LDT 0-1		8/21/2015 8:30	O					15,050		
LRW	41	LDT 0-2		8/22/2015 10:50	O					15,014		
LRW	42	LDT 0-1		8/25/2015 9:28	O					15,123		
LRW	44	CDT 0-2	498	8/26/2015 9:06	O	22.8	4.0	18.8	19		0.02	0.41
		CDT 0-2 dup				21.0	3.8	17.2				
LRW	43	LDT 0-2		8/26/2015 10:31	O					15,053		
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												

total volume of sampled tanks: 22,966

total sum of volume weights: 1.00

Monthly LRW TSS Average

0.41

Report < 5 to Reflect CDT 0-2 > RL

001D O&G Data

1.4 mg/L is MDL. 5.0 mg/L is Reporting Limit.

Results are reported to the Water Board to the nearest tenth mg/L.

System	Batch	Tank	Volume	Discharge Date	Status	Result	O&G for avg.	Weight	Weighted O&G
LRW	44	CDT 0-2	498	8/26/2015 9:06	O	ND(1.4)	0.0	1.00	0.00
LRW									
LRW									
LRW									
LRW									
LRW									
LRW									
LRW									
LRW									

total volume of sampled tanks: 498

total sum of volume weights: 1.00

Monthly O&G Average

0.0

Report ND(1.4) to Reflect CDT 0-2 < MDL

LRW TSS Data

2.0 mg/L is MDL. 5.0 mg/L is Reporting Limit.
Results are reported to the Water Board to whole numbers only (no tenths).

System	Batch	Tank	Volume	Discharge Date	Status	Filter 1	Filter 2	Net TSS	TSS for avg.	Unused Volumes	Weight	Weighted TSS
LRW	45	LDT 0-1		9/1/2015 10:45	O					15,088		
LRW	46	LDT 0-2	15,134	9/2/2015 14:22	O	0.0	#N/A	ND(2)	0		0.635	0.00
		LDT 0-2 dup				0.1	#N/A	ND(2)				
LRW	47	PWR 0-2	8,198	9/3/2015 9:59	O	0.7	0.0	ND(2)	0		0.344	0.00
LRW	48	PWR 0-1		9/4/2015 23:06	O					8,054		
LRW	49	LDT 0-1		9/7/2015 1:59	O					13,331		
LRW	50	PWR 0-2		9/9/2015 10:57	O					8,198		
LRW	51	LDT 0-1		9/16/2015 12:47	O					15,051		
LRW	52	PWR 0-1		9/17/2015 11:17	O					9,637		
LRW	53	PWR 0-2		9/24/2015 13:24	O					8,774		
LRW	54	CDT 0-1	506	9/29/2015 13:07	O	24.5	0.0	24.5	23.0		0.021	0.49
		CDT 0-1 dup				23.0	1.5	21.5				
LRW	56	LDT 0-2		9/30/2015 6:31	O					15,593		
LRW	55	PWR 0-1		9/30/2015 15:27	O					11,362		
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												

total volume of sampled tanks: 23,838

total sum of volume weights: 1.00

Monthly LRW TSS Average
0.49

Report < 5 to Reflect CDT 0-1 > RL

001D O&G Data

1.4 mg/L is MDL. 5.0 mg/L is Reporting Limit.
Results are reported to the Water Board to the nearest tenth mg/L.

System	Batch	Tank	Volume	Discharge Date	Status	Result	O&G for avg.	Weight	Weighted O&G
LRW	54	CDT 0-1	506.2	9/29/2015 13:07	O	DNQ(1.7)	1.7	1.00	1.70
LRW									
LRW									
LRW									
LRW									
LRW									
LRW									
LRW									
LRW									

total volume of sampled tanks: 506

total sum of volume weights: 1.00

Monthly O&G Average
1.7

Report DNQ(1.7)

001N Monthly Average Calculations

NOTE: Values <Reporting Limit are treated as 0 when averaged with values ≥ RL.

All Results on this sheet are included in Vendor Laboratory Data

0.24 mg/L is O&G method 1664 MDL for BSK Lab.

5.0 mg/L is O&G Method 1664 Reporting Limit.

Results are reported to the Water Board to the nearest tenth mg/L for O&G

Oil and Grease (mg/L)

Date	Result	Numerical Daily Average	Average Qualifier	Results for Monthly Average	Report Monthly Average
7/1/2015	DNQ(0.30)	0.59	DNQ	0.6	0.62
7/1/2015	DNQ(0.59				Reporting DNQ (0.6)
7/1/2015	DNQ(0.89)				
7/10/2015	DNQ(0.99)	1.40	DNQ	1.4	**Daily Maximum**
7/10/2015	DNQ(2.7)				1.4
7/10/2015	DNQ(0.5)				
7/14/2015	DNQ(2.1)	0.80	DNQ	0.8	
7/14/2015	DNQ(0.29)				
7/14/2015	ND(0.24)				
7/20/2015	ND(0.24)	0.0	ND	0.0	
7/20/2015	ND(0.24)				
7/20/2015	ND(0.24)				
7/28/2015	DNQ(0.39)	0.33	DNQ	0.3	
7/28/2015	DNQ(0.59)				
7/28/2015	ND(0.24)				

Total Suspended Solids (mg/L)

Date	Result	Numerical Result	Monthly Average
7/1/2015	8	8	9
7/10/2015	5	5	
7/14/2015	15	15	**Daily Maximum**
7/20/2015	4	4	15
7/28/2015	13	13	

Settleable Solids (ml/L)

Date	Result	Numerical Result	Monthly Average
7/1/2015	DNQ(0.1)	0.0	DNQ(0.1)
7/10/2015	DNQ(0.1)	0.0	
7/14/2015	DNQ(0.1)	0.0	**Daily Maximum**
7/20/2015	DNQ(0.1)	0.0	0.0
7/28/2015	DNQ(0.1)	0.0	

	A	B	C	D	E	F	G	H
2								
3		**001N Monthly Average Calculations**						
4		**NOTE: Values <Reporting Limit are treated as 0 when averaged with values ≥ RL.**						
5		All Results on this sheet are included in Vendor Laboratory Data						
6								
7		**0.24 mg/L is O&G method 1664 MDL for BSK Lab.**						
8		**5.0 mg/L is O&G Method 1664 Reporting Limit.**						
9		**Results are reported to the Water Board to the nearest tenth mg/L for O&G.**						
10								
11		**Oil and Grease (mg/L)**						
12								
13								
14		**Date**	**Result**	**Numerical Daily Average**	**Average Qualifier**	**Results for Monthly Average**	**Report Monthly Average**	
15		8/4/2015	DNQ(0.88)	0.56	DNQ	0.6	0.40	
16		8/4/2015	DNQ(0.49)				Reporting DNQ (0.4)	
17		8/4/2015	DNQ(0.30)					
18		8/12/2015	ND(0.24)	0.30	DNQ	0.3	**Daily Maximum**	
19		8/12/2015	DNQ(0.30)				0.7	
20		8/12/2015	DNQ(0.59)					
21		8/17/2015	ND(0.24)	0.00	ND	0.0		
22		8/17/2015	ND(0.24)					
23		*sample lost--bottle dropped by vendor*						
24		8/28/2015	DNQ(0.39)	0.73	DNQ	0.7		
25		8/28/2015	DNQ(1.1)					
26		8/28/2015	DNQ(0.69)					
27								
28								
29								
30								
31								
32		**Total Suspended Solids (mg/L)**						
33								
34		**Date**	**Result**	**Numerical Result**	**Monthly Average**			
35		8/4/2015	14	14	10			
36		8/12/2015	7	7				
37		8/17/2015	8	8	**Daily Maximum**			
38		8/28/2015	10	10	14			
39								
40								
41								
42		**Settleable Solids (ml/L)**						
43								
44		**Date**	**Result**	**Numerical Result**	**Monthly Average**			
45		8/4/2015	DNQ(0.1)	0.0	DNQ(0.1)			
46		8/12/2015	DNQ(0.1)	0.0				
47		8/17/2015	DNQ(0.1)	0.0	**Daily Maximum**			
48		8/28/2015	DNQ(0.1)	0.0	0.0			
49								
50								
51								
52								

001N Monthly Average Calculations

NOTE: Values <Reporting Limit are treated as 0 when averaged with values ≥ RL.

All Results on this sheet are included in Vendor Laboratory Data

0.24 mg/L is O&G method 1664 MDL for BSK Lab.

5.0 mg/L is O&G Method 1664 Reporting Limit.

Results are reported to the Water Board to the nearest tenth mg/L.

Oil and Grease (mg/L)

Date	Result	Numerical Daily Average	Average Qualifier	Results for Monthly Average	Report Monthly Average
9/3/2015	DNQ(0.7)	1.17	DNQ	1.2	0.70
9/3/2015	DNQ(1.4)				Report DNQ(0.7)
9/3/2015	DNQ(1.4)				
9/8/2015	DNQ(0.5)	0.73	DNQ	0.7	**Daily Maximum**
9/8/2015	DNQ(0.69)				1.2
9/8/2015	DNQ(0.99)				
9/15/2015	ND(0.24)	0.32	DNQ	0.3	
9/15/2015	DNQ(0.49)				
9/15/2015	DNQ(0.49)				
9/22/2015	DNQ(0.5)	0.60	DNQ	0.6	
9/22/2015	DNQ(0.5)				
9/22/2015	DNQ(0.81)				

Total Suspended Solids (mg/L)

Date	Result	Numerical Result	Monthly Average
9/3/2015	26	26	14
9/8/2015	5	5	
9/15/2015	9	9	**Daily Maximum**
9/22/2015	14	14	26

Settleable Solids (ml/L)

Date	Result	Numerical Result	Monthly Average
9/3/2015	DNQ(0.1)	0.0	DNQ(0.1)
9/8/2015	DNQ(0.1)	0.0	
9/15/2015	DNQ(0.1)	0.0	**Daily Maximum**
9/22/2015	DNQ(0.1)	0.0	0.0

Miscellaneous Daily Duplicate/Average and Monthly Average Calculations for eSMR

Duplicate pH Averages

Date	Time	Analysis Date	Location	Unit	Parameter	Result	Average
7/8/2015	7:15	7/8/2015	001P	N/A	pH	7.56	7.6
7/8/2015	7:15	7/8/2015	001P	N/A	pH	7.57	
7/2/2015	10:50	7/2/2015	002	1	pH	7.92	7.9
7/2/2015	10:55	7/2/2015	002	2	pH	7.88	

Monthly TSS Averages

2 mg/L is MDL. 5 mg/L is Reporting Limit.

Results are reported to the Water Board to whole numbers only (no tenths).

Date	Time	Analysis Date	Location	Unit	Sample TSS	Filtrate TSS	Net TSS	TSS for Average	Daily Average	Numerical Monthly Average	Reported Monthly Average
7/6/2015	13:30	7/6/2015	001F	N/A	2.9	0.2	DNQ(2.7)	2.7	3.4	3.4	DNQ(3)
7/6/2015	13:30	7/6/2015	001F	N/A	4.4	0.3	DNQ(4.1)	4.1			
7/1/2015	2:15	7/1/2015	001H	1	0.2	<0.1	ND(2)	0.0	0.0	0.0	ND(2)
7/2/2015	2:10	7/2/2015	001H	2	0.0	0.0	ND(2)	0.0			
7/2/2015	8:05	7/2/2015	001L	1	0.0	0.0	ND(2)	0.0	0.0	0.0	ND(2)
7/2/2015	8:11	7/2/2015	001L	2	0.1	0.0	ND(2)	0.0			
7/8/2015	7:15	7/8/2015	001P	N/A	5.4	1.5	DNQ(3.9)	3.9	3.1	3.1	DNQ(3)
7/8/2015	10:19	7/8/2015	001P	N/A	3.7	1.4	DNQ(2.3)	2.3			
7/8/2015	13:22	7/8/2015	001P	N/A	3.9	0.8	DNQ(3.1)	3.1			
7/2/2015	10:50	7/2/2015	002	1	2.4	0.2	DNQ(2.2)	2.2	2.1	2.1	DNQ(2)
7/2/2015	10:55	7/2/2015	002	2	2.3	0.4	DNQ(1.9)	1.9			
7/2/2015	10:24	7/2/2015	003	N/A	2.6	0.4	DNQ(2.2)	2.2	2.3	2.3	DNQ(2)
7/2/2015	10:24	7/2/2015	003	N/A	3.2	0.8	DNQ(2.4)	2.4			

Miscellaneous Daily Duplicate/Average and Monthly Average Calculations for eSMR

Duplicate pH Averages

Date	Time	Analysis Date	Location	Unit	Parameter	Result	Average
8/13/2015	10:15	8/13/2015	001P	N/A	pH	7.74	7.7
8/13/2015	10:15	8/13/2015	001P	N/A	pH	7.74	
8/4/2015	13:18	8/4/2015	002	1	pH	7.99	8.0
8/4/2015	13:23	8/4/2015	002	2	pH	8.00	

Monthly TSS Averages

2 mg/L is MDL. 5 mg/L is Reporting Limit.

Results are reported to the Water Board to whole numbers only (no tenths).

Date	Time	Analysis Date	Location	Unit	Sample TSS	Filtrate TSS	Net TSS	TSS for Average	Daily Average	Numerical Monthly Average	Reported Monthly Average
8/6/2015	10:34	8/6/2015	001F	N/A	2.4	0.0	DNQ(2.4)	2.4	2.2	2.2	DNQ(2)
8/6/2015	10:34	8/6/2015	001F	N/A	2.0	0.0	DNQ(2.0)	2.0			
8/1/2015	12:55	8/1/2015	001H	1	0.0	0.0	ND(2)	0.0	0.0	0.0	ND(2)
8/1/2015	8:45	8/1/2015	001H	2	0.2	0.0	ND(2)	0.0			
8/12/2015	15:35	8/13/2015	001L	1	0.1	0.0	ND(2)	0.0	0.0	0.0	ND(2)
8/12/2015	15:40	8/13/2015	001L	2	0.0	0.0	ND(2)	0.0			
8/13/2015	7:45	8/13/2015	001P	N/A	2.4	0.6	DNQ(1.8)	0.0	3.1	3.1	<5
8/13/2015	10:15	8/13/2015	001P	N/A	10.0	0.6	9.4	9.4			
8/13/2015	13:00	8/13/2015	001P	N/A	1.7	0.4	ND(2)	0.0			
8/4/2015	13:18	8/6/2015	002	1	4.5	0.3	DNQ(4.2)	0.0	7.8	7.8	8
8/4/2015	13:23	8/6/2015	002	2	15.5	0.0	15.5	15.5			
8/4/2015	13:05	8/4/2015	003	N/A	4	0.6	DNQ(3.4)	3.4	2.8	2.8	DNQ(3)
8/4/2015	13:05	8/4/2015	003	N/A	2.9	0.7	DNQ(2.2)	2.2			

Miscellaneous Daily Duplicate/Average and Monthly Average Calculations for eSMR

Duplicate pH Averages

Date	Time	Analysis Date	Location	Unit	Parameter	Result	Average
9/3/2015	7:15	9/3/2015	001P	N/A	pH	7.68	7.7
9/3/2015	7:15	9/3/2015	001P	N/A	pH	7.72	
9/2/2015	10:40	9/2/2015	002	1	pH	7.93	7.9
9/2/2015	10:45	9/2/2015	002	2	pH	7.90	

Monthly TSS Averages

2 mg/L is MDL. 5 mg/L is Reporting Limit.

Results are reported to the Water Board to whole numbers only (no tenths).

Date	Time	Analysis Date	Location	Unit	Sample TSS	Filtrate TSS	Net TSS	TSS for Average	Daily Average	Numerical Monthly Average	Reported Monthly Average
9/1/2015	13:55	9/1/2015	001F	N/A	2.7	0.2	DNQ(2.5)	2.5	2.7	2.7	DNQ(3)
9/1/2015	13:55	9/1/2015	001F	N/A	2.8	0.0	DNQ(2.8)	2.8			
9/2/2015	9:20	9/2/2015	001H	1	5.3	0.4	4.9	4.9	4.9	2.5	<5
9/1/2015	16:50	9/1/2015	001H	2	0.6	0.1	ND(2)	0.0	0.0		
9/2/2015	8:30	9/2/2015	001L	1	0.0	0.0	ND(2)	0.0	0.0	0.0	ND(2)
9/2/2015	8:40	9/2/2015	001L	2	0.0	0.0	ND(2)	0.0			
9/3/2015	7:15	9/3/2015	001P	N/A	7.2	1.0	6.2	6.2	2.1	2.1	<5
9/3/2015	10:15	9/3/2015	001P	N/A	1.1	0.5	ND(2)	0.0			
9/3/2015	13:10	9/3/2015	001P	N/A	1.4	0.1	ND(2)	0.0			
9/2/2015	10:40	9/2/2015	002	1	0.8	0.3	ND(2)	0.0	0.0	0.0	ND(2)
9/2/2015	10:45	9/2/2015	002	2	1.8	0.5	ND(2)	0.0			
9/2/2015	10:10	9/2/2015	003	N/A	13.2	0.4	12.8	12.8	11.5	11.5	12
9/2/2015	10:10	9/2/2015	003	N/A	10.5	0.4	10.1	10.1			

Diablo Canyon Power Plant
2015 Third Quarter Contract Lab Results

PDF Page	Description
2 – 4	001N Oil & Grease – 07/01/2015
5 – 7	001N Oil & Grease – 07/10/2015
8 – 10	001N Oil & Grease – 07/14/2015
11 – 13	001N Oil & Grease – 07/20/2015
14 – 16	001N Oil & Grease – 07/28/2015
17 – 19	001N Oil & Grease – 08/04/2015
20 – 22	001N Oil & Grease – 08/12/2015
23 – 24	001N Oil & Grease – 08/17/2015
25 – 27	001N Oil & Grease – 08/28/2015
28 – 30	001N Oil & Grease – 09/03/2015
31 – 33	001N Oil & Grease – 09/08/2015
34 – 36	001N Oil & Grease – 09/15/2015
37 – 39	001N Oil & Grease – 09/22/2015
40	001N Suspended Solids, Settleable Solids – 07/01/2015
41	001N Suspended Solids, Settleable Solids – 07/10/2015
42	001N Suspended Solids, Settleable Solids – 07/14/2015
43	001N Suspended Solids, Settleable Solids – 07/20/2015
44	001N Suspended Solids, Settleable Solids – 07/28/2015
45	001N Suspended Solids, Settleable Solids – 08/04/2015
46	001N Suspended Solids, Settleable Solids – 08/12/2015
47	001N Suspended Solids, Settleable Solids – 08/17/2015
48	001N Suspended Solids, Settleable Solids – 08/28/2015
49	001N Suspended Solids, Settleable Solids – 09/03/2015
50	001N Suspended Solids, Settleable Solids – 09/08/2015
51	001N Suspended Solids, Settleable Solids – 09/15/2015
52	001N Suspended Solids, Settleable Solids – 09/22/2015
53	001D Mercury – 07/08/2015 to 09/02/2015 Composite 001F Mercury – 07/05/2015 to 07/12/2015 Composite 001H, Unit 1 Mercury – 07/07/2015 to 09/15/2015 Composite 001H, Unit 2 Mercury – 07/07/2015 to 09/15/2015 Composite 001L, Unit 1 Mercury – 07/01/2015 to 09/09/2015 Composite 001L, Unit 2 Mercury – 07/01/2015 to 09/09/2015 Composite
54	001D Metals – 07/08/2015 to 09/02/2015 Composite
55 – 56	Intake, Discharge 001 Ammonia as Nitrogen – 07/14/2015
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Certificate of Analysis

Sample ID: A5G0191-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/01/15 - 09:18
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.30**	0.24	5.0	mg/L	1	A507853	07/14/15	07/15/15	J

Certificate of Analysis

Sample ID: A5G0191-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/01/15 - 09:30
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.89**	0.24	5.0	mg/L	1	A507853	07/14/15	07/15/15	J

Certificate of Analysis

Sample ID: A5G0191-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/01/15 - 09:42
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.59**	0.24	5.0	mg/L	1	A507853	07/14/15	07/15/15	J

Certificate of Analysis

Sample ID: A5G1171-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/10/15 - 09:36
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.99**	0.24	5.0	mg/L	1	A508198	07/21/15	07/22/15	J

Certificate of Analysis

Sample ID: A5G1171-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/10/15 - 09:48
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**2.7**	0.24	5.0	mg/L	1	A508198	07/21/15	07/22/15	J

Certificate of Analysis

Sample ID: A5G1171-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/10/15 - 10:00
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.50**	0.24	5.0	mg/L	1	A508198	07/21/15	07/22/15	J

Certificate of Analysis

Sample ID: A5G1348-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/14/15 - 09:41
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**2.1**	0.24	5.0	mg/L	1	A508198	07/21/15	07/22/15	J

Certificate of Analysis

Sample ID: A5G1348-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/14/15 - 09:53
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.29**	0.24	5.0	mg/L	1	A508198	07/21/15	07/22/15	J

Certificate of Analysis

Sample ID: A5G1348-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/14/15 - 10:05
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A508198	07/21/15	07/22/15	

Certificate of Analysis

Sample ID: A5G1885-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/20/15 - 10:18
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A508507	07/28/15	07/29/15	

Certificate of Analysis

Sample ID: A5G1885-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/20/15 - 10:30
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A508507	07/28/15	07/29/15	

Certificate of Analysis

Sample ID: A5G1885-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/20/15 - 10:42
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A508507	07/28/15	07/29/15	

Certificate of Analysis

Sample ID: A5G2604-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/28/15 - 10:45
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.39**	0.24	5.0	mg/L	1	A508874	08/05/15	08/06/15	J

Certificate of Analysis

Sample ID: A5G2604-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/28/15 - 10:57
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.59**	0.24	5.0	mg/L	1	A508874	08/05/15	08/06/15	J

Certificate of Analysis

Sample ID: A5G2604-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 07/28/15 - 11:09
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A508874	08/05/15	08/06/15	

Certificate of Analysis

Sample ID: A5H0443-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 08/04/15 - 11:11
Matrix: Water
Sample Type:

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.88**	0.24	5.0	mg/L	1	A509109	08/11/15	08/12/15	J

Certificate of Analysis

Sample ID: A5H0443-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 08/04/15 - 11:23
Matrix: Water
Sample Type:

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.49**	0.24	5.0	mg/L	1	A509109	08/11/15	08/12/15	J

Certificate of Analysis

Sample ID: A5H0443-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 08/04/15 - 11:35
Matrix: Water
Sample Type:

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.30**	0.24	5.0	mg/L	1	A509109	08/11/15	08/12/15	J

Certificate of Analysis

Sample ID: A5H1258-01
Sampled By: Jim M. Wysong
Sample Description: Decant Arm

Sample Date - Time: 08/12/15 - 11:30
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A509374	08/17/15	08/18/15	

Certificate of Analysis

Sample ID: A5H1258-02
Sampled By: Jim M. Wysong
Sample Description: Decant Arm

Sample Date - Time: 08/12/15 - 11:48
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.30**	0.24	5.0	mg/L	1	A509374	08/17/15	08/18/15	J

Certificate of Analysis

Sample ID: A5H1258-03
Sampled By: Jim M. Wysong
Sample Description: Decant Arm

Sample Date - Time: 08/12/15 - 12:03
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.59**	0.24	5.0	mg/L	1	A509374	08/17/15	08/18/15	J

Certificate of Analysis

Sample ID: A5H1685-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 08/17/15 - 08:24
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)									
Total Oil & Grease	EPA 1664A	ND	5.0	mg/L	1	A509670	08/22/15	08/23/15	

Certificate of Analysis

Sample ID: A5H1685-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 08/17/15 - 08:36
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)									
Total Oil & Grease	EPA 1664A	ND	5.0	mg/L	1	A509670	08/22/15	08/23/15	

Certificate of Analysis

Sample ID: A5I0032-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 08/28/15 - 08:48
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.39**	0.24	5.0	mg/L	1	A510334	09/04/15	09/06/15	J

Certificate of Analysis

Sample ID: A5I0032-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 08/28/15 - 08:57
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	1.1	0.24	5.0	mg/L	1	A510334	09/04/15	09/06/15	J

Certificate of Analysis

Sample ID: A5I0032-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 08/28/15 - 09:06
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.69**	0.24	5.0	mg/L	1	A510334	09/04/15	09/06/15	J

Certificate of Analysis

Sample ID: A5I0443-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/03/15 - 09:17
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.70**	0.24	5.0	mg/L	1	A510823	09/16/15	09/18/15	J

Certificate of Analysis

Sample ID: A5I0443-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/03/15 - 09:30
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	1.4	0.24	5.0	mg/L	1	A510823	09/16/15	09/18/15	J

Certificate of Analysis

Sample ID: A5I0443-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/03/15 - 09:40
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	1.4	0.24	5.0	mg/L	1	A510823	09/16/15	09/18/15	J

Certificate of Analysis

Sample ID: A5I0765-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/08/15 - 09:17
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.50**	0.24	5.0	mg/L	1	A510975	09/18/15	09/20/15	J

Certificate of Analysis

Sample ID: A5I0765-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/08/15 - 09:30
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.69**	0.24	5.0	mg/L	1	A510975	09/18/15	09/20/15	J

Certificate of Analysis

Sample ID: A5I0765-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/08/15 - 09:45
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.99**	0.24	5.0	mg/L	1	A510975	09/18/15	09/20/15	J

Certificate of Analysis

Sample ID: A5I1411-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/15/15 - 09:57
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A511045	09/21/15	09/22/15	

Certificate of Analysis

Sample ID: A5I1411-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/15/15 - 10:12
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.49**	0.24	5.0	mg/L	1	A511045	09/21/15	09/22/15	J

Certificate of Analysis

Sample ID: A5I1411-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/15/15 - 10:27
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.49**	0.24	5.0	mg/L	1	A511045	09/21/15	09/22/15	J

Certificate of Analysis

Sample ID: A5I2076-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/22/15 - 07:39
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.50**	0.24	5.0	mg/L	1	A511317	09/26/15	09/27/15	J

Certificate of Analysis

Sample ID: A5I2076-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/22/15 - 07:49
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.50**	0.24	5.0	mg/L	1	A511317	09/26/15	09/27/15	J

Certificate of Analysis

Sample ID: A5I2076-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 09/22/15 - 08:00
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.81**	0.24	5.0	mg/L	1	A511317	09/26/15	09/27/15	J

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-3726
Date/Time Rec'd: 7/1/15 1422

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**7/1/15 0918**	Suspended Solids	SM 2540 D.	**8.**	2.57	3.	1	mg/L	**07/02/15**
-2	**Decant Arm**	**7/1/15 0930**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/01/15**

SUB Oil & Grease

Report Completion date: **7/3/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

State of California CDPH ELAP 2661

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-3743-1	**7/2/2015**	Suspended Solids	SM 2540D	57.	mg/L		
Duplicate	**15-3743-1**	**7/2/2015**	Suspended Solids Dup.	SM 2540D	67.	mg/L		**< 5% of Average**
					118% Rec			
Blank	ASTM II water	**7/2/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-3926
Date/Time Rec'd: 7/10/15 1416

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**7/10/15 0936**	Suspended Solids	SM 2540 D.	**5.**	2.57	3.	1	mg/L	**07/14/15**
-2	**Decant Arm**	**7/10/15 0950**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/10/15**

SUB Oil & Grease

Report Completion date: **7/15/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

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MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-3970-1	**7/14/2015**	Suspended Solids	SM 2540D	16.	mg/L		
Duplicate	**15-3970-1**	**7/14/2015**	Suspended Solids Dup.	SM 2540D	16.	mg/L		**< 5% of Average**
					100% Rec			
Blank	ASTM II water	**7/14/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-3985
Date/Time Rec'd: 7/14/15 1402

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**7/14/15 0941**	Suspended Solids	SM 2540 D.	**15.**	2.57	3.	1	mg/L	**07/15/15**
-2	**Decant Arm**	**7/14/15 1000**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/14/15**

SUB Oil & Grease

Report Completion date: **7/15/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-3991-2	**7/15/2015**	Suspended Solids	SM 2540D	27.	mg/L		
Duplicate	**15-3991-2**	**7/15/2015**	Suspended Solids Dup.	SM 2540D	28.	mg/L		**< 5% of Average**
					104% Rec			
Blank	ASTM II water	**7/15/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-4117
Date/Time Rec'd: 7/20/15 1432

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**7/20/15 1018**	Suspended Solids	SM 2540 D.	**4.**	2.57	3.	1	mg/L	**07/22/15**
-2	**Decant Arm**	**7/20/15 1030**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/20/15**

SUB Oil & Grease

Report Completion date: **7/22/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL
* Result detected below the RL are estimated concentration
DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.
RL = Reporting Limit
MDL = Method Detection Limit
ppm = parts per million
mg/L = milligrams per liter (ppm)
MPN = Most Probable Number
NTU = Turbidity Units
mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-4109-2	**7/21/2015**	Suspended Solids	SM 2540D	38.	mg/L		
Duplicate	**15-4109-2**	**7/21/2015**	Suspended Solids Dup.	SM 2540D	34.	mg/L		**< 5% of Average**
					89% Rec			
Blank	ASTM II water	**7/21/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-4271
Date/Time Rec'd: 7/28/15 1428

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**7/28/15 1045**	Suspended Solids	SM 2540 D.	**13.**	2.57	3.	1	mg/L	**07/29/15**
-2	**Decant Arm**	**7/28/15 1100**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/28/15**

SUB Oil & Grease

Report Completion date: **7/29/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-4245-3	**7/29/2015**	Suspended Solids	SM 2540D	612.	mg/L		
Duplicate	**15-4245-3**	**7/29/2015**	Suspended Solids Dup.	SM 2540D	624.	mg/L		**< 5% of Average**
					102% Rec			
Blank	ASTM II water	**7/29/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-4405
Date/Time Rec'd: 8/4/15 1450

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**8/4/15 1111**	Suspended Solids	SM 2540 D.	**14.**	2.57	3.	1	mg/L	**08/06/15**
-2	**Decant Arm**	**8/4/15 1130**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**08/05/15**

SUB Oil & Grease

Report Completion date: **8/6/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-4412-1	**8/6/2015**	Suspended Solids	SM 2540D	284.	mg/L		
Duplicate	**15-4412-1**	**8/6/2015**	Suspended Solids Dup.	SM 2540D	292.	mg/L		**< 5% of Average**
					103% Rec			
Blank	ASTM II water	**8/6/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-4609
Date/Time Rec'd: 8/12/15 1559

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**8/12/15 1130**	Suspended Solids	SM 2540 D.	**7.**	2.57	3.	1	mg/L	**08/13/15**
-2	**Decant Arm**	**8/12/15 1200**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**08/13/15**

SUB Oil & Grease

Report Completion date: **8/17/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-4612-3	**8/13/2015**	Suspended Solids	SM 2540D	260.	mg/L		
Duplicate	**15-4612-3**	**8/13/2015**	Suspended Solids Dup.	SM 2540D	252.	mg/L		**< 5% of Average**
					97% Rec			
Blank	ASTM II water	**8/13/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-4687
Date/Time Rec'd: 8/17/15 1540

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**8/17/15 0812**	Suspended Solids	SM 2540 D.	**8.**	2.57	3.	1	mg/L	**08/19/15**
-2	**Decant Arm**	**8/17/15 0830**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**08/17/15**

SUB Oil & Grease

Report Completion date: **8/20/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-4716-1	**8/19/2015**	Suspended Solids	SM 2540D	28.	mg/L		
Duplicate	**15-4716-1**	**8/19/2015**	Suspended Solids Dup.	SM 2540D	27.	mg/L	96.4	**< 5% of Average**
Blank	ASTM II water	**8/19/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-4902
Date/Time Rec'd: 8/28/15 1411

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**8/28/15 0848**	Suspended Solids	SM 2540 D.	**10.**	2.57	3.	1	mg/L	**09/01/15**
-2	**Decant Arm**	**8/28/15 0900**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**08/28/15**

SUB Oil & Grease

Report Completion date: **9/2/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-4927-3	**9/1/2015**	Suspended Solids	SM 2540D	392.	mg/L		
Duplicate	**15-4927-3**	**9/1/2015**	Suspended Solids Dup.	SM 2540D	406.	mg/L		**< 5% of Average**
					96.6% Rec			
Blank	ASTM II water	**9/1/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-5026
Date/Time Rec'd: 9/3/15 1435

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**9/3/15 0917**	Suspended Solids	SM 2540 D.	**26.**	2.57	3.	1	mg/L	**09/09/15**
-2	**Decant Arm**	**9/3/15 0930**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**09/03/15**

SUB Oil & Grease

Report Completion date: **9/9/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-5052-2	**9/9/2015**	Suspended Solids	SM 2540D	103.	mg/L		
Duplicate	**15-5052-2**	**9/9/2015**	Suspended Solids Dup.	SM 2540D	105.	mg/L		**< 5% of Average**
					98% Rec			
Blank	ASTM II water	**9/9/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-5084
Date/Time Rec'd: 9/8/15 1402

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**9/8/15 0917**	Suspended Solids	SM 2540 D.	**5.**	2.57	3.	1	mg/L	**09/09/15**
-2	**Decant Arm**	**9/8/15 0940**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**09/08/15**

SUB Oil & Grease

Report Completion date: **9/9/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL
* Result detected below the RL are estimated concentration
DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.
RL = Reporting Limit
MDL = Method Detection Limit
ppm = parts per million
mg/L = milligrams per liter (ppm)
MPN = Most Probable Number
NTU = Turbidity Units
mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-5052-2	**9/9/2015**	Suspended Solids	SM 2540D	103.	mg/L		
Duplicate	**15-5052-2**	**9/9/2015**	Suspended Solids Dup.	SM 2540D	105.	mg/L		**< 5% of Average**
					98% Rec			
Blank	ASTM II water	**9/9/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-5254
Date/Time Rec'd: 9/15/15 1454

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**9/15/15 0957**	Suspended Solids	SM 2540 D.	**9.**	2.57	3.	1	mg/L	**09/16/15**
-2	**Decant Arm**	**9/15/15 1015**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**09/15/15**

SUB Oil & Grease

Report Completion date: **9/17/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-5281-3	**9/16/2015**	Suspended Solids	SM 2540D	720.	mg/L		
Duplicate	**15-5281-3**	**9/16/2015**	Suspended Solids Dup.	SM 2540D	625.	mg/L		**< 5% of Average**
					87% Rec			
Blank	ASTM II water	**9/16/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Abalone Coast Analytical, Inc.
141 Suburban Rd, Ste C-1 San Luis Obispo CA, 93401
Phone: 595-1080 Fax: 595-1080

Order #: 15-5401
Date/Time Rec'd: 9/22/15 1323

Diablo Canyon WWTP
320 Beta Court
Arroyo Grande, CA 93420
Project: DCWWTP

Contact: Jim Wysong
Phone: 550-1217
Sampler: Jim Wysong

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**9/22/15 0739**	Suspended Solids	SM 2540 D.	**14.**	2.57	3.	1	mg/L	**09/23/15**
-2	**Decant Arm**	**9/22/15 0800**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**09/22/15**

SUB Oil & Grease

Report Completion date: **9/25/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

DNQ = Detected, not quantified. This applies to trace values where analytes are detected between the MDL and the RL. This result is estimated or qualitative due to matrix background noise or values falling below the lowest point of a calibration curve.

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

Estimated (est) results are due to the sample dilutions being too high where the change in dissolved oxygen is such that it cannot be accurately quantified. Actual BOD may be slighly higher than indicated.

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-5420-1	**9/23/2015**	Suspended Solids	SM 2540D	100.	mg/L		
Duplicate	**15-5420-1**	**9/23/2015**	Suspended Solids Dup.	SM 2540D	104.	mg/L		**< 5% of Average**
					104% Rec			
Blank	ASTM II water	**9/23/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Client Sample Results

Client: PG&E Corporation
Project/Site: Diablo Canyon Power Plant

TestAmerica Job ID: 160-13995-1

Client Sample ID: 001F OWS 3RD QTR 2015 COMPOSITE — **Lab Sample ID: 160-13995-1**
Date Collected: 09/23/15 10:00 — **Matrix: Water**
Date Received: 09/28/15 09:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^	0.20	0.050	ug/L		09/29/15 11:56	09/30/15 09:47	1

Client Sample ID: 001H U-1 CDRS 3RD QTR 2015 COMPOSITE — **Lab Sample ID: 160-13995-2**
Date Collected: 09/23/15 10:00 — **Matrix: Water**
Date Received: 09/28/15 09:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^	0.20	0.050	ug/L		09/29/15 11:56	09/30/15 09:54	1

Client Sample ID: 001H U-2 CDRS 3RD QTR 2015 COMPOSITE — **Lab Sample ID: 160-13995-3**
Date Collected: 09/23/15 10:00 — **Matrix: Water**
Date Received: 09/28/15 09:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^	0.20	0.050	ug/L		09/29/15 11:56	09/30/15 09:56	1

Client Sample ID: 001L U-1 SGBD 3RD QTR 2015 COMPOSITE — **Lab Sample ID: 160-13995-4**
Date Collected: 09/23/15 10:00 — **Matrix: Water**
Date Received: 09/28/15 09:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^	0.20	0.050	ug/L		09/29/15 11:56	09/30/15 09:58	1

Client Sample ID: 001L U-2 SGBD 3RD QTR 2015 COMPOSITE — **Lab Sample ID: 160-13995-5**
Date Collected: 09/23/15 10:00 — **Matrix: Water**
Date Received: 09/28/15 09:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^	0.20	0.050	ug/L		09/29/15 11:56	09/30/15 10:00	1

Client Sample ID: 001D LRW 3RD QTR 2015 COMPOSITE — **Lab Sample ID: 160-13995-6**
Date Collected: 09/23/15 10:00 — **Matrix: Water**
Date Received: 09/28/15 09:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^	0.20	0.050	ug/L		09/29/15 11:56	09/30/15 10:02	1

Client Sample ID: 001D LRW 3RD QTR 2015 COMPOSITE **Lab Sample ID: 160-13994-1**
Date Collected: 09/23/15 10:00 **Matrix: Water**
Date Received: 09/28/15 09:40

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.17**	**J**	1.0	0.10	ug/L		10/02/15 13:50	10/11/15 18:53	1
Cadmium	**0.17**		0.10	0.043	ug/L		10/02/15 13:50	10/11/15 18:53	1
Chromium	**3.7**		2.0	1.0	ug/L		10/02/15 13:50	10/11/15 18:53	1
Copper	**5.1**		1.0	0.50	ug/L		10/02/15 13:50	10/11/15 18:53	1
Nickel	**4.3**	**B**	1.0	0.40	ug/L		10/02/15 13:50	10/11/15 18:53	1
Lead	**0.71**		0.30	0.060	ug/L		10/02/15 13:50	10/11/15 18:53	1
Zinc	**150**		20	2.8	ug/L		10/02/15 13:50	10/11/15 18:53	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.080	ug/L		10/01/15 12:01	10/01/15 17:13	1

BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: Diablo Canyon Power Plant
Contact: Rich Dong
Address: 4340 Old Santa Fe Road
San Luis Obispo, CA 93401

Report Date: 11-Aug-2015

Project Name: Diablo Canyon Power Plant-C
Project Number: NPDES / Avila Beach, CA

Work Order Number: B5G1713

Received on Ice (Y/N): Yes Temp: 1 °C

Laboratory Reference Number
B5G1713-01

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
Intake	Liquid	07/14/15 10:05	07/15/15 10:34

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients								
Ammonia-Nitrogen	0.11	0.10	0.059	mg/L	SM4500NH3H	08/10/15 15:35	sll	

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

CA ELAP No. 2698
EPA no. CA00102
LACSD No., 10119

Client Name: Diablo Canyon Power Plant
Contact: Rich Dong
Address: 4340 Old Santa Fe Road
San Luis Obispo, CA 93401

Report Date: 11-Aug-2015

Analytical Report: Page 3 of 6
Project Name: Diablo Canyon Power Plant-C
Project Number: NPDES / Avila Beach, CA

Work Order Number: B5G1713

Received on Ice (Y/N): Yes Temp: 1 °C

Laboratory Reference Number
B5G1713-02

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
Discharge	Liquid	07/14/15 10:15	07/15/15 10:34

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients								
Ammonia-Nitrogen	0.13	0.10	0.059	mg/L	SM4500NH3H	08/10/15 15:37	sll	

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

CA ELAP No. 2698
EPA no. CA00102
LACSD No., 10119

aquatic bioassay & consulting laboratories, inc

September 8, 2015

Mr. Jim Kelly
PG&E- Diablo Canyon Power Plant
9 Miles NW Avila Beach
Avila Beach, CA 93424

Dear Mr. Kelly:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Guidelines for Performing Static Acute Fish Bioassays in Municipal and Industrial Waste Waters* as provided to us by Frederic R. Kopperdahl, Fish and Wildlife Water Pollution Control Laboratory, Department of Fish and Game. "All acceptability criteria were met and the concentration-response was normal. This is a valid test." Results were as follows:

CLIENT:	PG&E- Diablo Canyon Power Plant
SAMPLE I.D.:	Discharge 001- Acute
DATE RECEIVED:	12 Aug - 2015
ABC LAB. NO.:	PGE0815.202

ACUTE ABALONE SURVIVAL BIOASSAY

LC50	=	100 % Survival in 100 % Sample
TUa	=	0.00

Yours very truly,

Scott Johnson
Laboratory Director

CETIS Summary Report

96 Hour Red Abalone Survival — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	15-1715-8764	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	12 Aug-15 13:45	**Protocol:**	Kopperdahl (1976)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Aug-15 12:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	01-6733-3023	**Code:**	PGE0815.202	**Client:**	Pacific Gas & Electric Co.
Sample Date:	11 Aug-15 10:15	**Material:**	Sample Water	**Project:**	Toxicity Testing
Receive Date:	12 Aug-15 10:15	**Source:**	Bioassay Report		
Sample Age:	27h (15.2 °C)	**Station:**	Discharge 001- Acute		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
00-9496-0842	96h Survival Rate	100	>100	NA	NA	1	Fisher Exact Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
12-0253-6455	96h Survival Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

96h Survival Rate Summary

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	2	1	1	1	1	1	0	0	0.0%	0.0%
100		2	1	1	1	1	1	0	0	0.0%	0.0%

96h Survival Rate Detail

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	1	1
100		1	1

96h Survival Rate Binomials

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	20/20	20/20
100		20/20	20/20

CETIS Analytical Report

96 Hour Red Abalone Survival					Aquatic Bioassay & Consulting Labs, Inc.
Analysis ID:	12-0253-6455	Endpoint:	96h Survival Rate	CETIS Version:	CETISv1.8.7
Analyzed:	04 Sep-15 14:39	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	0	280	Yes	Two-Point Interpolation

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	NA	NA
EC10	>100	N/A	N/A	<1	NA	NA
EC15	>100	N/A	N/A	<1	NA	NA
EC20	>100	N/A	N/A	<1	NA	NA
EC25	>100	N/A	N/A	<1	NA	NA
EC40	>100	N/A	N/A	<1	NA	NA
EC50	>100	N/A	N/A	<1	NA	NA

96h Survival Rate Summary

			Calculated Variate(A/B)								
C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	2	1	1	1	0	0	0.0%	0.0%	40	40
100		2	1	1	1	0	0	0.0%	0.0%	40	40

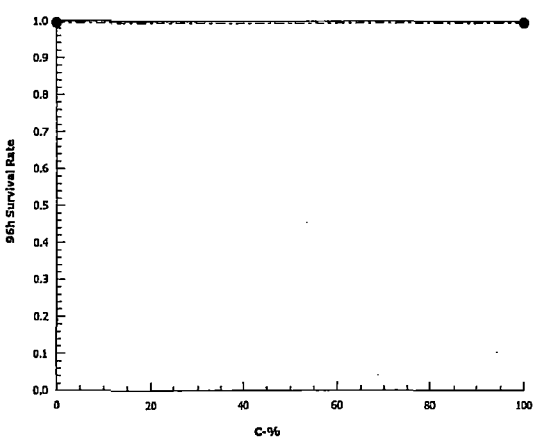
96h Survival Rate Detail

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	1	1
100		1	1

96h Survival Rate Binomials

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	20/20	20/20
100		20/20	20/20

Graphics



CETIS Analytical Report

Test Code: PGE0815.202 | 04-1119-9372

96 Hour Red Abalone Survival — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	00-9496-0842	Endpoint:	96h Survival Rate	CETIS Version:	CETISv1.8.7
Analyzed:	04 Sep-15 14:39	Analysis:	Single 2x2 Contingency Table	Official Results:	Yes

Data Transform	Zeta	Alt Hyp	Trials	Seed	Test Result
Untransformed		C > T	NA	NA	Passes 96h survival rate

Fisher Exact Test

Control	vs	C-%	Test Stat	P-Value	P-Type	Decision(α:5%)
Negative Control		100	1	1.0000	Exact	Non-Significant Effect

Data Summary

C-%	Control Type	NR	R	NR + R	Prop NR	Prop R	%Effect
0	Negative Contr	40	0	40	1	0	0.0%
100		40	0	40	1	0	0.0%

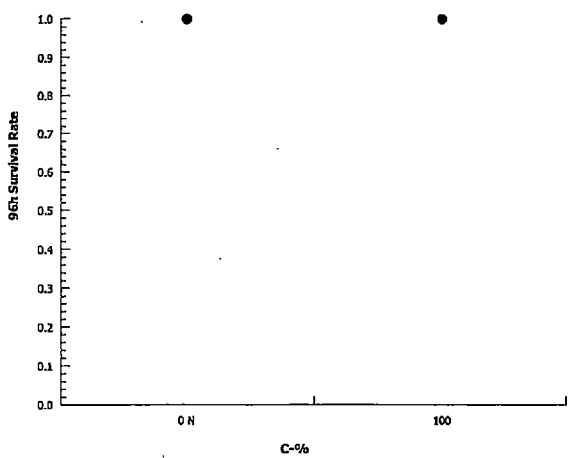
96h Survival Rate Detail

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	1	1
100		1	1

96h Survival Rate Binomials

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	20/20	20/20
100		20/20	20/20

Graphics



 Analyst:_____ QA:_____

CETIS Measurement Report

96 Hour Red Abalone Survival — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	15-1715-8764	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	12 Aug-15 13:45	**Protocol:**	Kopperdahl (1976)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Aug-15 12:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	01-6733-3023	**Code:**	PGE0815.202	**Client:**	Pacific Gas & Electric Co.
Sample Date:	11 Aug-15 10:15	**Material:**	Sample Water	**Project:**	Toxicity Testing
Receive Date:	12 Aug-15 10:15	**Source:**	Bioassay Report		
Sample Age:	27h (15.2 °C)	**Station:**	Discharge 001- Acute		

Dissolved Oxygen-mg/L

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	10	7.62	7.375	7.865	7	7.9	0.1083	0.3425	4.5%	0
100		10	7.66	7.481	7.839	7.2	7.9	0.07916	0.2503	3.27%	0
Overall		20	7.64			7	7.9				0 (0%)

pH-Units

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	10	7.43	7.308	7.552	7.2	7.7	0.05385	0.1703	2.29%	0
100		10	7.53	7.361	7.699	7.3	7.8	0.07461	0.2359	3.13%	0
Overall		20	7.48			7.2	7.8				0 (0%)

Salinity-ppt

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	10	34	34	34	34	34	0	0	0.0%	0
100		10	34	34	34	34	34	0	0	0.0%	0
Overall		20	34			34	34				0 (0%)

Temperature-°C

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	10	14.44	14.13	14.75	14.1	15.3	0.1384	0.4377	3.03%	0
100		10	14.37	14.2	14.54	14.1	14.8	0.07311	0.2312	1.61%	0
Overall		20	14.41			14.1	15.3				0 (0%)

Dissolved Oxygen-mg/L

C-%	Control Type	1	2	3	4	5	6	7	8	9	10
0	Negative Contr	7	7	7.6	7.6	7.8	7.8	7.8	7.8	7.9	7.9
100		7.2	7.2	7.7	7.9	7.7	7.7	7.8	7.8	7.8	7.8

pH-Units

C-%	Control Type	1	2	3	4	5	6	7	8	9	10
0	Negative Contr	7.7	7.7	7.2	7.3	7.3	7.3	7.4	7.4	7.5	7.5
100		7.8	7.8	7.3	7.4	7.3	7.3	7.4	7.4	7.8	7.8

Salinity-ppt

C-%	Control Type	1	2	3	4	5	6	7	8	9	10
0	Negative Contr	34	34	34	34	34	34	34	34	34	34
100		34	34	34	34	34	34	34	34	34	34

Temperature-°C

C-%	Control Type	1	2	3	4	5	6	7	8	9	10
0	Negative Contr	15.2	15.3	14.4	14.3	14.2	14.2	14.1	14.1	14.3	14.3
100		14.8	14.7	14.4	14.4	14.4	14.3	14.3	14.2	14.1	14.1

aquatic bioassay & consulting laboratories, inc

September 8, 2015

Mr. Jim Kelly
PG&E- Diablo Canyon Power Plant
9 Miles NW Avila Beach
Avila Beach, CA 93424

Dear Mr. Kelly:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-R-95/136.* "All acceptability criteria were met and the concentration-response was normal. This is a valid test." Results were as follows:

CLIENT:	PG&E- Diablo Canyon Power Plant
SAMPLE I.D.:	Discharge 001
DATE RECEIVED:	12 Aug - 2015
ABC LAB. NO.:	PGE0815.203

CHRONIC ABALONE LARVAL DEVELOPMENT BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
EC25	=	>100.00 %
EC50	=	>100.00 %

Yours very truly,

Scott Johnson
Laboratory Director

CETIS Summary Report

Red Abalone Larval Development Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	11-2347-6760	**Test Type:**	Development	**Analyst:**	
Start Date:	12 Aug-15 12:48	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	14 Aug-15 12:45	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	13-2627-3465	**Code:**	PGE0815.203abs	**Client:**	Pacific Gas & Electric Co.
Sample Date:	11 Aug-15 10:15	**Material:**	Sample Water	**Project:**	Toxicity Testing
Receive Date:	12 Aug-15 10:15	**Source:**	Bioassay Report		
Sample Age:	27h (12.5 °C)	**Station:**	Discharge 001		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
12-5557-0199	Proportion Normal	100	>100	NA	NA	1	Fisher Exact Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
15-4001-2888	Proportion Normal	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
12-5557-0199	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
15-4001-2888	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria

Proportion Normal Summary

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	5	1	1	1	1	1	0	0	0.0%	0.0%
10		5	1	1	1	1	1	0	0	0.0%	0.0%
18		5	1	1	1	1	1	0	0	0.0%	0.0%
32		5	1	1	1	1	1	0	0	0.0%	0.0%
56		5	1	1	1	1	1	0	0	0.0%	0.0%
100		5	1	1	1	1	1	0	0	0.0%	0.0%

Proportion Normal Detail

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
10		1	1	1	1	1
18		1	1	1	1	1
32		1	1	1	1	1
56		1	1	1	1	1
100		1	1	1	1	1

Proportion Normal Binomials

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	100/100	100/100	100/100	100/100	100/100
10		100/100	100/100	100/100	100/100	100/100
18		100/100	100/100	100/100	100/100	100/100
32		100/100	100/100	100/100	100/100	100/100
56		100/100	100/100	100/100	100/100	100/100
100		100/100	100/100	100/100	100/100	100/100

Red Abalone Larval Development Test					Aquatic Bioassay & Consulting Labs, Inc.
Analysis ID:	15-4001-2888	Endpoint:	Proportion Normal	CETIS Version:	CETISv1.8.7
Analyzed:	04 Sep-15 14:25	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	0	280	Yes	Two-Point Interpolation

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	NA	NA
EC10	>100	N/A	N/A	<1	NA	NA
EC15	>100	N/A	N/A	<1	NA	NA
EC20	>100	N/A	N/A	<1	NA	NA
EC25	>100	N/A	N/A	<1	NA	NA
EC40	>100	N/A	N/A	<1	NA	NA
EC50	>100	N/A	N/A	<1	NA	NA

Proportion Normal Summary

			Calculated Variate(A/B)								
C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	5	1	1	1	0	0	0.0%	0.0%	500	500
10		5	1	1	1	0	0	0.0%	0.0%	500	500
18		5	1	1	1	0	0	0.0%	0.0%	500	500
32		5	1	1	1	0	0	0.0%	0.0%	500	500
56		5	1	1	1	0	0	0.0%	0.0%	500	500
100		5	1	1	1	0	0	0.0%	0.0%	500	500

Proportion Normal Detail

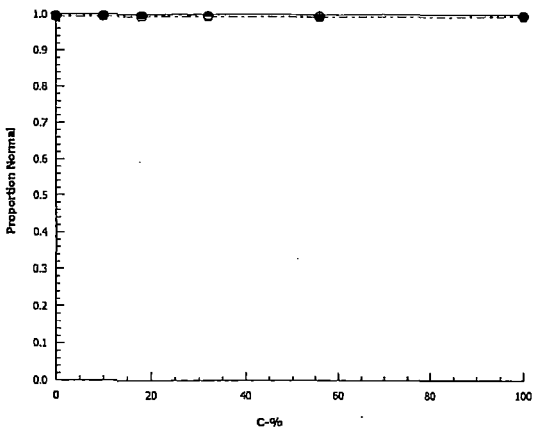
C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
10		1	1	1	1	1
18		1	1	1	1	1
32		1	1	1	1	1
56		1	1	1	1	1
100		1	1	1	1	1

Proportion Normal Binomials

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	100/100	100/100	100/100	100/100	100/100
10		100/100	100/100	100/100	100/100	100/100
18		100/100	100/100	100/100	100/100	100/100
32		100/100	100/100	100/100	100/100	100/100
56		100/100	100/100	100/100	100/100	100/100
100		100/100	100/100	100/100	100/100	100/100

Red Abalone Larval Development Test				Aquatic Bioassay & Consulting Labs, Inc.	
Analysis ID:	15-4001-2888	Endpoint:	Proportion Normal	CETIS Version:	CETISv1.8.7
Analyzed:	04 Sep-15 14:25	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes

Graphics



CETIS Analytical Report

Test Code: PGE0815.203abs | 16-8612-2137

Red Abalone Larval Development Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	12-5557-0199	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	04 Sep-15 14:25	**Analysis:**	Single 2x2 Contingency Table	**Official Results:**	Yes

Data Transform	Zeta	Alt Hyp	Trials	Seed	NOEL	LOEL	TOEL	TU
Untransformed		C > T	NA	NA	100	>100	NA	1

Fisher Exact Test

Control	vs	C-%	Test Stat	P-Value	P-Type	Decision(α:5%)
Negative Control		10	1	1.0000	Exact	Non-Significant Effect
		18	1	1.0000	Exact	Non-Significant Effect
		32	1	1.0000	Exact	Non-Significant Effect
		56	1	1.0000	Exact	Non-Significant Effect
		100	1	1.0000	Exact	Non-Significant Effect

Data Summary

C-%	Control Type	NR	R	NR + R	Prop NR	Prop R	%Effect
0	Negative Contr	500	0	500	1	0	0.0%
10		500	0	500	1	0	0.0%
18		500	0	500	1	0	0.0%
32		500	0	500	1	0	0.0%
56		500	0	500	1	0	0.0%
100		500	0	500	1	0	0.0%

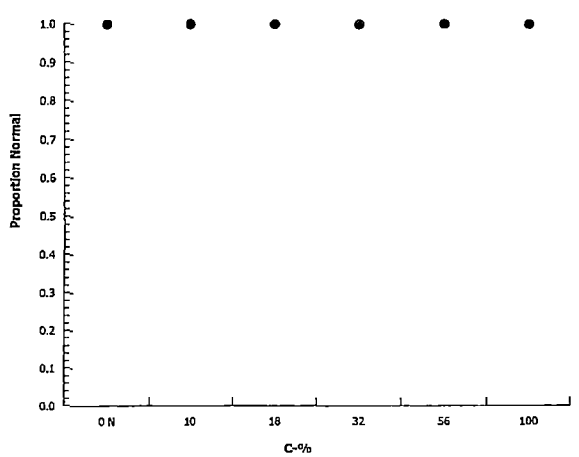
Proportion Normal Detail

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
10		1	1	1	1	1
18		1	1	1	1	1
32		1	1	1	1	1
56		1	1	1	1	1
100		1	1	1	1	1

Proportion Normal Binomials

C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	100/100	100/100	100/100	100/100	100/100
10		100/100	100/100	100/100	100/100	100/100
18		100/100	100/100	100/100	100/100	100/100
32		100/100	100/100	100/100	100/100	100/100
56		100/100	100/100	100/100	100/100	100/100
100		100/100	100/100	100/100	100/100	100/100

Graphics



 Analyst:_____ QA:_____

CETIS Measurement Report

Red Abalone Larval Development Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	11-2347-6760	**Test Type:**	Development	**Analyst:**	
Start Date:	12 Aug-15 12:48	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	14 Aug-15 12:45	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	13-2627-3465	**Code:**	PGE0815.203abs	**Client:**	Pacific Gas & Electric Co.
Sample Date:	11 Aug-15 10:15	**Material:**	Sample Water	**Project:**	Toxicity Testing
Receive Date:	12 Aug-15 10:15	**Source:**	Bioassay Report		
Sample Age:	27h (12.5 °C)	**Station:**	Discharge 001		

Parameter Acceptability Criteria

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.7	14.7	14 - 16	Yes	Results Within Limits

Dissolved Oxygen-mg/L

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.15	-2.38	16.68	6.4	7.9	0.75	1.061	14.83%	0
10		2	6.6	-6.106	19.31	5.6	7.6	1	1.414	21.43%	0
18		2	6.9	-3.265	17.06	6.1	7.7	0.8	1.131	16.4%	0
32		2	7	-3.165	17.16	6.2	7.8	0.8	1.131	16.16%	0
56		2	6.85	-1.409	15.11	6.2	7.5	0.65	0.9192	13.42%	0
100		2	6.35	-4.45	17.15	5.5	7.2	0.85	1.202	18.93%	0
Overall		12	6.808			5.5	7.9				0 (0%)

pH-Units

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
10		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
18		2	7.9	7.884	7.916	7.9	7.9	0	0	0.0%	0
32		2	7.9	7.884	7.916	7.9	7.9	0	0	0.0%	0
56		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
100		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
Overall		12	7.85			7.7	7.9				0 (0%)

Salinity-ppt

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
10		2	34	34	34	34	34	0	0	0.0%	0
18		2	34	34	34	34	34	0	0	0.0%	0
32		2	34	34	34	34	34	0	0	0.0%	0
56		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
10		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
18		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
32		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
56		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
100		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
Overall		12	14.7			14.7	14.7				0 (0%)

Red Abalone Larval Development Test — Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

C-%	Control Type	1	2
0	Negative Contr	7.9	6.4
10		7.6	5.6
18		7.7	6.1
32		7.8	6.2
56		7.5	6.2
100		7.2	5.5

pH-Units

C-%	Control Type	1	2
0	Negative Contr	7.7	7.8
10		7.9	7.8
18		7.9	7.9
32		7.9	7.9
56		7.8	7.9
100		7.8	7.9

Salinity-ppt

C-%	Control Type	1	2
0	Negative Contr	34	34
10		34	34
18		34	34
32		34	34
56		34	34
100		34	34

Temperature-°C

C-%	Control Type	1	2
0	Negative Contr	14.7	14.7
10		14.7	14.7
18		14.7	14.7
32		14.7	14.7
56		14.7	14.7
100		14.7	14.7

CHAIN OF CUSTODY RECORD

Client:	Project Name/Number:
Pacific Gas & Electric Co	**Toxicity Testing**
Address: **9 Miles NW Avila Beach, Avila Beach, Ca. 93424**	Project Mgr: **Jim Kelly**
	P.O. #
Phone Number: **(805) 545-3194**	Sampled By:*(signature)* Kevin Webb

Date	Time	Comp	Grab	Matrix	Sample ID	Volume / Number	Acute Toxicity	Chronic Toxicity				Temp - °C	Chlorine	Ammonia			Comments
8/11/2015	1015		X	**Seawater**	**Discharge 001**	**428/ 5 gal**	X					15.2	<0.1	0.0			
8/11/2015	1015	X		**Seawater**	**Discharge 001**	**429/ 1 gal**		X				12.5	<0.1	0.1			

Relinquished By:*(signature)*	Date / Time	Relinquished By:*(signature)*	Date / Time
Kevin Webb	8-11-15 / 1045		
Received By:*(signature)*	**Date / Time**	**Received By:***(signature)*	**Date / Time**
[illegible]	8-12-15 / 1015	Temperature upon sample receipt: _____ degrees C	

Aquatic Bioassay and Consulting Labortories
29 N. Olive Street Ventura, Ca. 93001 Phone: (805) 643-5621 Fax: (805) 643-2930

aquatic bioassay & consulting laboratories, inc

CHRONIC ABALONE DEVELOPMENT BIOASSAY

DATE: 12 August 2015

STANDARD TOXICANT: Zinc

NOEC = 56.00 ug/l

EC25 = 67.00 ug/l
EC50 = 78.00 ug/l

Yours very truly,

Scott Johnson
Laboratory Director

29 north olive st. ventura, ca 93001 (805) 643 5621 www.aquabio.org

CETIS Summary Report

Red Abalone Larval Development Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	11-7161-1681	**Test Type:**	Development	**Analyst:**	
Start Date:	12 Aug-15 12:45	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	14 Aug-15 12:45	**Species:**	*Haliotis rufescens*	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	09-2339-7387	**Code:**	ABS081215	**Client:**	Internal Lab
Sample Date:	12 Aug-15 12:45	**Material:**	Zinc	**Project:**	REF TOX
Receive Date:		**Source:**	Reference Toxicant		
Sample Age:	NA	**Station:**	REF TOX		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
20-2737-7355	Proportion Normal	56	100	74.83	NA		Steel Many-One Rank Sum Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
18-3943-5057	Proportion Normal	EC5	58.2	58.2	58.2		Linear Interpolation (ICPIN)
		EC10	60.4	60.4	60.4		
		EC15	62.6	62.6	62.6		
		EC20	64.8	64.8	64.8		
		EC25	67	67	67		
		EC40	73.6	73.6	73.6		
		EC50	78	78	78		

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
18-3943-5057	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
20-2737-7355	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
20-2737-7355	Proportion Normal	NOEL	56	NL - 56	No	Above Acceptability Criteria

Proportion Normal Summary

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Negative Control	5	1	1	1	1	1	0	0	0.0%	0.0%
18		5	1	1	1	1	1	0	0	0.0%	0.0%
32		5	1	1	1	1	1	0	0	0.0%	0.0%
56		5	1	1	1	1	1	0	0	0.0%	0.0%
100		5	0	0	0	0	0	0	0		100.0%
180		5	0	0	0	0	0	0	0		100.0%

Proportion Normal Detail

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
18		1	1	1	1	1
32		1	1	1	1	1
56		1	1	1	1	1
100		0	0	0	0	0
180		0	0	0	0	0

Proportion Normal Binomials

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	100/100	100/100	100/100	100/100	100/100
18		100/100	100/100	100/100	100/100	100/100
32		100/100	100/100	100/100	100/100	100/100
56		100/100	100/100	100/100	100/100	100/100
100		0/100	0/100	0/100	0/100	0/100
180		0/100	0/100	0/100	0/100	0/100

Analyst: _____ QA: PASS

Red Abalone Larval Development Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 20-2737-7355 Endpoint: Proportion Normal CETIS Version: CETISv1.8.7
Analyzed: 04 Sep-15 10:29 Analysis: Nonparametric-Control vs Treatments Official Results: Yes

Data Transform	Zeta	Alt Hyp	Trials	Seed	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	56	100	74.83	

Steel Many-One Rank Sum Test

Control	vs	C-µg/L	Test Stat	Critical	Ties	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		18	27.5	17	1	8	0.7500	Asymp	Non-Significant Effect
		32	27.5	17	1	8	0.7500	Asymp	Non-Significant Effect
		56	27.5	17	1	8	0.7500	Asymp	Non-Significant Effect

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0	0	3	65540	<0.0001	Significant Effect
Error	0	0	16			
Total	0		19			

Proportion Normal Summary

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Control	5	1	1	1	1	1	1	0	0.0%	0.0%
18		5	1	1	1	1	1	1	0	0.0%	0.0%
32		5	1	1	1	1	1	1	0	0.0%	0.0%
56		5	1	1	1	1	1	1	0	0.0%	0.0%
100		5	0	0	0	0	0	0	0		100.0%
180		5	0	0	0	0	0	0	0		100.0%

Angular (Corrected) Transformed Summary

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contr	5	1.521	1.521	1.521	1.521	1.521	1.521	0	0.0%	0.0%
18		5	1.521	1.521	1.521	1.521	1.521	1.521	0	0.0%	0.0%
32		5	1.521	1.521	1.521	1.521	1.521	1.521	0	0.0%	0.0%
56		5	1.521	1.521	1.521	1.521	1.521	1.521	0	0.0%	0.0%
100		5	0.05002	0.05001	0.05003	0.05002	0.05002	0.05002	0	0.0%	96.71%
180		5	0.05002	0.05001	0.05003	0.05002	0.05002	0.05002	0	0.0%	96.71%

Proportion Normal Detail

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
18		1	1	1	1	1
32		1	1	1	1	1
56		1	1	1	1	1
100		0	0	0	0	0
180		0	0	0	0	0

Angular (Corrected) Transformed Detail

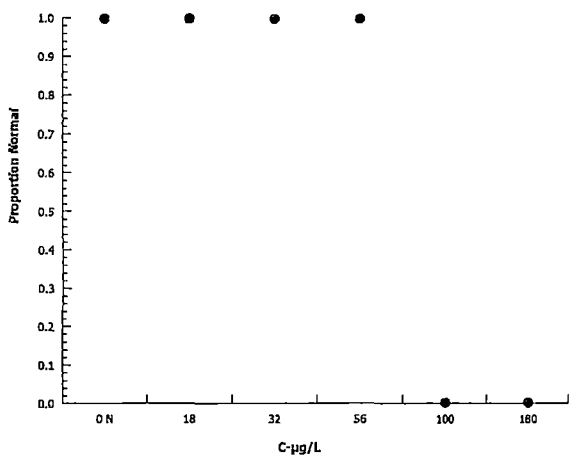
C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.521	1.521	1.521	1.521	1.521
18		1.521	1.521	1.521	1.521	1.521
32		1.521	1.521	1.521	1.521	1.521
56		1.521	1.521	1.521	1.521	1.521
100		0.05002	0.05002	0.05002	0.05002	0.05002
180		0.05002	0.05002	0.05002	0.05002	0.05002

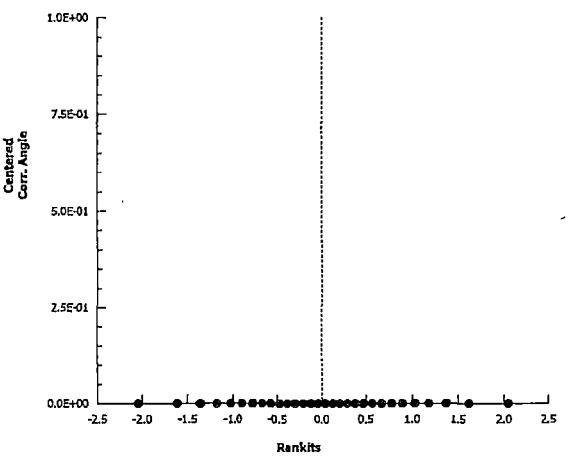
Red Abalone Larval Development Test				Aquatic Bioassay & Consulting Labs, Inc.
Analysis ID:	20-2737-7355	**Endpoint:** Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	04 Sep-15 10:29	**Analysis:** Nonparametric-Control vs Treatments	**Official Results:**	Yes

Proportion Normal Binomials

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	100/100	100/100	100/100	100/100	100/100
18		100/100	100/100	100/100	100/100	100/100
32		100/100	100/100	100/100	100/100	100/100
56		100/100	100/100	100/100	100/100	100/100
100		0/100	0/100	0/100	0/100	0/100
180		0/100	0/100	0/100	0/100	0/100

Graphics





Red Abalone Larval Development Test					Aquatic Bioassay & Consulting Labs, Inc.
Analysis ID:	18-3943-5057	Endpoint:	Proportion Normal	CETIS Version:	CETISv1.8.7
Analyzed:	04 Sep-15 10:29	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	0	280	Yes	Two-Point Interpolation

Point Estimates

Level	µg/L	95% LCL	95% UCL
EC5	58.2	58.2	58.2
EC10	60.4	60.4	60.4
EC15	62.6	62.6	62.6
EC20	64.8	64.8	64.8
EC25	67	67	67
EC40	73.6	73.6	73.6
EC50	78	78	78

Proportion Normal Summary

			Calculated Variate(A/B)								
C-µg/L	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	5	1	1	1	0	0	0.0%	0.0%	500	500
18		5	1	1	1	0	0	0.0%	0.0%	500	500
32		5	1	1	1	0	0	0.0%	0.0%	500	500
56		5	1	1	1	0	0	0.0%	0.0%	500	500
100		5	0	0	0	0	0		100.0%	0	500
180		5	0	0	0	0	0		100.0%	0	500

Proportion Normal Detail

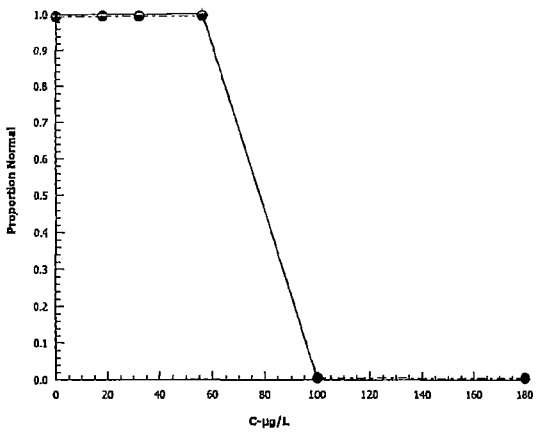
C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
18		1	1	1	1	1
32		1	1	1	1	1
56		1	1	1	1	1
100		0	0	0	0	0
180		0	0	0	0	0

Proportion Normal Binomials

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	100/100	100/100	100/100	100/100	100/100
18		100/100	100/100	100/100	100/100	100/100
32		100/100	100/100	100/100	100/100	100/100
56		100/100	100/100	100/100	100/100	100/100
100		0/100	0/100	0/100	0/100	0/100
180		0/100	0/100	0/100	0/100	0/100

Red Abalone Larval Development Test				Aquatic Bioassay & Consulting Labs, Inc.	
Analysis ID:	18-3943-5057	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	04 Sep-15 10:29	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Red Abalone Larval Development Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	11-7161-1681	**Test Type:**	Development	**Analyst:**	
Start Date:	12 Aug-15 12:45	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	14 Aug-15 12:45	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	09-2339-7387	**Code:**	ABS081215	**Client:**	Internal Lab
Sample Date:	12 Aug-15 12:45	**Material:**	Zinc	**Project:**	REF TOX
Receive Date:		**Source:**	Reference Toxicant		
Sample Age:	NA	**Station:**	REF TOX		

Parameter Acceptability Criteria

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.7	14.7	14 - 16	Yes	Results Within Limits

Dissolved Oxygen-mg/L

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.15	-2.38	16.68	6.4	7.9	0.75	1.061	14.83%	0
18		2	6.9	-5.806	19.61	5.9	7.9	1	1.414	20.5%	0
32		2	6.9	-5.806	19.61	5.9	7.9	1	1.414	20.5%	0
56		2	6.9	-5.806	19.61	5.9	7.9	1	1.414	20.5%	0
100		2	6.9	-5.806	19.61	5.9	7.9	1	1.414	20.5%	0
180		2	6.9	-5.806	19.61	5.9	7.9	1	1.414	20.5%	0
Overall		12	6.942			5.9	7.9				0 (0%)

pH-Units

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
18		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
32		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
56		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
100		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
180		2	7.75	7.115	8.385	7.7	7.8	0.05001	0.07072	0.91%	0
Overall		12	7.75			7.7	7.8				0 (0%)

Salinity-ppt

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
18		2	34	34	34	34	34	0	0	0.0%	0
32		2	34	34	34	34	34	0	0	0.0%	0
56		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
180		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
18		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
32		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
56		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
100		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
180		2	14.7	14.68	14.72	14.7	14.7	0	0	0.0%	0
Overall		12	14.7			14.7	14.7				0 (0%)

Red Abalone Larval Development Test — Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

C-µg/L	Control Type	1	2
0	Negative Contr	7.9	6.4
18		7.9	5.9
32		7.9	5.9
56		7.9	5.9
100		7.9	5.9
180		7.9	5.9

pH-Units

C-µg/L	Control Type	1	2
0	Negative Contr	7.7	7.8
18		7.7	7.8
32		7.7	7.8
56		7.7	7.8
100		7.7	7.8
180		7.7	7.8

Salinity-ppt

C-µg/L	Control Type	1	2
0	Negative Contr	34	34
18		34	34
32		34	34
56		34	34
100		34	34
180		34	34

Temperature-°C

C-µg/L	Control Type	1	2
0	Negative Contr	14.7	14.7
18		14.7	14.7
32		14.7	14.7
56		14.7	14.7
100		14.7	14.7
180		14.7	14.7