Pacific Gas and Electric Company®

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

Date: October 20, 2014

Electronic Submission
CIWQS Web Application

PG&E Letter DCL-2014-539

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 2014 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). Beginning this reporting period, 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:	2014 (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)
(reference page of report/data sheet):

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

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

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*

2014539/jlk/bkc

cc: PDF Formatted Copy of CIWQS Application Submittal:

Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011-4125

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 2014

REPORT ON DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

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OVERVIEW

1. During the third quarter of 2014, discharges occurred from Discharge Paths 001 (once through cooling water), 001B, 001D, 001E, 001F, 001G, 001H, 001L, 001N, 001P, and 002 through 005. No discharges occurred from Discharge Paths 001I, 001J, 001K, 001M, and 006 through 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 1990 California Ocean Plan were each analyzed for and reported in the permit renewal application for Diablo Canyon submitted in 1994. There have been no changes in the activities conducted at the plant that would have significantly affected the results previously reported in the 1994 renewal application. California Ocean Plan Table B substances that were not analyzed for this quarter were not added to the discharge stream.

3. Two events affected the results of continuous chlorine monitoring for Unit 2 at Discharge 001 during the third quarter. For each of these events, an engineering evaluation was subsequently completed; as authorized by the Regional Board in accordance with PG&E's January 5, 1994 letter. The event interval, affected monitor, number of affected results, the cause(s), and corrective action(s) taken have been tabulated below. The engineering evaluations were based on recorded chemical injection rates, and main condenser waterbox inlet chlorine monitoring results for the respective unit. These factors were used to calculate estimates of actual chlorine concentrations for the respective monitor at Discharge 001 during the event interval. The estimates were then used to replace results indicated by the affected monitor except in cases where the monitor result was greater. 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
07/21/14 to 08/01/14	Unit 2	30	Monitor upper flow block biofouling.	Flow block replaced and monitor recalibrated.
07/3014 to 08/06/14	Unit 1	7	Monitor upper flow block biofouling.	Flow block replaced and monitor recalibrated.

4. One sample taken for the 2014 second quarter was mistakenly incorporated into the third quarter metals composite sample for Discharge 001H. This unused sample aliquot from the Unit 1 Condensate Regeneration System obtained on 06/24/14 was inadvertently added to the discharge pathway composite being prepared for third quarter analysis. The presence of this sample aliquot in the 001H composite is reflected on the CIWQS application submittal Attachment 1 Worksheet 1 for Unit 1 Location 001H. It is unlikely the single inadvertently added aliquot significantly impacted the composite sample metals constituent analysis.

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

1. The results of the July, August, and September 2014 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 July 16 – 20, 2014, 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 July 23 - 25, 2014, 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 Game 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 of 250 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 a brief interruption in August for equipment maintenance activities.

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 two brief interruptions in August for equipment maintenance activities. Sodium bromide injections to Unit 2 were secured in mid-September in anticipation of the scheduled 2R18 refueling outage. Sodium hypochlorite injections continued through the remainder of the third quarter for microfouling control in the Unit 2 main steam condenser.

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 2014

Summary: Quarterly SMR (MONNPDES) report for Q3 2014 submitted by Kenneth Cortese (No Title) on 10/20/2014.

Facility Name: PG&E DIABLO CANYON POWER PLANT
Order Number: R3-1990-0009
Waterboad Office: Region 3 - Central Coast
Case Worker: Peter Von Langen
Report Effective Dates: 07/01/2014 - 09/30/2014

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		07/01/2014 - 09/30/2014	Plant Seawater Evaporators no longer in service.
Diablo M-001J		07/01/2014 - 09/30/2014	Condensate Pump Discharge Header not drained during 3Q14. No effluent discharged.
Diablo M-001K		07/01/2014 - 09/30/2014	Plant Condenser Tube Sheet Leak Detection Dump Tank no longer in service.
Diablo M-001L			
Diablo M-001M		07/01/2014 - 09/30/2014	
Diablo M-001N			
Diablo M-001P			
Diablo M-002			
Diablo M-003			
Diablo M-004			
Diablo M-005			
Diablo M-008		07/01/2014 - 09/30/2014	No storm water run-off or other precipitation discharge events during 3Q14.
Diablo M-009		07/01/2014 - 09/30/2014	No storm water run-off or other precipitation discharge events during 3Q14.
Diablo M-013		07/01/2014 - 09/30/2014	No storm water run-off or other precipitation discharge events during 3Q14.
Diablo M-015		07/01/2014 - 09/30/2014	No storm water run-off or other precipitation discharge events during 3Q14.
Diablo M-016		07/01/2014 - 09/30/2014	Bio Lab Seawater Supply Line Valve Box not drained during 3Q14. No effluent discharged.
Diablo M-017		07/01/2014 - 09/30/2014	Seawater RO System Blowdown Line not drained during 3Q14. Discharge rarely used.
Diablo M-INF			

Self-Determined Violations

No Violations Entered

Attachments

File Name	File Description	Date Uploaded	File Size
Attachment 1 - 2014 3rd Qtr DCPP NPDES Worksheets.pdf	Excel workbook for average calculations supporting 3Q14 SMR.	10/20/2014	173762 bytes
Attachment 2 - 2014 3rd Qtr DCPP NPDES Contract Lab Results.pdf	Excerpted pages from contract lab reports showing results that are used for eSMR.	10/15/2014	2849219 bytes

Cover Letter (Uploaded File)

Title	Date Uploaded	File Size
DCL2014539 3rd-Q 2014 DSMR Summary.pdf	10/20/2014	1119959 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)	07/15/2014 : 10:05:00	07/21/2014	DNQ	0.063	mg/L	.059		.1	No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_1014 2014.zip
M-001	Chromium (Total)	DU : Data Unavailable	07/03/2014 : 09:42:00	07/25/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_1014 2014.zip
M-001	Chromium (Total)	DU : Data Unavailable	08/05/2014 : 11:50:00	08/26/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_1014 2014.zip
M-001	Chromium (Total)	DU : Data Unavailable	09/09/2014 : 09:50:00	09/17/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_1014 2014.zip
M-001	Chronic Toxicity	DU : Data Unavailable	07/22/2014 : 09:50:00	07/23/2014	=	1	TUc				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_1014 2014.zip
M-001	Copper, Total	DU : Data Unavailable	07/03/2014 : 09:42:00	07/25/2014	DNQ	7	ug/L	5		10	No			CDF_Analytical_Calculated_1014 2014.zip
M-001	Copper, Total	DU : Data Unavailable	08/05/2014 : 11:50:00	08/26/2014	DNQ	6	ug/L	5		10	No			CDF_Analytical_Calculated_1014 2014.zip
M-001	Copper, Total	DU : Data Unavailable	09/09/2014 : 09:50:00	09/17/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_1014 2014.zip
M-001	Nickel, Total	DU : Data Unavailable	07/03/2014 : 09:42:00	07/25/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_1014 2014.zip
M-001	Nickel, Total	DU : Data Unavailable	08/05/2014 : 11:50:00	08/26/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_1014 2014.zip
M-001	Nickel, Total	DU : Data Unavailable	09/09/2014 : 09:50:00	09/17/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_1014 2014.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	07/03/2014 : 09:42:00	07/03/2014	=	7.8	SU				No			CDF_Analytical_Calculated_10142014.zip
M-001	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	08/05/2014 : 11:50:00	08/05/2014	=	8	SU				No			CDF_Analytical_Calculated_10142014.zip
M-001	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	09/09/2014 : 09:50:00	09/09/2014	=	8	SU				No			CDF_Analytical_Calculated_10142014.zip
M-001	Zinc, Total	DU : Data Unavailable	07/03/2014 : 09:42:00	07/25/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001	Zinc, Total	DU : Data Unavailable	08/05/2014 : 11:50:00	08/26/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001	Zinc, Total	DU : Data Unavailable	09/09/2014 : 09:50:00	09/17/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/07/2014 : 12:50:00	07/09/2014	DNQ	1.4	mg/L	1.4		5	No			CDF_Analytical_Calculated_10142014.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	08/01/2014 : 13:00:00	08/21/2014	ND		mg/L	1.4			No			CDF_Analytical_Calculated_10142014.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	09/02/2014 : 11:55:00	09/08/2014	ND		mg/L	1.4			No			CDF_Analytical_Calculated_10142014.zip
M-001G	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/07/2014 : 17:10:00	07/16/2014	ND		mg/L	1.4			No			CDF_Analytical_Calculated_10142014.zip
M-001G	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	07/07/2014 : 17:10:00	07/10/2014	ND		mg/L	2			No			CDF_Analytical_Calculated_10142014.zip
M-001G	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	08/05/2014 : 13:45:00	08/08/2014	ND		mg/L	2			No			CDF_Analytical_Calculated_10142014.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	09/02/2014 : 15:00:00	09/03/2014	ND		mg/L	2			No			CDF_Analytical_Calculated_10142014.zip
M-001P	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/03/2014 : 15:03:00	07/16/2014	ND		mg/L	1.4			No			CDF_Analytical_Calculated_10142014.zip
M-003	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/08/2014 : 13:05:00	07/29/2014	ND		mg/L	1.4			No			CDF_Analytical_Calculated_10142014.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	07/08/2014 : 13:05:00	07/08/2014	=	8.2	SU				No			CDF_Analytical_Calculated_10142014.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	08/06/2014 : 12:05:00	08/06/2014	=	7.9	SU				No			CDF_Analytical_Calculated_10142014.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	09/02/2014 : 09:15:00	09/02/2014	=	7.9	SU				No			CDF_Analytical_Calculated_10142014.zip
M-004	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	07/08/2014 : 13:15:00	07/29/2014	ND		mg/L	1.4			No			CDF_Analytical_Calculated_10142014.zip
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	07/08/2014 : 13:15:00	07/08/2014	=	8.1	SU				No			CDF_Analytical_Calculated_10142014.zip
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	08/06/2014 : 13:00:00	08/06/2014	=	8	SU				No			CDF_Analytical_Calculated_10142014.zip
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	09/02/2014 : 10:15:00	09/02/2014	=	7.9	SU				No			CDF_Analytical_Calculated_10142014.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-INF	Ammonia, Total (as N)	A4500NH : Standard Method (19th) 4500-NH: Nitrogen (Ammonia)	07/15/2014 : 09:55:00	07/21/2014	DNQ	0.061	mg/L	.059		.1	No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10142014.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	07/03/2014 : 09:30:00	07/03/2014	=	7.9	SU				No			CDF_Analytical_Calculated_10142014.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	08/05/2014 : 11:40:00	08/05/2014	=	8	SU				No			CDF_Analytical_Calculated_10142014.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	09/09/2014 : 09:40:00	09/09/2014	=	8	SU				No			CDF_Analytical_Calculated_10142014.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	07/01/2014 : 00:00:00	07/31/2014	=	716	lb/day				No		Monthly avg result. See Attachment 1, Tab 2	CDF_Analytical_Calculated_10142014.zip
M-001	Chlorine Usage	30-Day Average of Daily Averages	08/01/2014 : 00:00:00	08/31/2014	=	776	lb/day				No		Monthly avg result. See Attachment 1, Tab 3	CDF_Analytical_Calculated_10142014.zip
M-001	Chlorine Usage	30-Day Average of Daily Averages	09/01/2014 : 00:00:00	09/30/2014	=	773	lb/day				No		Monthly avg result. See Attachment 1, Tab 4	CDF_Analytical_Calculated_10142014.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	07/01/2014 : 00:00:00	07/31/2014	<	10	ug/L				No		Monthly avg result. See Attachment 1, Tab 2	CDF_Analytical_Calculated_10142014.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	08/01/2014 : 00:00:00	08/31/2014	=	21	ug/L				No		Monthly avg result. See Attachment 1, Tab 3	CDF_Analytical_Calculated_10142014.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	09/01/2014 : 00:00:00	09/30/2014	=	25	ug/L				No		Monthly avg result. See Attachment 1, Tab 4	CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/01/2014 : 00:00:00	07/01/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/02/2014 : 00:00:00	07/02/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/03/2014 : 00:00:00	07/03/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/04/2014 : 00:00:00	07/04/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/05/2014 : 00:00:00	07/05/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/06/2014 : 00:00:00	07/06/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/07/2014 : 00:00:00	07/07/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.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	07/08/2014 : 00:00:00	07/08/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/09/2014 : 00:00:00	07/09/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/10/2014 : 00:00:00	07/10/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/11/2014 : 00:00:00	07/11/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/12/2014 : 00:00:00	07/12/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/13/2014 : 00:00:00	07/13/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/14/2014 : 00:00:00	07/14/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/15/2014 : 00:00:00	07/15/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/16/2014 : 00:00:00	07/16/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/17/2014 : 00:00:00	07/17/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/18/2014 : 00:00:00	07/18/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/19/2014 : 00:00:00	07/19/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/20/2014 : 00:00:00	07/20/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/21/2014 : 00:00:00	07/21/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/22/2014 : 00:00:00	07/22/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/23/2014 : 00:00:00	07/23/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/24/2014 : 00:00:00	07/24/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/25/2014 : 00:00:00	07/25/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/26/2014 : 00:00:00	07/26/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/27/2014 : 00:00:00	07/27/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.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	07/28/2014 : 00:00:00	07/28/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/29/2014 : 00:00:00	07/29/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/30/2014 : 00:00:00	07/30/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	07/31/2014 : 00:00:00	07/31/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/01/2014 : 00:00:00	08/01/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/02/2014 : 00:00:00	08/02/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/03/2014 : 00:00:00	08/03/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/04/2014 : 00:00:00	08/04/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/05/2014 : 00:00:00	08/05/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/06/2014 : 00:00:00	08/06/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/07/2014 : 00:00:00	08/07/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/08/2014 : 00:00:00	08/08/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/09/2014 : 00:00:00	08/09/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/10/2014 : 00:00:00	08/10/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/11/2014 : 00:00:00	08/11/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/12/2014 : 00:00:00	08/12/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/13/2014 : 00:00:00	08/13/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/14/2014 : 00:00:00	08/14/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/15/2014 : 00:00:00	08/15/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/16/2014 : 00:00:00	08/16/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.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	08/17/2014 : 00:00:00	08/17/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/18/2014 : 00:00:00	08/18/2014	=	2463	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/19/2014 : 00:00:00	08/19/2014	=	1992	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/20/2014 : 00:00:00	08/20/2014	=	1937	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/21/2014 : 00:00:00	08/21/2014	=	2420	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/22/2014 : 00:00:00	08/22/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/23/2014 : 00:00:00	08/23/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/24/2014 : 00:00:00	08/24/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/25/2014 : 00:00:00	08/25/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/26/2014 : 00:00:00	08/26/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/27/2014 : 00:00:00	08/27/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/28/2014 : 00:00:00	08/28/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/29/2014 : 00:00:00	08/29/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/30/2014 : 00:00:00	08/30/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	08/31/2014 : 00:00:00	08/31/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/01/2014 : 00:00:00	09/01/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/02/2014 : 00:00:00	09/02/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/03/2014 : 00:00:00	09/03/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/04/2014 : 00:00:00	09/04/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/05/2014 : 00:00:00	09/05/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.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	09/06/2014 : 00:00:00	09/06/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/07/2014 : 00:00:00	09/07/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/08/2014 : 00:00:00	09/08/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/09/2014 : 00:00:00	09/09/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/10/2014 : 00:00:00	09/10/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/11/2014 : 00:00:00	09/11/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/12/2014 : 00:00:00	09/12/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/13/2014 : 00:00:00	09/13/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/14/2014 : 00:00:00	09/14/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/15/2014 : 00:00:00	09/15/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/16/2014 : 00:00:00	09/16/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/17/2014 : 00:00:00	09/17/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/18/2014 : 00:00:00	09/18/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/19/2014 : 00:00:00	09/19/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/20/2014 : 00:00:00	09/20/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/21/2014 : 00:00:00	09/21/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/22/2014 : 00:00:00	09/22/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/23/2014 : 00:00:00	09/23/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/24/2014 : 00:00:00	09/24/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/25/2014 : 00:00:00	09/25/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.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	09/26/2014 : 00:00:00	09/26/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/27/2014 : 00:00:00	09/27/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/28/2014 : 00:00:00	09/28/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/29/2014 : 00:00:00	09/29/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Flow	Daily Discharge	09/30/2014 : 00:00:00	09/30/2014	=	2486	MGD				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/01/2014 : 00:00:00	07/01/2014	=	74	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/02/2014 : 00:00:00	07/02/2014	=	73.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/03/2014 : 00:00:00	07/03/2014	=	74.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/04/2014 : 00:00:00	07/04/2014	=	74.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/05/2014 : 00:00:00	07/05/2014	=	75.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/06/2014 : 00:00:00	07/06/2014	=	76	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/07/2014 : 00:00:00	07/07/2014	=	77.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/08/2014 : 00:00:00	07/08/2014	=	77.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/09/2014 : 00:00:00	07/09/2014	=	76.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/10/2014 : 00:00:00	07/10/2014	=	77.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/11/2014 : 00:00:00	07/11/2014	=	77	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/12/2014 : 00:00:00	07/12/2014	=	74.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/13/2014 : 00:00:00	07/13/2014	=	72.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/14/2014 : 00:00:00	07/14/2014	=	74.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/15/2014 : 00:00:00	07/15/2014	=	76.8	Degrees F				No			CDF_Analytical_Calculated_10142014.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	07/16/2014 : 00:00:00	07/16/2014	=	75.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/17/2014 : 00:00:00	07/17/2014	=	75.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/18/2014 : 00:00:00	07/18/2014	=	75.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/19/2014 : 00:00:00	07/19/2014	=	72.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/20/2014 : 00:00:00	07/20/2014	=	78.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/21/2014 : 00:00:00	07/21/2014	=	79	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/22/2014 : 00:00:00	07/22/2014	=	77.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/23/2014 : 00:00:00	07/23/2014	=	75.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/24/2014 : 00:00:00	07/24/2014	=	72.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/25/2014 : 00:00:00	07/25/2014	=	74	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/26/2014 : 00:00:00	07/26/2014	=	76.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/27/2014 : 00:00:00	07/27/2014	=	75.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/28/2014 : 00:00:00	07/28/2014	=	75.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/29/2014 : 00:00:00	07/29/2014	=	74.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/30/2014 : 00:00:00	07/30/2014	=	74.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	07/31/2014 : 00:00:00	07/31/2014	=	73.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/01/2014 : 00:00:00	08/01/2014	=	74.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/02/2014 : 00:00:00	08/02/2014	=	76.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/03/2014 : 00:00:00	08/03/2014	=	75.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/04/2014 : 00:00:00	08/04/2014	=	75.8	Degrees F				No			CDF_Analytical_Calculated_10142014.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	08/05/2014 : 00:00:00	08/05/2014	=	76.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/06/2014 : 00:00:00	08/06/2014	=	76.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/07/2014 : 00:00:00	08/07/2014	=	76.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/08/2014 : 00:00:00	08/08/2014	=	76.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/09/2014 : 00:00:00	08/09/2014	=	76.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/10/2014 : 00:00:00	08/10/2014	=	75.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/11/2014 : 00:00:00	08/11/2014	=	74.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/12/2014 : 00:00:00	08/12/2014	=	75.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/13/2014 : 00:00:00	08/13/2014	=	75.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/14/2014 : 00:00:00	08/14/2014	=	76	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/15/2014 : 00:00:00	08/15/2014	=	67.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/16/2014 : 00:00:00	08/16/2014	=	67.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/17/2014 : 00:00:00	08/17/2014	=	66	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/18/2014 : 00:00:00	08/18/2014	=	66.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/19/2014 : 00:00:00	08/19/2014	=	73.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/20/2014 : 00:00:00	08/20/2014	=	75	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/21/2014 : 00:00:00	08/21/2014	=	74.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/22/2014 : 00:00:00	08/22/2014	=	75.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/23/2014 : 00:00:00	08/23/2014	=	76.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/24/2014 : 00:00:00	08/24/2014	=	78	Degrees F				No			CDF_Analytical_Calculated_10142014.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	08/25/2014 : 00:00:00	08/25/2014	=	79	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/26/2014 : 00:00:00	08/26/2014	=	78.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/27/2014 : 00:00:00	08/27/2014	=	77.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/28/2014 : 00:00:00	08/28/2014	=	77.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/29/2014 : 00:00:00	08/29/2014	=	75.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/30/2014 : 00:00:00	08/30/2014	=	75.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	08/31/2014 : 00:00:00	08/31/2014	=	73.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/01/2014 : 00:00:00	09/01/2014	=	74	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/02/2014 : 00:00:00	09/02/2014	=	75.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/03/2014 : 00:00:00	09/03/2014	=	76.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/04/2014 : 00:00:00	09/04/2014	=	77.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/05/2014 : 00:00:00	09/05/2014	=	76	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/06/2014 : 00:00:00	09/06/2014	=	70.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/07/2014 : 00:00:00	09/07/2014	=	74.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/08/2014 : 00:00:00	09/08/2014	=	75.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/09/2014 : 00:00:00	09/09/2014	=	77.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/10/2014 : 00:00:00	09/10/2014	=	76.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/11/2014 : 00:00:00	09/11/2014	=	78.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/12/2014 : 00:00:00	09/12/2014	=	77.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/13/2014 : 00:00:00	09/13/2014	=	78	Degrees F				No			CDF_Analytical_Calculated_10142014.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	09/14/2014 : 00:00:00	09/14/2014	=	77.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/15/2014 : 00:00:00	09/15/2014	=	77	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/16/2014 : 00:00:00	09/16/2014	=	76.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/17/2014 : 00:00:00	09/17/2014	=	76.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/18/2014 : 00:00:00	09/18/2014	=	78.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/19/2014 : 00:00:00	09/19/2014	=	78.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/20/2014 : 00:00:00	09/20/2014	=	77.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/21/2014 : 00:00:00	09/21/2014	=	77.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/22/2014 : 00:00:00	09/22/2014	=	76.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/23/2014 : 00:00:00	09/23/2014	=	77	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/24/2014 : 00:00:00	09/24/2014	=	76.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/25/2014 : 00:00:00	09/25/2014	=	75.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/26/2014 : 00:00:00	09/26/2014	=	75.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/27/2014 : 00:00:00	09/27/2014	=	74.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/28/2014 : 00:00:00	09/28/2014	=	74.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/29/2014 : 00:00:00	09/29/2014	=	75.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	24-hour Average	09/30/2014 : 00:00:00	09/30/2014	=	74.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Daily Maximum	07/31/2014 : 00:00:00	07/31/2014	=	79	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Daily Maximum	08/31/2014 : 00:00:00	08/31/2014	=	79	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Daily Maximum	09/30/2014 : 00:00:00	09/30/2014	=	78.3	Degrees F				No			CDF_Analytical_Calculated_10142014.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	07/01/2014 : 00:00:00	07/01/2014	=	18.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/02/2014 : 00:00:00	07/02/2014	=	18.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/03/2014 : 00:00:00	07/03/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/04/2014 : 00:00:00	07/04/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/05/2014 : 00:00:00	07/05/2014	=	18.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/06/2014 : 00:00:00	07/06/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/07/2014 : 00:00:00	07/07/2014	=	18.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/08/2014 : 00:00:00	07/08/2014	=	18.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/09/2014 : 00:00:00	07/09/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/10/2014 : 00:00:00	07/10/2014	=	18.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/11/2014 : 00:00:00	07/11/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/12/2014 : 00:00:00	07/12/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/13/2014 : 00:00:00	07/13/2014	=	18.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/14/2014 : 00:00:00	07/14/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/15/2014 : 00:00:00	07/15/2014	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/16/2014 : 00:00:00	07/16/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/17/2014 : 00:00:00	07/17/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/18/2014 : 00:00:00	07/18/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/19/2014 : 00:00:00	07/19/2014	=	14.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/20/2014 : 00:00:00	07/20/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.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	07/21/2014 : 00:00:00	07/21/2014	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/22/2014 : 00:00:00	07/22/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/23/2014 : 00:00:00	07/23/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/24/2014 : 00:00:00	07/24/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/25/2014 : 00:00:00	07/25/2014	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/26/2014 : 00:00:00	07/26/2014	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/27/2014 : 00:00:00	07/27/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/28/2014 : 00:00:00	07/28/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/29/2014 : 00:00:00	07/29/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/30/2014 : 00:00:00	07/30/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	07/31/2014 : 00:00:00	07/31/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/01/2014 : 00:00:00	08/01/2014	=	18.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/02/2014 : 00:00:00	08/02/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/03/2014 : 00:00:00	08/03/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/04/2014 : 00:00:00	08/04/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/05/2014 : 00:00:00	08/05/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/06/2014 : 00:00:00	08/06/2014	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/07/2014 : 00:00:00	08/07/2014	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/08/2014 : 00:00:00	08/08/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/09/2014 : 00:00:00	08/09/2014	=	19.4	Degrees F				No			CDF_Analytical_Calculated_10142014.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	08/10/2014 : 00:00:00	08/10/2014	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/11/2014 : 00:00:00	08/11/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/12/2014 : 00:00:00	08/12/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/13/2014 : 00:00:00	08/13/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/14/2014 : 00:00:00	08/14/2014	=	18.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/15/2014 : 00:00:00	08/15/2014	=	9.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/16/2014 : 00:00:00	08/16/2014	=	9.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/17/2014 : 00:00:00	08/17/2014	=	9.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/18/2014 : 00:00:00	08/18/2014	=	11.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/19/2014 : 00:00:00	08/19/2014	=	17.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/20/2014 : 00:00:00	08/20/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/21/2014 : 00:00:00	08/21/2014	=	18.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/22/2014 : 00:00:00	08/22/2014	=	18.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/23/2014 : 00:00:00	08/23/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/24/2014 : 00:00:00	08/24/2014	=	19.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/25/2014 : 00:00:00	08/25/2014	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/26/2014 : 00:00:00	08/26/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/27/2014 : 00:00:00	08/27/2014	=	18.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/28/2014 : 00:00:00	08/28/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/29/2014 : 00:00:00	08/29/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.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	08/30/2014 : 00:00:00	08/30/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	08/31/2014 : 00:00:00	08/31/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/01/2014 : 00:00:00	09/01/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/02/2014 : 00:00:00	09/02/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/03/2014 : 00:00:00	09/03/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/04/2014 : 00:00:00	09/04/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/05/2014 : 00:00:00	09/05/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/06/2014 : 00:00:00	09/06/2014	=	14.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/07/2014 : 00:00:00	09/07/2014	=	18.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/08/2014 : 00:00:00	09/08/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/09/2014 : 00:00:00	09/09/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/10/2014 : 00:00:00	09/10/2014	=	18.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/11/2014 : 00:00:00	09/11/2014	=	19.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/12/2014 : 00:00:00	09/12/2014	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/13/2014 : 00:00:00	09/13/2014	=	18.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/14/2014 : 00:00:00	09/14/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/15/2014 : 00:00:00	09/15/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/16/2014 : 00:00:00	09/16/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/17/2014 : 00:00:00	09/17/2014	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/18/2014 : 00:00:00	09/18/2014	=	19.2	Degrees F				No			CDF_Analytical_Calculated_10142014.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	09/19/2014 : 00:00:00	09/19/2014	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/20/2014 : 00:00:00	09/20/2014	=	19.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/21/2014 : 00:00:00	09/21/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/22/2014 : 00:00:00	09/22/2014	=	19	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/23/2014 : 00:00:00	09/23/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/24/2014 : 00:00:00	09/24/2014	=	18.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/25/2014 : 00:00:00	09/25/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/26/2014 : 00:00:00	09/26/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/27/2014 : 00:00:00	09/27/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/28/2014 : 00:00:00	09/28/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/29/2014 : 00:00:00	09/29/2014	=	18.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Delta from Background	09/30/2014 : 00:00:00	09/30/2014	=	18.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Monthly Average of Daily Averages	07/31/2014 : 00:00:00	07/31/2014	=	75.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Monthly Average of Daily Averages	08/31/2014 : 00:00:00	08/31/2014	=	74.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001	Temperature	Monthly Average of Daily Averages	09/30/2014 : 00:00:00	09/30/2014	=	76.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-001D	Cadmium, Total	90-Day Mean	07/01/2014 : 00:00:00	09/03/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001D	Chromium (Total)	90-Day Mean	07/01/2014 : 00:00:00	09/03/2014	=	67	ug/L				No			CDF_Analytical_Calculated_10142014.zip
M-001D	Copper, Total	90-Day Mean	07/01/2014 : 00:00:00	09/03/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001D	Lead, Total	90-Day Mean	07/01/2014 : 00:00:00	09/03/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001D	Mercury, Total	90-Day Mean	07/01/2014 : 00:00:00	09/03/2014	ND		ug/L	.05			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10142014.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	Nickel, Total	90-Day Mean	07/01/2014 : 00:00:00	09/03/2014	=	46	ug/L				No			CDF_Analytical_Calculated_10142014.zip
M-001D	Oil and Grease	30-Day Average	09/09/2014 : 00:00:00	09/10/2014	=	6.9	mg/L				No		Monthly avg result. See Attachment 1, Tab 7	CDF_Analytical_Calculated_10142014.zip
M-001D	Oil and Grease	30-Day Average	07/02/2014 : 00:00:00	07/23/2014	DNQ	1.4	mg/L	1.4		5	No		Monthly avg result. See Attachment 1, Tab 5	CDF_Analytical_Calculated_10142014.zip
M-001D	Oil and Grease	30-Day Average	08/05/2014 : 00:00:00	08/16/2014	ND		mg/L	1.4			No		Monthly avg result. See Attachment 1, Tab 6	CDF_Analytical_Calculated_10142014.zip
M-001D	Silver, Total	90-Day Mean	07/01/2014 : 00:00:00	09/03/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/01/2014 : 00:00:00	07/23/2014	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 5	CDF_Analytical_Calculated_10142014.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/05/2014 : 00:00:00	08/16/2014	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 6	CDF_Analytical_Calculated_10142014.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/03/2014 : 00:00:00	09/23/2014	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 7	CDF_Analytical_Calculated_10142014.zip
M-001D	Zinc, Total	90-Day Mean	07/01/2014 : 00:00:00	09/03/2014	=	69	ug/L				No			CDF_Analytical_Calculated_10142014.zip
M-001F	Cadmium, Total	7-Day Average (Mean)	07/03/2014 : 00:00:00	07/13/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001F	Chromium (Total)	7-Day Average (Mean)	07/03/2014 : 00:00:00	07/13/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001F	Copper, Total	7-Day Average (Mean)	07/03/2014 : 00:00:00	07/13/2014	=	11	ug/L				No			CDF_Analytical_Calculated_10142014.zip
M-001F	Lead, Total	7-Day Average (Mean)	07/03/2014 : 00:00:00	07/13/2014	DNQ	9	ug/L	5		10	No			CDF_Analytical_Calculated_10142014.zip
M-001F	Mercury, Total	7-Day Average (Mean)	07/03/2014 : 00:00:00	07/13/2014	ND		ug/L	.05			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_10142014.zip
M-001F	Nickel, Total	7-Day Average (Mean)	07/03/2014 : 00:00:00	07/13/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001F	Silver, Total	7-Day Average (Mean)	07/03/2014 : 00:00:00	07/13/2014	ND		ug/L	5			No			CDF_Analytical_Calculated_10142014.zip
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/01/2014 : 13:00:00	08/01/2014	DNQ	3	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_10142014.zip
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/07/2014 : 12:50:00	07/07/2014	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_10142014.zip
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2014 : 11:55:00	09/04/2014	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_10142014.zip
M-001F	Zinc, Total	7-Day Average (Mean)	07/03/2014 : 00:00:00	07/13/2014	=	25	ug/L				No			CDF_Analytical_Calculated_10142014.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-001H	Cadmium, Total	90-Day Mean	06/24/2014 : 00:00:00	09/15/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Chromium (Total)	90-Day Mean	06/24/2014 : 00:00:00	09/15/2014	=	32	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Copper, Total	90-Day Mean	06/24/2014 : 00:00:00	09/15/2014	=	33	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Lead, Total	90-Day Mean	06/24/2014 : 00:00:00	09/15/2014	=	15	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Mercury, Total	90-Day Mean	06/24/2014 : 00:00:00	09/15/2014	ND		ug/L	.05			No		Qtrly avg- Att 1 Tab 1 & Att 2 Contract Lab Report	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Nickel, Total	90-Day Mean	06/24/2014 : 00:00:00	09/15/2014	=	17	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Oil and Grease	30-Day Average of Daily Averages	07/01/2014 : 00:00:00	07/09/2014	ND		mg/L	1.4			No		Avg result for qtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Silver, Total	90-Day Mean	06/24/2014 : 00:00:00	09/15/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/01/2014 : 00:00:00	07/02/2014	DNQ	2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/02/2014 : 00:00:00	08/03/2014	DNQ	3	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/01/2014 : 00:00:00	09/01/2014	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1014 2014.zip
M-001H	Zinc, Total	90-Day Mean	06/24/2014 : 00:00:00	09/15/2014	=	12	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Cadmium, Total	90-Day Mean	07/02/2014 : 00:00:00	09/10/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Chromium (Total)	90-Day Mean	07/02/2014 : 00:00:00	09/10/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Copper, Total	90-Day Mean	07/02/2014 : 00:00:00	09/10/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Lead, Total	90-Day Mean	07/02/2014 : 00:00:00	09/10/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Mercury, Total	90-Day Mean	07/02/2014 : 00:00:00	09/10/2014	ND		ug/L	.05			No		Qtrly avg- Att 1 Tab 1 & Att 2 Contract Lab Report	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Nickel, Total	90-Day Mean	07/02/2014 : 00:00:00	09/10/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Oil and Grease	30-Day Average of Daily Averages	07/07/2014 : 00:00:00	07/29/2014	ND		mg/L	1.4			No		Avg result for qtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Silver, Total	90-Day Mean	07/02/2014 : 00:00:00	09/10/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.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	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/10/2014 : 00:00:00	07/10/2014	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/05/2014 : 00:00:00	08/05/2014	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/05/2014 : 00:00:00	09/05/2014	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1014 2014.zip
M-001L	Zinc, Total	90-Day Mean	07/02/2014 : 00:00:00	09/10/2014	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	07/01/2014 : 00:00:00	07/29/2014	DNQ	0.72	mg/L	.72		5	No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	08/07/2014 : 00:00:00	08/25/2014	DNQ	0.72	mg/L	.72		5	No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	09/02/2014 : 00:00:00	09/23/2014	DNQ	0.72	mg/L	.72		5	No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Settleable Solids	30-Day Average	07/01/2014 : 00:00:00	07/29/2014	DNQ	0.1	ml/L	.1		.1	No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Settleable Solids	30-Day Average	08/07/2014 : 00:00:00	08/25/2014	DNQ	0.1	ml/L	.1		.1	No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Settleable Solids	30-Day Average	09/02/2014 : 00:00:00	09/23/2014	DNQ	0.1	ml/L	.1		.1	No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/01/2014 : 00:00:00	07/29/2014	=	7	mg/L				No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/07/2014 : 00:00:00	08/25/2014	=	5	mg/L				No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2014 : 00:00:00	09/23/2014	=	8	mg/L				No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_1014 2014.zip
M-001P	pH	Daily Average (Mean)	07/03/2014 : 07:50:00	07/03/2014	=	7.8	SU				No		See Attachment #1, Tab 11	CDF_Analytical_Calculated_1014 2014.zip
M-001P	pH	Daily Average (Mean)	08/05/2014 : 11:30:00	08/05/2014	=	7.7	SU				No		See Attachment #1, Tab 12	CDF_Analytical_Calculated_1014 2014.zip
M-001P	pH	Daily Average (Mean)	09/02/2014 : 10:30:00	09/02/2014	=	7.7	SU				No		See Attachment #1, Tab 13	CDF_Analytical_Calculated_1014 2014.zip
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/03/2014 : 00:00:00	07/16/2014	=	15	mg/L				No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_1014 2014.zip
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/05/2014 : 00:00:00	08/05/2014	DNQ	2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_1014 2014.zip
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2014 : 00:00:00	09/02/2014	DNQ	3	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_1014 2014.zip
M-002	Oil and Grease	30-Day Average of Daily Averages	07/08/2014 : 00:00:00	07/08/2014	ND		mg/L	1.4			No		Avg result for qrtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_1014 2014.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-002	pH	Daily Average (Mean)	07/08/2014 : 00:00:00	07/08/2014	=	8.2	SU				No		See Attachment #1, Tab 11	CDF_Analytical_Calculated_10142014.zip
M-002	pH	Daily Average (Mean)	08/06/2014 : 00:00:00	08/06/2014	=	7.9	SU				No		See Attachment #1, Tab 12	CDF_Analytical_Calculated_10142014.zip
M-002	pH	Daily Average (Mean)	09/02/2014 : 00:00:00	09/02/2014	=	7.9	SU				No		See Attachment #1, Tab 13	CDF_Analytical_Calculated_10142014.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/08/2014 : 00:00:00	07/10/2014	DNQ	2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_10142014.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/06/2014 : 00:00:00	08/06/2014	DNQ	4	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_10142014.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2014 : 00:00:00	09/02/2014	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_10142014.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	07/08/2014 : 13:05:00	07/10/2014	=	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_10142014.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	09/02/2014 : 09:15:00	09/04/2014	=	8	mg/L				No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_10142014.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	08/06/2014 : 12:05:00	08/08/2014	DNQ	2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_10142014.zip
M-INF	Chromium (Total)	90-Day Mean	07/03/2014 : 00:00:00	09/09/2014	ND		ug/L	5			No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_10142014.zip
M-INF	Copper, Total	90-Day Mean	07/03/2014 : 00:00:00	09/09/2014	DNQ	7	ug/L	5		10	No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_10142014.zip
M-INF	Nickel, Total	90-Day Mean	07/03/2014 : 00:00:00	09/09/2014	ND		ug/L	5			No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/01/2014 : 00:00:00	07/01/2014	=	55.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/02/2014 : 00:00:00	07/02/2014	=	55.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/03/2014 : 00:00:00	07/03/2014	=	55.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/04/2014 : 00:00:00	07/04/2014	=	56	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/05/2014 : 00:00:00	07/05/2014	=	57.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/06/2014 : 00:00:00	07/06/2014	=	57.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/07/2014 : 00:00:00	07/07/2014	=	58.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/08/2014 : 00:00:00	07/08/2014	=	58.5	Degrees F				No			CDF_Analytical_Calculated_10142014.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	07/09/2014 : 00:00:00	07/09/2014	=	58	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/10/2014 : 00:00:00	07/10/2014	=	59.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/11/2014 : 00:00:00	07/11/2014	=	58.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/12/2014 : 00:00:00	07/12/2014	=	55.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/13/2014 : 00:00:00	07/13/2014	=	53.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/14/2014 : 00:00:00	07/14/2014	=	56.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/15/2014 : 00:00:00	07/15/2014	=	57.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/16/2014 : 00:00:00	07/16/2014	=	56.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/17/2014 : 00:00:00	07/17/2014	=	56.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/18/2014 : 00:00:00	07/18/2014	=	56.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/19/2014 : 00:00:00	07/19/2014	=	58	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/20/2014 : 00:00:00	07/20/2014	=	59.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/21/2014 : 00:00:00	07/21/2014	=	59.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/22/2014 : 00:00:00	07/22/2014	=	58.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/23/2014 : 00:00:00	07/23/2014	=	57.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/24/2014 : 00:00:00	07/24/2014	=	53.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/25/2014 : 00:00:00	07/25/2014	=	54.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/26/2014 : 00:00:00	07/26/2014	=	56.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/27/2014 : 00:00:00	07/27/2014	=	56.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/28/2014 : 00:00:00	07/28/2014	=	56.6	Degrees F				No			CDF_Analytical_Calculated_10142014.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	07/29/2014 : 00:00:00	07/29/2014	=	56.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/30/2014 : 00:00:00	07/30/2014	=	55.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	07/31/2014 : 00:00:00	07/31/2014	=	55.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/01/2014 : 00:00:00	08/01/2014	=	56	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/02/2014 : 00:00:00	08/02/2014	=	57.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/03/2014 : 00:00:00	08/03/2014	=	56.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/04/2014 : 00:00:00	08/04/2014	=	57.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/05/2014 : 00:00:00	08/05/2014	=	57.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/06/2014 : 00:00:00	08/06/2014	=	57.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/07/2014 : 00:00:00	08/07/2014	=	57.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/08/2014 : 00:00:00	08/08/2014	=	57.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/09/2014 : 00:00:00	08/09/2014	=	57.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/10/2014 : 00:00:00	08/10/2014	=	56.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/11/2014 : 00:00:00	08/11/2014	=	56	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/12/2014 : 00:00:00	08/12/2014	=	56.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/13/2014 : 00:00:00	08/13/2014	=	57	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/14/2014 : 00:00:00	08/14/2014	=	57.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/15/2014 : 00:00:00	08/15/2014	=	57.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/16/2014 : 00:00:00	08/16/2014	=	57.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/17/2014 : 00:00:00	08/17/2014	=	56.4	Degrees F				No			CDF_Analytical_Calculated_10142014.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	08/18/2014 : 00:00:00	08/18/2014	=	55.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/19/2014 : 00:00:00	08/19/2014	=	55.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/20/2014 : 00:00:00	08/20/2014	=	56.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/21/2014 : 00:00:00	08/21/2014	=	56.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/22/2014 : 00:00:00	08/22/2014	=	57.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/23/2014 : 00:00:00	08/23/2014	=	57.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/24/2014 : 00:00:00	08/24/2014	=	58.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/25/2014 : 00:00:00	08/25/2014	=	59.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/26/2014 : 00:00:00	08/26/2014	=	59.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/27/2014 : 00:00:00	08/27/2014	=	59.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/28/2014 : 00:00:00	08/28/2014	=	58.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/29/2014 : 00:00:00	08/29/2014	=	57	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/30/2014 : 00:00:00	08/30/2014	=	56.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	08/31/2014 : 00:00:00	08/31/2014	=	54.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/01/2014 : 00:00:00	09/01/2014	=	55.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/02/2014 : 00:00:00	09/02/2014	=	57.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/03/2014 : 00:00:00	09/03/2014	=	57.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/04/2014 : 00:00:00	09/04/2014	=	58.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/05/2014 : 00:00:00	09/05/2014	=	57.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/06/2014 : 00:00:00	09/06/2014	=	56.2	Degrees F				No			CDF_Analytical_Calculated_10142014.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	09/07/2014 : 00:00:00	09/07/2014	=	56.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/08/2014 : 00:00:00	09/08/2014	=	56.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/09/2014 : 00:00:00	09/09/2014	=	58.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/10/2014 : 00:00:00	09/10/2014	=	57.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/11/2014 : 00:00:00	09/11/2014	=	58.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/12/2014 : 00:00:00	09/12/2014	=	58.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/13/2014 : 00:00:00	09/13/2014	=	59.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/14/2014 : 00:00:00	09/14/2014	=	59	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/15/2014 : 00:00:00	09/15/2014	=	58.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/16/2014 : 00:00:00	09/16/2014	=	57.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/17/2014 : 00:00:00	09/17/2014	=	57.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/18/2014 : 00:00:00	09/18/2014	=	58.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/19/2014 : 00:00:00	09/19/2014	=	59.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/20/2014 : 00:00:00	09/20/2014	=	58.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/21/2014 : 00:00:00	09/21/2014	=	58.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/22/2014 : 00:00:00	09/22/2014	=	57.7	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/23/2014 : 00:00:00	09/23/2014	=	58.3	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/24/2014 : 00:00:00	09/24/2014	=	57.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/25/2014 : 00:00:00	09/25/2014	=	57	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/26/2014 : 00:00:00	09/26/2014	=	56.4	Degrees F				No			CDF_Analytical_Calculated_10142014.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	09/27/2014 : 00:00:00	09/27/2014	=	55.6	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/28/2014 : 00:00:00	09/28/2014	=	56.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/29/2014 : 00:00:00	09/29/2014	=	57.1	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	24-hour Average	09/30/2014 : 00:00:00	09/30/2014	=	55.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	Daily Maximum	07/31/2014 : 00:00:00	07/31/2014	=	59.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	Daily Maximum	08/31/2014 : 00:00:00	08/31/2014	=	59.9	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	Daily Maximum	09/30/2014 : 00:00:00	09/30/2014	=	59.4	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	Monthly Average of Daily Averages	07/31/2014 : 00:00:00	07/31/2014	=	56.8	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	Monthly Average of Daily Averages	08/31/2014 : 00:00:00	08/31/2014	=	57.2	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Temperature	Monthly Average of Daily Averages	09/30/2014 : 00:00:00	09/30/2014	=	57.5	Degrees F				No			CDF_Analytical_Calculated_10142014.zip
M-INF	Zinc, Total	90-Day Mean	07/03/2014 : 00:00:00	09/09/2014	DNQ	5	ug/L	5		10	No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_10142014.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 2014 (due 10/20/2014)

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 2014

	Tab	Information
Go To Tab 1	1	Miscellaneous Quarterly Duplicate Averages
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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
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Go To Tab 8	8	001N TSS, SS and O&G - July
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Go To Tab 13	13	Miscellaneous Duplicates - September

Navigation

	A	B	C	D	E	F	G	H	I
1									
2		**Miscellaneous Quarterly Average Calculations for Quarterly eSMR**							
3									
4		**-- For Influent and Quarterly Metals, fill in highlighted cells only. Subsequent cells will be filled in automatically.**							
5		**10 µg/L is DCPP lab Reporting Limit. 5µg/L is DCPP lab MDL.**							
6									
7		**Sample Date**	**Analysis Date**	**Lab**	**Comment**	**Parameter**	**Results**	**Average for Quarter**	
8									
9		7/3/2014	7/25/2014	DCPP		Influent Cr	ND(5)	ND(5)	
10		8/5/2014	8/26/2014	DCPP		Influent Cr	ND(5)		
11		9/9/2014	9/17/2014	DCPP		Influent Cr	ND(5)		
12									
13		7/3/2014	7/25/2014	DCPP		Influent Cu	DNQ(8)	DNQ(7)	
14		8/5/2014	8/26/2014	DCPP		Influent Cu	DNQ(6)		
15		9/9/2014	9/17/2014	DCPP		Influent Cu	DNQ(6)		
16									
17		7/3/2014	7/25/2014	DCPP		Influent Ni	ND(5)	ND(5)	
18		8/5/2014	8/26/2014	DCPP		Influent Ni	ND(5)		
19		9/9/2014	9/17/2014	DCPP		Influent Ni	ND(5)		
20									
21		7/3/2014	7/25/2014	DCPP		Influent Zn	ND(5)	DNQ(5)	
22		8/5/2014	8/26/2014	DCPP		Influent Zn	ND(5)		
23		9/9/2014	9/17/2014	DCPP		Influent Zn	DNQ(7)		
24									
25									
26		**Sample Date**	**Analysis Date**	**Location**	**Unit**	**Parameter**	**Results**	**Average for Quarter**	
27									
28		7/1/2014	7/9/2014	001H	1	O&G	ND(1.4)	ND(1.4)	
29		7/2/2014	7/9/2014	001H	2	O&G	ND(1.4)		
30									
31		7/16/2014	7/16/2014	001L	1	O&G	ND(1.4)	ND(1.4)	
32		7/7/2014	7/16/2014	001L	2	O&G	ND(1.4)		
33		7/29/2014	7/29/2014	001L	2	O&G	ND(1.4)		
34									
35		7/8/2014	7/16/2014	002	1	O&G	ND(1.4)	ND(1.4)	
36		7/8/2014	7/16/2014	002	2	O&G	ND(1.4)		
37									
38		6/24/2014	9/8/2014	001H	1	Ag	ND(5)	ND(5)	
39		7/8/2014	9/15/2014	001H	2	Ag	ND(5)		
40									
41		6/24/2014	9/8/2014	001H	1	Cd	ND(5)	ND(5)	
42		7/8/2014	9/15/2014	001H	2	Cd	ND(5)		
43									
44		6/24/2014	9/8/2014	001H	1	Cr	28	32	
45		7/8/2014	9/15/2014	001H	2	Cr	37		
46									
47		6/24/2014	9/8/2014	001H	1	Cu	30	33	
48		7/8/2014	9/15/2014	001H	2	Cu	37		
49									
50		6/24/2014	9/8/2014	001H	1	Ni	20	17	
51		7/8/2014	9/15/2014	001H	2	Ni	15		
52									
53		6/24/2014	9/8/2014	001H	1	Pb	17	15	
54		7/8/2014	9/15/2014	001H	2	Pb	13		
55									
56		6/24/2014	9/8/2014	001H	1	Zn	13	12	
57		7/8/2014	9/15/2014	001H	2	Zn	11		
58									
59		6/24/2014	9/8/2014	001H	1	Hg	ND(0.050)	ND(0.050)	
60		7/8/2014	9/15/2014	001H	2	Hg	ND(0.050)		
61									
62									
63		7/2/2014	9/10/2014	001L	1	Ag	ND(5)	ND(5)	
64		7/2/2014	9/10/2014	001L	2	Ag	ND(5)		
65									
66		7/2/2014	9/10/2014	001L	1	Cd	ND(5)	ND(5)	
67		7/2/2014	9/10/2014	001L	2	Cd	ND(5)		
68									
69		7/2/2014	9/10/2014	001L	1	Cr	ND(5)	ND(5)	
70		7/2/2014	9/10/2014	001L	2	Cr	ND(5)		
71									
72		7/2/2014	9/10/2014	001L	1	Cu	ND(5)	ND(5)	
73		7/2/2014	9/10/2014	001L	2	Cu	ND(5)		
74									
75		7/2/2014	9/10/2014	001L	1	Ni	ND(5)	ND(5)	
76		7/2/2014	9/10/2014	001L	2	Ni	ND(5)		
77									
78		7/2/2014	9/10/2014	001L	1	Pb	ND(5)	ND(5)	
79		7/2/2014	9/10/2014	001L	2	Pb	ND(5)		
80									
81		7/2/2014	9/10/2014	001L	1	Zn	ND(5)	ND(5)	
82		7/2/2014	9/10/2014	001L	2	Zn	ND(5)		
83									
84		7/2/2014	9/10/2014	001L	1	Hg	ND(0.050)	ND(0.050)	
85		7/2/2014	9/10/2014	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		7/1/2014	7/2/2014	7/3/2014	7/4/2014	7/5/2014	7/6/2014	7/7/2014	7/8/2014	7/9/2014	7/10/2014	7/11/2014	7/12/2014	7/13/2014	7/14/2014	7/15/2014
8	Unit 1 TRC (ppb)	<10	<10	<10	11	<10	<10	<10	<10	<10	<10	<10	<10	<10	14	<10
9		<10	<10	12	11	<10	<10	<10	<10	<10	<10	<10	<10	11	<10	<10
10		<10	<10	<10	11	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	<10
11		<10	14	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	11	<10	<10
12		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	<10
13		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	11	14	<10	<10
14	Unit 1 Cl2 Use (lbs)	316.8	345.6	360	360	360	360	360	360	360	360	360	360	360	360	360
15	Unit 2 TRC (ppb)	<10	<10	<10	11	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
16		<10	<10	12	13	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
17		<10	<10	12	12	<10	<10	<10	<10	<10	<10	<10	<10	10	<10	<10
18		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	12	<10	<10
19		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	11	<10	<10
20		<10	<10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	<10	<10
21	Unit 2 Cl2 Use (lbs)	302.4	331.2	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6
22																
23		0	14	12	11	0	0	0	0	0	0	0	11	14	14	0
24		0	0	12	13	0	0	0	0	0	0	0	0	12	0	0
25	Daily Maximum TRC (ppb)	**0**	**14**	**12**	**13**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**14**	**14**	**0**
26	Daily Cl2 Use (lbs)	**619**	**677**	**706**	**706**	**706**	**706**	**706**	**706**	**706**	**706**	**706**	**706**	**706**	**706**	**706**
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	**7/16/2014**	**7/17/2014**	**7/18/2014**	**7/19/2014**	**7/20/2014**	**7/21/2014**	**7/22/2014**	**7/23/2014**	**7/24/2014**	**7/25/2014**	**7/26/2014**	**7/27/2014**	**7/28/2014**	**7/29/2014**	**7/30/2014**	**7/31/2014**	
8	<10	<10	<10	<10	<10	<10	<10	<10	<10	27	<10	<10	<10	<10	<10	12	
9	<10	<10	<10	<10	<10	<10	<10	<10	14	22	<10	<10	<10	<10	<10	12	
10	<10	<10	<10	<10	<10	<10	<10	<10	13	20	<10	<10	<10	<10	<10	12	
11	<10	<10	<10	<10	<10	<10	<10	<10	27	15	<10	<10	<10	<10	14	15	
12	<10	<10	<10	<10	<10	<10	<10	<10	35	12	<10	<10	<10	<10	13	14	
13	<10	<10	<10	<10	<10	<10	<10	<10	27	13	<10	<10	<10	<10	11	11	
14	360	360	360	360	360	369.6	388.8	388.8	386.4	374.4	374.4	374.4	374.4	374.4	381.6	388.8	
15	<10	<10	<10	<10	<10	<10	<10	<10	<10	17	13	12	12	12	12	17	
16	<10	<10	<10	<10	<10	<10	<10	<10	10	16	13	13	12	12	10	17	
17	<10	<10	<10	<10	<10	<10	<10	<10	12	14	11	12	12	12	12	17	
18	<10	<10	<10	<10	<10	<10	<10	<10	16	15	12	12	10	13	12	19	
19	<10	<10	<10	<10	<10	<10	<10	<10	17	14	13	11	12	11	16	19	
20	<10	<10	<10	<10	<10	<10	<10	<10	16	12	12	12	11	11	17	21	
21	345.6	345.6	345.6	345.6	345.6	355.2	374.4	374.4	372.0	360.0	360	360	360	360	367.2	374.4	
22																	
23	0	0	0	0	0	0	0	0	35	27	0	0	0	0	14	15	
24	0	0	0	0	0	0	0	0	17	17	13	13	12	13	17	21	
25	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**35**	**27**	**13**	**13**	**12**	**13**	**17**	**21**	
26	**706**	**706**	**706**	**706**	**706**	**725**	**763**	**763**	**758**	**734**	**734**	**734**	**734**	**734**	**749**	**763**	
27														**Chlorine**	**(ppb)**	**(lbs/day)**	
28														**Monthly Average**	**7**	**716**	
29								**MONTHLY CHLORINE USE:**		**22,190**	**lbs.**			**Maximum**	**35**	**763**	
30														**Minimum**	**0**	**619**	
31														**Verify that values have correct references.**			
32												8/1/14 m6bx; Verified all row calcs to end at col AF for 31-day month.					
33									Report monthly average TRC as <10 ppb because mathematical average of 7 is less than 10 ppb reporting limit.								
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		8/1/2014	8/2/2014	8/3/2014	8/4/2014	8/5/2014	8/6/2014	8/7/2014	8/8/2014	8/9/2014	8/10/2014	8/11/2014	8/12/2014	8/13/2014	8/14/2014	8/15/2014
8	Unit 1 TRC (ppb)	11	<10	<10	<10	<10	<10	20	24	27	24	27	20	14	18	15
9		12	<10	<10	<10	<10	<10	22	35	29	27	29	18	20	15	13
10		11	<10	<10	<10	<10	<10	15	20	20	24	29	22	20	15	15
11		11	<10	<10	<10	<10	20	24	24	20	27	35	20	24	no injection	15
12		10	<10	<10	<10	<10	18	20	24	24	27	24	15	15	13	13
13		<10	<10	<10	<10	<10	18	20	20	20	24	22	20	15	15	13
14	Unit 1 Cl2 Use (lbs)	388.8	388.8	388.8	388.8	388.8	396.0	403.2	403.2	403.2	403.2	403.2	410.4	417.6	338.4	388.8
15	Unit 2 TRC (ppb)	21	11	10	11	14	16	16	21	17	21	19	16	12	11	23
16		21	10	10	11	12	19	16	21	21	19	21	16	10	11	19
17		17	<10	<10	12	10	16	16	17	17	21	19	17	11	11	23
18		17	<10	12	21	19	12	14	21	17	19	19	14	11	no injection	23
19		14	<10	<10	17	16	13	17	19	16	17	14	11	<10	<10	21
20		10	<10	<10	16	14	14	16	19	17	17	16	12	13	11	21
21	Unit 2 Cl2 Use (lbs)	374.4	374.4	374.4	374.4	374.4	381.6	388.8	388.8	388.8	388.8	388.8	388.8	388.8	324	388.8
22																
23		12	0	0	0	0	20	24	35	29	27	35	22	24	18	15
24		21	11	12	21	19	19	17	21	21	21	21	17	13	11	23
25	Daily Maximum TRC (ppb)	**21**	**11**	**12**	**21**	**19**	**20**	**24**	**35**	**29**	**27**	**35**	**22**	**24**	**18**	**23**
26	Daily Cl2 Use (lbs)	**763**	**763**	**763**	**763**	**763**	**778**	**792**	**792**	**792**	**792**	**792**	**799**	**806**	**662**	**778**
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	**8/16/2014**	**8/17/2014**	**8/18/2014**	**8/19/2014**	**8/20/2014**	**8/21/2014**	**8/22/2014**	**8/23/2014**	**8/24/2014**	**8/25/2014**	**8/26/2014**	**8/27/2014**	**8/28/2014**	**8/29/2014**	**8/30/2014**	**8/31/2014**	
8	14	11	22	30	22	22	14	13	11	12	<10	<10	12	17	22	22	
9	13	11	20	32	24	15	17	11	13	<10	<10	<10	14	15	20	22	
10	<10	11	20	20	20	20	12	<10	<10	<10	<10	11	14	13	20	22	
11	<10	13	24	29	15	22	13	11	11	12	<10	14	15	22	24	29	
12	<10	15	22	24	20	17	13	13	11	<10	<10	12	12	20	18	24	
13	<10	17	20	22	20	15	13	<10	<10	<10	<10	14	17	22	20	27	
14	388.8	388.8	396.0	403.2	403.2	393.6	374.4	374.4	374.4	388.8	417.6	432.0	424.8	417.6	417.6	417.6	
15	21	19	21	8	9	7	14	<10	<10	<10	<10	<10	10	14	19	21	
16	19	19	21	<7	9	12	12	<10	<10	<10	<10	<10	<10	14	19	19	
17	17	17	21	12	9	13	13	<10	<10	<10	<10	<10	<10	14	17	17	
18	19	14	21	9	12	14	12	<10	<10	<10	<10	<10	13	19	21	23	
19	16	16	17	8	7	13	<10	10	<10	<10	<10	<10	14	19	19	19	
20	16	17	14	8	7	11	<10	<10	<10	<10	<10	11	14	19	17	21	
21	388.8	388.8	388.8	194.4	194.4	326.4	388.8	388.8	388.8	403.2	424.8	432	432	432	432	432	
22																	
23	14	17	24	32	24	22	17	13	13	12	0	14	17	22	24	29	
24	21	19	21	12	12	14	14	10	0	0	0	11	14	19	21	23	
25	**21**	**19**	**24**	**32**	**24**	**22**	**17**	**13**	**13**	**12**	**0**	**14**	**17**	**22**	**24**	**29**	
26	**778**	**778**	**785**	**598**	**598**	**720**	**763**	**763**	**763**	**792**	**842**	**864**	**857**	**850**	**850**	**850**	
27														**Chlorine**	**(ppb)**	**(lbs/day)**	
28														**Monthly Average**	**21**	**776**	
29								**MONTHLY CHLORINE USE:**		**24,048**	**lbs.**			**Maximum**	**35**	**864**	
30														**Minimum**	**0**	**598**	
31														**Verify that values have correct references.**			
32												8/1/14 m6bx; Verified all row calcs to end at col AE for 31-day month.					
33																	
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		9/1/2014	9/2/2014	9/3/2014	9/4/2014	9/5/2014	9/6/2014	9/7/2014	9/8/2014	9/9/2014	9/10/2014	9/11/2014	9/12/2014	9/13/2014	9/14/2014	9/15/2014
8	Unit 1 TRC (ppb)	27	24	15	14	20	29	29	20	17	22	12	22	18	15	17
9		24	20	15	12	18	51	42	22	17	20	12	18	15	17	17
10		24	15	11	14	17	46	32	27	18	24	12	13	15	14	17
11		24	19	12	17	29	42	20	27	22	17	38	14	15	15	20
12		22	14	12	17	24	38	20	27	20	18	24	15	12	15	20
13		22	12	12	15	27	35	22	18	18	12	22	17	12	17	20
14	Unit 1 Cl2 Use (lbs)	417.6	417.6	417.6	417.6	424.8	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
15	Unit 2 TRC (ppb)	21	19	13	<10	14	19	16	13	13	12	13	11	<10	<10	<10
16		19	16	10	<10	14	21	17	13	13	14	13	<10	<10	<10	<10
17		17	11	<10	<10	12	21	19	16	13	16	16	<10	<10	<10	<10
18		21	11	<10	10	17	21	12	16	14	12	11	<10	<10	<10	10
19		17	<10	<10	12	17	17	12	14	13	11	11	<10	<10	<10	<10
20		19	12	<10	11	19	14	13	13	12	12	<10	<10	<10	<10	<10
21	Unit 2 Cl2 Use (lbs)	432.0	417.6	403.2	403.2	403.2	403.2	403.2	403.2	403.2	403.2	388.8	374.4	374.4	374.4	374.4
22																
23		27	24	15	17	29	51	42	27	22	24	38	22	18	17	20
24		21	19	13	12	19	21	19	16	14	16	16	11	0	0	10
25	Daily Maximum TRC (ppb)	**27**	**24**	**15**	**17**	**29**	**51**	**42**	**27**	**22**	**24**	**38**	**22**	**18**	**17**	**20**
26	Daily Cl2 Use (lbs)	**850**	**835**	**821**	**821**	**828**	**835**	**835**	**835**	**835**	**835**	**821**	**806**	**806**	**806**	**806**
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	**9/16/2014**	**9/17/2014**	**9/18/2014**	**9/19/2014**	**9/20/2014**	**9/21/2014**	**9/22/2014**	**9/23/2014**	**9/24/2014**	**9/25/2014**	**9/26/2014**	**9/27/2014**	**9/28/2014**	**9/29/2014**	**9/30/2014**	**10/1/2014**	
8	18	29	22	32	27	20	18	18	13	15	20	20	20	12	20		
9	22	22	27	38	24	18	17	18	14	18	20	20	24	13	20		
10	22	27	22	32	24	15	18	18	<10	17	20	24	18	11	17		
11	29	22	32	35	15	17	20	14	<10	20	20	20	17	18	14		
12	24	22	38	32	20	15	14	<10	14	20	20	18	15	14	15		
13	29	27	42	27	17	17	15	<10	17	20	24	20	14	14	18		
14	432.0	417.6	403.2	394.4	374.4	374.4	374.4	374.4	388.8	403.2	403.2	403.2	403.2	403.2	388.8		
15	<10	16	11	17	14	10	12	10	>10	>10	>10	>10	>10	>10	>10		
16	<10	11	13	19	14	10	11	>10	>10	>10	10	11	>10	>10	>10		
17	11	14	12	19	13	10	12	>10	>10	>10	11	11	>10	>10	>10		
18	11	11	22	19	10	<10	12	>10	>10	>10	>10	>10	>10	>10	>10		
19	13	12	22	13	<10	<10	<10	>10	>10	>10	>10	>10	>10	>10	>10		
20	14	14	22	17	<10	10	10	>10	>10	>10	>10	11	>10	>10	>10		
21	374.4	360.0	331.2	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8		
22																	
23	29	29	42	38	27	20	20	18	17	20	24	24	24	18	20	0	
24	14	16	22	19	14	10	12	10	0	0	11	11	0	0	0	0	
25	**29**	**29**	**42**	**38**	**27**	**20**	**20**	**18**	**17**	**20**	**24**	**24**	**24**	**18**	**20**	**0**	
26	**806**	**778**	**734**	**711**	**691**	**691**	**691**	**691**	**706**	**720**	**720**	**720**	**720**	**720**	**706**	**0**	
27														**Chlorine**	**(ppb)**	**(lbs/day)**	
28														**Monthly Average**	**25**	**773**	
29								**MONTHLY CHLORINE USE:**		**23,182**	**lbs.**			**Maximum**	**51**	**850**	
30														**Minimum**	**15**	**691**	
31														**Verify that values have correct references.**			
32												8/1/14 m6bx; Verified all row calcs to end at col AE for 30-day month.					
33																	
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.	Weight	Weighted TSS	Unused Volumes
LRW	72	PWR 0-1	9205	7/1/2014 11:12	O	<2	#N/A	ND(2)	0	0.26	0.00	
LRW		PWR 0-1 dup				<2	#N/A	ND(2)				
LRW	73	LDT 0-2	15574	7/2/2014 9:42	O	0.0	#N/A	ND(2)	0	0.44	0.00	
LRW		LDT 0-2 dup				0.0	#N/A	ND(2)				
LRW	74	LDT 0-1		7/3/2014 9:31	O							15,989
LRW	75	PWR 0-2	9780	7/9/2014 11:25	O	0.5	#N/A	ND(2)	0	0.28	0.00	
LRW		PWR 0-2 dup				0.4	#N/A	ND(2)				
LRW	76	LDT 0-1		7/17/2014 12:26	O							9,125
LRW	77	CDT 0-2	473	7/23/2014 11:21	O	84.0	1.0	83	74	0.01	1.00	
LRW		CDT 0-2 dupl				68.0	3.0	65				
LRW	78	LDT 0-2		7/24/2014 10:38	O							15,018
LRW	79	LDT 0-1		7/30/2014 10:48	O							14,907
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												

total volume of sampled tanks: 35,032

total sum of volume weights: 1.00

Monthly LRW TSS Average
1.00

Report <5 to reflect CDT 0-2 > RL

001D G&O 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	G&O for avg.	Weight	W. G&O	Unused Volumes
LRW	73	LDT 0-2	15574	7/2/2014 9:42	O	ND(1.4)	0.0	0.60	0.00	
LRW	75	PWR 0-2	9780	7/9/2014 11:25	O	ND(1.4)	0.0	0.38	0.00	
LRW	77	CDT 0-2	473	7/23/2014 11:21	O	DNQ(2.5)	2.5	0.02	0.05	
LRW										
LRW										
LRW										
LRW										
LRW										
LRW										

total volume of sampled tanks: 25,827

total sum of volume weights: 1.00

Monthly G&O Average
0.0

Report DNQ(1.4) to reflect CDT 0-2 >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.	Weight	Weighted TSS	Unused Volumes
LRW	80	DRR 0-2	10059	8/5/2014 8:20	O	0.2	#N/A	ND(2)	0.0	0.28	0.00	
LRW	81	LDT 0-2	15685	8/6/2014 10:30	O	0.0	#N/A	ND(2)	0.0	0.43	0.00	
LRW		LDT 0-2 dup				0.0	#N/A	ND(2)				
LRW	82	DRR 0-1	10024	8/16/2014 3:52	O	0.7	#N/A	ND(2)	0.0	0.28	0.00	
LRW	83	CDT 0-1	532	8/16/2014 0:13	O	18.0	2.0	16.0	16.0	0.01	0.23	
LRW	84	DRR 0-1		8/19/2014 10:00	O							9,396
LRW	85	LDT 0-1		8/20/2014 7:37	O							15,133
LRW	86	LDT 0-2		8/21/2014 22:28	O							15,089
LRW	87	LDT 0-1		8/22/2014 12:40	O							15,139
LRW	88	LDT 0-2		8/26/2014 8:11	O							15,022
LRW	89	LDT 0-1		8/27/2014 11:00	O							15,155
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												

total volume of sampled tanks: 36,300

total sum of volume weights: 1.00

Monthly LRW TSS Average

0.2

Report <5 because CDT 0-1 results >RL

001D G&O 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	G&O for avg.	Weight	W. G&O	Unused Volumes
LRW	80	DRR 0-2	10059	8/5/2014 8:20	O	ND(1.4)	0.0	0.95	0.00	
LRW	83	CDT 0-1	532	8/16/2014 0:13	O	ND(1.4)	0.0	0.05	0.00	
LRW										
LRW										
LRW										
LRW										
LRW										
LRW										
LRW										

total volume of sampled tanks: 10,591

total sum of volume weights: 1.00

Monthly G&O Average

0.0

Report ND(1.4)

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.	Weight	Weighted TSS	Unused Volumes
LRW	90	LDT 0-2		9/2/2014 10:34	O							15,043
LRW	91	LDT 0-1	15134	9/3/2014 10:21	O	0.4	#N/A	<2	0.0	0.426	0.00	
LRW		LDT 0-1 dup				0.3	#N/A	<2	0.0			
LRW	92	LDT 0-2		9/4/2014 9:28	O							13,643
LRW	93	CDT 0-2	524	9/9/2014 12:50	O	73.6	15.5	58.1	56.8	0.015	0.84	
LRW		CDT 0-2 dup				70.9	15.5	55.4				
LRW	94	PWR 0-2	9637	9/10/2014 9:43	O	0.1	#N/A	<2	0.0	0.272	0.00	
LRW	95	LDT 0-1		9/18/2014 10:40	O							15,113
LRW	96	PWR 0-1		9/19/2014 8:25	O							8,630
LRW	97	DRR 0-1	10192	9/23/2014 12:00	O	0.6	#N/A	<2	0.0	0.287	0.00	
LRW	98	PWR 0-2		9/24/2014 10:16	O							8,630
LRW	99	LDT 0-2		9/30/2014 8:50	O							15,033
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												
LRW												

total volume of sampled tanks: 35,487

total sum of volume weights: 1.00

Monthly LRW TSS Average

0.84

Report <5 because CDT >RL

001D G&O 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	G&O for avg.	Weight	W. G&O	Unused Volumes
LRW	93	CDT 0-2	524	9/9/2014 12:50	O	7.3	7.3	0.05	0.4	
LRW	94	PWR 0-2	9637	9/10/2014 9:43	O	ND(1.4)	0.0	0.95	0.0	
LRW										
LRW										
LRW										
LRW										
LRW										
LRW										
LRW										

total volume of sampled tanks: 10,161

total sum of volume weights: 1.00

Monthly G&O Average

0.4

Report <5.0 ppm because CDT result >RL.

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

0.72 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)

Day	Result	Daily Average	Average Qualifier	Results for Monthly Average	Report Monthly Average
7/1/2014	ND(0.72)	ND(0.72)	ND	0.00	DNQ(0.72)
	ND(0.72)				
	ND(0.72)				
7/8/2014	ND(0.72)	ND(0.72)	ND	0.00	**Daily Maximum**
	ND(0.72)				DNQ(0.72)
	ND(0.72)				
7/17/2014	ND(0.72)	DNQ(0.72)	DNQ	0.72	
	ND(0.72)				
	DNQ(0.99)				
7/23/2014	ND(0.72)	ND(0.72)	ND	0.00	
	ND(0.72)				
	ND(0.72)				
7/29/2014	DNQ(0.89)	DNQ(0.72)	DNQ	0.72	
	ND(0.72)				
	DNQ(0.88)				

Total Suspended Solids (mg/L)

Day	Result	Result for Average		Monthly Average
7/1/2014	5	5		7
7/8/2014	5	5		
7/17/2014	14	14		**Daily Maximum**
7/23/2014	4	4		14
7/29/2014	5	5		

Settleable Solids (ml/L)

Day	Result	Daily Average		Monthly Average
7/1/2014	DNQ(0.1)	DNQ(0.1)		DNQ(0.1)
7/8/2014	DNQ(0.1)	DNQ(0.1)		
7/17/2014	DNQ(0.1)	DNQ(0.1)		**Daily Maximum**
7/23/2014	DNQ(0.1)	DNQ(0.1)		DNQ(0.1)
7/29/2014	DNQ(0.1)	DNQ(0.1)		

	A	B	C	D	E	F	G
1	Navigati						
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		**0.72 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.**					
10							
11		**Oil and Grease (mg/L)**					
12							
13							
14		**Day**	**Result**	**Daily Average**	**Average Qualifier**	**Results for Monthly Average**	**Report Monthly Average**
15		8/7/2014	ND(0.72)	0.0	DNQ	DNQ(0.72)	DNQ(0.72)
16			DNQ(1.0)				
17			ND(0.72)				
18		8/12/2014	ND(0.72)	0.0	ND	ND(0.72)	**Daily Maximum**
19			ND(0.72)				DNQ(0.72)
20			ND(0.72)				
21		8/20/2014	ND(0.72)	0.0	ND	ND(0.72)	
22			ND(0.72)				
23			ND(0.72)				
24		8/25/2014	ND(0.72)	0.0	ND	ND(0.72)	
25			ND(0.72)				
26			ND(0.72)				
27							
28							
29							
30							
31							
32		**Total Suspended Solids (mg/L)**					
33							
34		**Day**	**Result**	**Result for Average**		**Monthly Average**	
35		8/7/2014	8	8		5	
36		8/12/2014	3	0			
37		8/20/2014	5	5		**Daily Maximum**	
38		8/25/2014	5	5		8	
39							
40							
41							
42		**Settleable Solids (ml/L)**					
43							
44		**Day**	**Result**	**Daily Average**		**Monthly Average**	
45		8/7/2014	DNQ(0.1)	DNQ(0.1)		DNQ(0.1)	
46		8/12/2014	DNQ(0.1)	DNQ(0.1)			
47		8/20/2014	DNQ(0.1)	DNQ(0.1)		**Daily Maximum**	
48		8/25/2014	DNQ(0.1)	DNQ(0.1)		DNQ(0.1)	
49							
50							
51							
52							

	A	B	C	D	E	F	G
1	Navigatio						
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		**0.72 mg/L is O&G Method 1664A MDL for contract lab that performs 001N O&G analysis.**					
8		**5.0 mg/L is O&G Method 1664 Reporting Limit.**					
9		**Results >RL are reported to the Water Board to the nearest tenth mg/L.**					
10							
11		**Oil and Grease (mg/L)**					
12							
13							
14		**Day**	**Result**	**Daily Average**	**Average Qualifier**	**Results for Monthly Average**	**Report Monthly Average**
15		9/2/2014	ND(0.72)	0.0	ND	ND(0.72)	DNQ(0.72)
16			ND(0.72)				
17			ND(0.72)				
18		9/9/2014	ND(0.72)	0.4	DNQ	DNQ(0.72)	**Daily Maximum**
19			ND(0.72)				DNQ(0.72)
20			DNQ(1.7)				
21		9/18/2014	ND(0.72)	0.3	DNQ	DNQ(0.72)	
22			ND(0.72)				
23			DNQ(0.89)				
24		9/23/2014	ND(0.72)	0.4	DNQ	DNQ(0.72)	
25			ND(0.72)				
26			DNQ(1.2)				
27							
28							
29							
30							
31							
32		**Total Suspended Solids (mg/L)**					
33							
34		**Day**	**Result**	**Result for Average**		**Monthly Average**	
35		9/2/2014	8	8		8	
36		9/9/2014	13	13			
37		9/18/2014	6	6		**Daily Maximum**	
38		9/23/2014	4	4		13	
39							
40							
41							
42		**Settleable Solids (ml/L)**					
43							
44		**Day**	**Result**	**Daily Average**		**Monthly Average**	
45		9/2/2014	DNQ(0.1)	0.0		DNQ(0.1)	
46		9/9/2014	DNQ(0.1)	0.0			
47		9/18/2014	DNQ(0.1)	0.0		**Daily Maximum**	
48		9/23/2014	DNQ(0.1)	0.0		DNQ(0.1)	
49							
50							
51							
52							

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2													
3		**Miscellaneous Daily Duplicate and Daily Average Calculations for Monthly eSMR**											
4													
5													
6		**Date**	**Time**	**Analysis Date**	**Location**	**Unit**	**Parameter**	**Result**	**Average Result for Day**				
7													
8		7/3/2014	7:50	7/3/2014	001P	N/A	pH	7.79	7.8				
9		7/3/2014	7:50	7/3/2014	001P	N/A	pH	7.82					
10													
11		7/8/2014	12:40	7/8/2014	002	1	pH	8.18	8.2				
12		7/8/2014	12:47	7/8/2014	002	2	pH	8.17					
13													
14													
15		**TSS Calculations for Monthly eSMR (mg/L)**											
16													
17		**2.0 mg/L is MDL. 5.0 mg/L is Reporting Limit.**											
18		**Results are reported to the Water Board to whole numbers only (no tenths).**											
19											**Daily**	**Monthly**	
20		**Date**	**Time**	**Analysis Date**	**Location**	**Unit**	**Sample TSS**	**Filtrate TSS**	**Net TSS**	**Eff. for Avg.**	**Average**	**Average**	
21													
22		7/7/2014	12:50	7/7/2014	001F	N/A	1.8	0.4	<2	0	ND(2)	ND(2)	
23		7/7/2014	12:50	7/7/2014	001F	N/A	0.9	0.0	<2	0			
24													
25		7/1/2014	18:10	7/1/2014	001H	1	4.1	0.3	3.8	4	DNQ(2)	DNQ(2)	
26		7/2/2014	4:40	7/2/2014	001H	2	0.0	0.2	<2	0			
27													
28		7/10/2014	8:35	7/10/2014	001L	1	0.0	#N/A	<2	0	ND(2)	ND(2)	
29		7/10/2014	8:43	7/10/2014	001L	2	0.0	#N/A	<2	0			
30													
31		7/3/2014	7:50	7/7/2014	001P	N/A	12.5	1.1	11.4	11	30	15	
32		7/3/2014	13:11	7/7/2014	001P	N/A	47.0	1.0	46.0	46			
33		7/3/2014	15:03	7/7/2014	001P	N/A	33.3	0.7	32.6	33			
34		7/16/2014	9:00	7/16/2014	001P	N/A	1.0	0.8	0.2	0	DNQ(2)		
35		7/16/2014	12:00	7/16/2014	001P	N/A	1.5	0.6	0.9	0			
36		7/16/2014	15:00	7/18/2014	001P	N/A	3.4	0.4	3.0	3			
37													
38		7/8/2014	12:40	7/10/2014	002	1	1.0	0.2	0.8	0	DNQ(2)	DNQ(2)	
39		7/8/2014	12:47	7/10/2014	002	2	2.0	0.1	1.9	2			
40													
41		7/8/2014	13:05	7/10/2014	003	N/A	4.4	0.1	4.3	4	5	5	
42		7/8/2014	13:05	7/10/2014	003	N/A	6.2	0.0	6.2	6			
43													
44													
45													
46													
47													
48													

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2													
3		**Miscellaneous Daily Duplicate and Daily Average Calculations for Monthly eSMR**											
4													
5													
6		**Date**	**Time**	**Analysis Date**	**Location**	**Unit**	**Parameter**	**Result**	**Average Result for Day**				
7													
8		8/5/2014	11:30	8/5/2014	001P	N/A	pH	7.65	7.7				
9		8/5/2014	11:30	8/5/2014	001P	N/A	pH	7.66					
10													
11		8/6/2014	11:43	8/6/2014	002	1	pH	7.92	7.9				
12		8/6/2014	11:47	8/6/2014	002	2	pH	7.91					
13													
14													
15		**TSS Calculations for Monthly eSMR (mg/L)**											
16													
17		**2.0 mg/L is MDL. 5.0 mg/L is Reporting Limit.**											
18		**Results are reported to the Water Board to whole numbers only (no tenths).**											
19											**Daily**	**Monthly**	
20		**Date**	**Time**	**Analysis Date**	**Location**	**Unit**	**Sample TSS**	**Filtrate TSS**	**Net TSS**	**Eff. for Avg.**	**Average**	**Average**	
21													
22		8/1/2014	13:00	8/1/2014	001F	N/A	2.6	0.2	2	2	DNQ(3)	DNQ(3)	
23		8/1/2014	13:00	8/1/2014	001F	N/A	2.9	0.0	3	3			
24													
25		8/2/2014	2:30	8/2/2014	001H	1	0.7	0.7	<2	0	DNQ(2)	DNQ(3)	
26		8/2/2014	16:30	8/2/2014	001H	2	4.9	1.9	3	3			
27		8/3/2014	15:45	8/3/2014	001H	1	3.6	0.6	3	3	DNQ(3)		
28													
29		8/5/2014	9:50	8/8/2014	001L	1	0.0	#N/A	<2	0	ND(2)	ND(2)	
30		8/5/2014	9:45	8/8/2014	001L	2	0.0	#N/A	<2	0			
31													
32		8/5/2014	8:45	8/7/2014	001P	N/A	1.3	0.4	<2	0	DNQ(2)	DNQ(2)	
33		8/5/2014	11:30	8/7/2014	001P	N/A	2.7	0.7	2	2			
34		8/5/2014	14:30	8/7/2014	001P	N/A	0.9	0.7	<2	0			
35													
36		8/6/2014	11:43	8/8/2014	002	1	4.5	0.3	4	4	DNQ(4)	DNQ(4)	
37		8/6/2014	11:47	8/8/2014	002	2	3.1	0.2	3	3			
38													
39		8/6/2014	12:05	8/8/2014	003	N/A	2.3	0.1	2	2	DNQ(2)	DNQ(2)	
40		8/6/2014	12:05	8/8/2014	003	N/A	1.1	0.2	<2	0			
41													
42													
43													
44													
45													
46													
47													
48													

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2													
3		**Miscellaneous Daily Duplicate and Daily Average Calculations for Monthly eSMR**											
4													
5													
6		**Date**	**Time**	**Analysis Date**	**Location**	**Unit**	**Parameter**	**Result**	**Average Result for Day**				
7													
8		9/2/2014	10:30	9/2/2014	001P	N/A	pH	7.68	7.7				
9		9/2/2014	10:30	9/2/2014	001P	N/A	pH	7.69					
10													
11		9/2/2014	10:00	9/2/2014	002	1	pH	7.90	7.9				
12		9/2/2014	10:05	9/2/2014	002	2	pH	7.88					
13													
14													
15		**TSS Calculations for Monthly eSMR (mg/L)**											
16													
17		**2.0 mg/L is MDL. 5.0 mg/L is Reporting Limit.**											
18		**Results are reported to the Water Board to whole numbers only (no tenths).**											
19											**Daily**	**Monthly**	
20		**Date**	**Time**	**Analysis Date**	**Location**	**Unit**	**Sample TSS**	**Filtrate TSS**	**Net TSS**	**Eff. for Avg.**	**Average**	**Average**	
21													
22		9/2/2014	11:55	9/4/2014	001F	N/A	1.5	0.2	<2	0	ND(2)	ND(2)	
23		9/2/2014	11:55	9/4/2014	001F	N/A	1.6	0.3	<2	0			
24													
25		9/1/2014	8:10	9/1/2014	001H	1	0.0	0.5	<2	0	ND(2)	ND(2)	
26		9/1/2014	17:30	9/1/2014	001H	2	2.1	0.9	<2	0			
27													
28		9/5/2014	14:15	9/5/2014	001L	1	<0.1	#N/A	<2	0	ND(2)	ND(2)	
29		9/5/2014	14:20	9/5/2014	001L	2	0.1	#N/A	<2	0			
30													
31		9/2/2014	7:15	9/4/2014	001P	N/A	4.3	0.7	3.6	4	DNQ(3)	DNQ(3)	
32		9/2/2014	10:30	9/4/2014	001P	N/A	3.0	0.4	2.6	3			
33		9/2/2014	14:45	9/4/2014	001P	N/A	2.8	0.3	2.5	3			
34													
35		9/2/2014	10:00	9/3/2014	002	1	1.0	0.6	<2	0	ND(2)	ND(2)	
36		9/2/2014	10:05	9/3/2014	002	2	0.9	0.4	<2	0			
37													
38		9/2/2014	9:15	9/4/2014	003	N/A	7.8	0.2	7.6	8	8	8	
39		9/2/2014	9:15	9/4/2014	003	N/A	7.4	0.3	7.1	7			
40													
41													
42													
43													
44													
45													
46													
47													
48													

Diablo Canyon Power Plant
2014 Third Quarter Contract Lab Results

PDF Page	Description
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5 - 7	001N Oil & Grease – 07/08/2014
8 - 10	001N Oil & Grease – 07/17/2014
11 - 13	001N Oil & Grease – 07/23/2014
14 - 16	001N Oil & Grease – 07/29/2014
17 - 19	001N Oil & Grease – 08/07/2014
20 - 22	001N Oil & Grease – 08/12/2014
23 - 25	001N Oil & Grease – 08/20/2014
26 - 28	001N Oil & Grease – 08/25/2014
29 - 31	001N Oil & Grease – 09/02/2014
32 - 34	001N Oil & Grease – 09/09/2014
35 - 37	001N Oil & Grease – 09/18/2014
38 - 40	001N Oil & Grease – 09/23/2014
41	001N Suspended Solids, Settleable Solids – 07/01/2014
42	001N Suspended Solids, Settleable Solids – 07/08/2014
43	001N Suspended Solids, Settleable Solids – 07/17/2014
44	001N Suspended Solids, Settleable Solids – 07/23/2014
45	001N Suspended Solids, Settleable Solids – 07/29/2014
46	001N Suspended Solids, Settleable Solids – 08/07/2014
47	001N Suspended Solids, Settleable Solids – 08/12/2014
48	001N Suspended Solids, Settleable Solids – 08/20/2014
49	001N Suspended Solids, Settleable Solids – 08/25/2014
50	001N Suspended Solids, Settleable Solids – 09/02/2014
51	001N Suspended Solids, Settleable Solids – 09/09/2014
52	001N Suspended Solids, Settleable Solids – 09/18/2014
53	001N Suspended Solids, Settleable Solids – 09/23/2014
54	001D Mercury – 06/25/2014 to 09/02/2014 Composite 001F Mercury – 07/03/2014 to 07/13/2014 Composite 001H, Unit 1 Mercury – 06/24/2014 to 09/08/2014 Composite 001H, Unit 2 Mercury – 07/08/2014 to 09/15/2014 Composite 001L, Unit 1 Mercury – 07/02/2014 to 09/10/2014 Composite 001L, Unit 2 Mercury – 07/02/2014 to 09/10/2014 Composite
55 - 56	Intake, Discharge 001 Ammonia as Nitrogen – 07/15/2014
57 - 60	Discharge 001 Acute Toxicity Test – 07/15/2014
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BSK Associates
Engineers & Laboratories

Certificate of Analysis

Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 07/10/2014 21:52
Received Date: 07/02/2014
Received Time: 11:38

Lab Sample ID: A4G0342-01
Sample Date: 07/01/2014 07:27
Sample Type: Grab

Client Project: 14-3678 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A408296	07/05/14	07/09/14	

BSK Associates
Engineers & Laboratories

Certificate of Analysis

Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 07/10/2014 21:52
Received Date: 07/02/2014
Received Time: 11:38

Lab Sample ID: A4G0342-02
Sample Date: 07/01/2014 07:39
Sample Type: Grab

Client Project: 14-3678 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A408296	07/05/14	07/09/14	

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Engineers & Laboratories

Certificate of Analysis

Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 07/10/2014 21:52
Received Date: 07/02/2014
Received Time: 11:38

Lab Sample ID: A4G0342-03
Sample Date: 07/01/2014 07:51
Sample Type: Grab

Client Project: 14-3678 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A408296	07/05/14	07/09/14	

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Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 07/14/2014 21:47
Received Date: 07/09/2014
Received Time: 11:00

Lab Sample ID: A4G0904-01
Sample Date: 07/08/2014 10:53
Sample Type: Grab

Client Project: 14-3809 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A408655	07/11/14	07/12/14	

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BSK Associates
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Certificate of Analysis

Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 07/14/2014 21:47
Received Date: 07/09/2014
Received Time: 11:00

Lab Sample ID: A4G0904-02
Sample Date: 07/08/2014 11:13
Sample Type: Grab

Client Project: 14-3809 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A408655	07/11/14	07/12/14	

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141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 07/14/2014 21:47
Received Date: 07/09/2014
Received Time: 11:00

Lab Sample ID: A4G0904-03
Sample Date: 07/08/2014 11:33
Sample Type: Grab

Client Project: 14-3809 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A408655	07/11/14	07/12/14	

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Report Issue Date: 08/01/2014 16:58
Received Date: 07/18/2014
Received Time: 12:45

Lab Sample ID: A4G1863-01
Sample Date: 07/17/2014 07:34
Sample Type: Grab

Client Project: 14-4049 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A409405	07/28/14	07/29/14	

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Report Issue Date: 08/01/2014 16:58
Received Date: 07/18/2014
Received Time: 12:45

Lab Sample ID: A4G1863-02
Sample Date: 07/17/2014 07:46
Sample Type: Grab

Client Project: 14-4049 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A409405	07/28/14	07/29/14	

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Abalone Coast Analytical, Inc.
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San Luis Obispo, CA 93401

Report Issue Date: 08/01/2014 16:58
Received Date: 07/18/2014
Received Time: 12:45

Lab Sample ID: A4G1863-03
Sample Date: 07/17/2014 07:58
Sample Type: Grab

Client Project: 14-4049 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	**0.99**	0.72	5.0	mg/L	1		A409405	07/28/14	07/29/14	J

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Report Issue Date: 08/07/2014 13:01
Received Date: 07/24/2014
Received Time: 10:40

Lab Sample ID: A4G2317-01
Sample Date: 07/23/2014 07:26
Sample Type: Grab

Client Project: 14-4168 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A409604	07/31/14	08/01/14	

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Report Issue Date: 08/07/2014 13:01
Received Date: 07/24/2014
Received Time: 10:40

Lab Sample ID: A4G2317-02
Sample Date: 07/23/2014 07:29
Sample Type: Grab

Client Project: 14-4168 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A409604	07/31/14	08/01/14	

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Report Issue Date: 08/07/2014 13:01
Received Date: 07/24/2014
Received Time: 10:40

Lab Sample ID: A4G2317-03
Sample Date: 07/23/2014 07:41
Sample Type: Grab

Client Project: 14-4168 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A409604	07/31/14	08/01/14	

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Report Issue Date: 08/13/2014 16:41
Received Date: 07/30/2014
Received Time: 10:00

Lab Sample ID: A4G2731-01
Sample Date: 07/29/2014 07:57
Sample Type: Grab

Client Project: 14-5088 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	**0.89**	0.72	5.0	mg/L	1		A409900	08/06/14	08/07/14	J

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Report Issue Date: 08/13/2014 16:41
Received Date: 07/30/2014
Received Time: 10:00

Lab Sample ID: A4G2731-02
Sample Date: 07/29/2014 08:12
Sample Type: Grab

Client Project: 14-5088 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A409900	08/06/14	08/07/14	

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Report Issue Date: 08/13/2014 16:41
Received Date: 07/30/2014
Received Time: 10:00

Lab Sample ID: A4G2731-03
Sample Date: 07/29/2014 08:24
Sample Type: Grab

Client Project: 14-5088 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	**0.88**	0.72	5.0	mg/L	1		A409900	08/06/14	08/07/14	J

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Report Issue Date: 08/22/2014 13:41
Received Date: 08/08/2014
Received Time: 10:13

Lab Sample ID: A4H0807-01
Sample Date: 08/07/2014 08:40
Sample Type: Grab

Client Project: 14-5296 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A410329	08/14/14	08/16/14	

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Report Issue Date: 08/22/2014 13:41
Received Date: 08/08/2014
Received Time: 10:13

Lab Sample ID: A4H0807-02
Sample Date: 08/07/2014 08:52
Sample Type: Grab

Client Project: 14-5296 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	**1.0**	0.72	5.0	mg/L	1		A410329	08/14/14	08/16/14	J

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Report Issue Date: 08/22/2014 13:41
Received Date: 08/08/2014
Received Time: 10:13

Lab Sample ID: A4H0807-03
Sample Date: 08/07/2014 09:04
Sample Type: Grab

Client Project: 14-5296 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A410329	08/14/14	08/16/14	

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Report Issue Date: 08/26/2014 11:47
Received Date: 08/13/2014
Received Time: 11:15

Lab Sample ID: A4H1178-01
Sample Date: 08/12/2014 08:40
Sample Type: Grab

Client Project: 14-5387 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A410615	08/20/14	08/21/14	

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Report Issue Date: 08/26/2014 11:47
Received Date: 08/13/2014
Received Time: 11:15

Lab Sample ID: A4H1178-02
Sample Date: 08/12/2014 08:52
Sample Type: Grab

Client Project: 14-5387 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A410615	08/20/14	08/21/14	

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Report Issue Date: 08/26/2014 11:47
Received Date: 08/13/2014
Received Time: 11:15

Lab Sample ID: A4H1178-03
Sample Date: 08/12/2014 09:04
Sample Type: Grab

Client Project: 14-5387 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A410615	08/20/14	08/21/14	

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Report Issue Date: 09/04/2014 12:59
Received Date: 08/21/2014
Received Time: 10:21

Lab Sample ID: A4H2048-01
Sample Date: 08/20/2014 08:18
Sample Type: Grab

Client Project: 14-5579 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411115	08/29/14	08/31/14	

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Report Issue Date: 09/04/2014 12:59
Received Date: 08/21/2014
Received Time: 10:21

Lab Sample ID: A4H2048-02
Sample Date: 08/20/2014 08:30
Sample Type: Grab

Client Project: 14-5579 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411115	08/29/14	08/31/14	

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Report Issue Date: 09/04/2014 12:59
Received Date: 08/21/2014
Received Time: 10:21

Lab Sample ID: A4H2048-03
Sample Date: 08/20/2014 08:42
Sample Type: Grab

Client Project: 14-5579 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411115	08/29/14	08/31/14	

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Report Issue Date: 09/10/2014 9:16
Received Date: 08/26/2014
Received Time: 12:06

Lab Sample ID: A4H2404-01
Sample Date: 08/25/2014 08:58
Sample Type: Grab

Client Project: 14-5656 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411283	09/03/14	09/04/14	

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San Luis Obispo, CA 93401

Report Issue Date: 09/10/2014 9:16
Received Date: 08/26/2014
Received Time: 12:06

Lab Sample ID: A4H2404-02
Sample Date: 08/25/2014 09:13
Sample Type: Grab

Client Project: 14-5656 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411283	09/03/14	09/04/14	

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Report Issue Date: 09/10/2014 9:16
Received Date: 08/26/2014
Received Time: 12:06

Lab Sample ID: A4H2404-03
Sample Date: 08/25/2014 09:28
Sample Type: Grab

Client Project: 14-5656 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411283	09/03/14	09/04/14	

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Report Issue Date: 09/17/2014 15:51
Received Date: 09/03/2014
Received Time: 10:00

Lab Sample ID: A4I0163-01
Sample Date: 09/02/2014 09:00
Sample Type: Grab

Client Project: 14-5803 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411595	09/10/14	09/11/14	

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Report Issue Date: 09/17/2014 15:51
Received Date: 09/03/2014
Received Time: 10:00

Lab Sample ID: A4I0163-02
Sample Date: 09/02/2014 09:16
Sample Type: Grab

Client Project: 14-5803 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411595	09/10/14	09/11/14	

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141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 09/17/2014 15:51
Received Date: 09/03/2014
Received Time: 10:00

Lab Sample ID: A4I0163-03
Sample Date: 09/02/2014 09:34
Sample Type: Grab

Client Project: 14-5803 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411595	09/10/14	09/11/14	

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Report Issue Date: 09/24/2014 15:01
Received Date: 09/10/2014
Received Time: 11:43

Lab Sample ID: A4I0921-01
Sample Date: 09/09/2014 09:12
Sample Type: Grab

Client Project: 14-5954 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411790	09/15/14	09/16/14	

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San Luis Obispo, CA 93401

Report Issue Date: 09/24/2014 15:01
Received Date: 09/10/2014
Received Time: 11:43

Lab Sample ID: A410921-02
Sample Date: 09/09/2014 09:24
Sample Type: Grab

Client Project: 14-5954 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

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Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A411790	09/15/14	09/16/14	

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Report Issue Date: 09/24/2014 15:01
Received Date: 09/10/2014
Received Time: 11:43

Lab Sample ID: A4I0921-03
Sample Date: 09/09/2014 09:36
Sample Type: Grab

Client Project: 14-5954 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	**1.7**	0.72	5.0	mg/L	1		A411790	09/15/14	09/16/14	J

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Report Issue Date: 10/03/2014 11:22
Received Date: 09/19/2014
Received Time: 12:00

Lab Sample ID: A4I1930-01
Sample Date: 09/18/2014 09:17
Sample Type: Grab

Client Project: 14-6195 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A412255	09/24/14	09/25/14	

1414 Stanislaus St Fresno, CA, 93706 559-497-2888 FAX 559-485-6935 www.bskassociates.com

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Certificate of Analysis

Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 10/03/2014 11:22
Received Date: 09/19/2014
Received Time: 12:00

Lab Sample ID: A4I1930-02
Sample Date: 09/18/2014 09:35
Sample Type: Grab

Client Project: 14-6195 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A412255	09/24/14	09/25/14	

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Certificate of Analysis

Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 10/03/2014 11:22
Received Date: 09/19/2014
Received Time: 12:00

Lab Sample ID: A4I1930-03
Sample Date: 09/18/2014 09:56
Sample Type: Grab

Client Project: 14-6195 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	**0.89**	0.72	5.0	mg/L	1		A412255	09/24/14	09/25/14	J

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Certificate of Analysis

Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 10/01/2014 14:55
Received Date: 09/24/2014
Received Time: 10:30

Lab Sample ID: A4I2251-01
Sample Date: 09/23/2014 09:53
Sample Type: Grab

Client Project: 14-6261 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A412255	09/24/14	09/25/14	

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Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 10/01/2014 14:55
Received Date: 09/24/2014
Received Time: 10:30

Lab Sample ID: A412251-02
Sample Date: 09/23/2014 10:14
Sample Type: Grab

Client Project: 14-6261 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	ND	0.72	5.0	mg/L	1		A412255	09/24/14	09/25/14	

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Amanda Smith
Abalone Coast Analytical, Inc.
141 Suburban, Suite C-1
San Luis Obispo, CA 93401

Report Issue Date: 10/01/2014 14:55
Received Date: 09/24/2014
Received Time: 10:30

Lab Sample ID: A4I2251-03
Sample Date: 09/23/2014 10:35
Sample Type: Grab

Client Project: 14-6261 DCWWTP
Sampled by: Client
Matrix: Water

Sample Description: Decant Arm

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	MCL	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)											
Total Oil & Grease	EPA 1664A	**1.2**	0.72	5.0	mg/L	1		A412255	09/24/14	09/25/14	J

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

Order #: 14-3678
Date/Time Rec'd: 7/1/14 1251

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**	**7/1/14 0727**	Suspended Solids	SM 2540 D.	**5.**	2.57	3.	1	mg/L	**07/02/14**
-2	**Decant Arm**	**7/1/14 0740**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/01/14**

SUB Oil & Grease

Report Completion date: **7/2/14**

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
	3668-1	**7/2/2014**	Suspended Solids	SM 2540D	13.	mg/L		
Duplicate	**3668-1**	**7/2/2014**	Suspended Solids Dup.	SM 2540D	14.	mg/L		**< 5% of Average**
					Rec 107%			
Blank	ASTM II water	**7/2/2014**	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 #: 14-3809
Date/Time Rec'd: 7/8/14 1338

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

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

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**7/8/14 1053**	Suspended Solids	SM 2540 D.	**5.**	2.57	3.	1	mg/L	**07/11/14**
-2	**Decant Arm**	**7/8/14 1118**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/08/14**

SUB Oil & Grease

Report Completion date: **7/14/14**

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

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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
	3802-1	**7/11/2014**	Suspended Solids	SM 2540D	10.	mg/L		
Duplicate	**3802-1**	**7/11/2014**	Suspended Solids Dup.	SM 2540D	12.	mg/L		**< 5% of Average**
					Rec 83 %			
Blank	ASTM II water	**7/11/2014**	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 #: 14-4049
Date/Time Rec'd: 7/17/14 1242

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**	**7/17/14 0734**	Suspended Solids	SM 2540 D.	**14.**	2.57	3.	1	mg/L	**07/22/14**
-2	**Decant Arm**	**7/17/14 0745**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/17/14**

SUB Oil & Grease

Report Completion date: **7/22/14**

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
	4055-2	**7/22/2014**	Suspended Solids	SM 2540D	373.	mg/L		
Duplicate	**4055-2**	**7/22/2014**	Suspended Solids Dup.	SM 2540D	418.	mg/L		**< 5% of Average**
					Rec 109%			
Blank	ASTM II water	**7/22/2014**	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 #: 14-4168
Date/Time Rec'd: 7/23/14 1315

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**	**7/23/14 0720**	Suspended Solids	SM 2540 D.	**4.**	2.57	3.	1	mg/L	**07/24/14**
-2	**Decant Arm**	**7/23/14 0738**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/23/14**

SUB Oil & Grease

Report Completion date: **7/25/14**

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
	4137-1	**7/24/2014**	Suspended Solids	SM 2540D	20.7	mg/L		
Duplicate	**4137-1**	**7/24/2014**	Suspended Solids Dup.	SM 2540D	20.7	mg/L		**< 5% of Average**
					Rec 100%			
Blank	ASTM II water	**7/24/2014**	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 #: 14-5088
Date/Time Rec'd: 7/29/14 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**	**7/29/14 0757**	Suspended Solids	SM 2540 D.	**5.**	2.57	3.	1	mg/L	**08/03/14**
-2	**Decant Arm**	**7/29/14 0815**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**07/30/14**

SUB Oil & Grease

Report Completion date: **8/4/14**

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
			Suspended Solids	SM 2540D		mg/L		
Duplicate			Suspended Solids Dup.	SM 2540D		mg/L		**< 5% of Average**
Blank	ASTM II water		Suspended Solids	SM 2540D		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 #: 14-5296
Date/Time Rec'd: 8/7/14 1440

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**	**8/7/14 0840**	Suspended Solids	SM 2540 D.	**8.**	2.57	3.	1	mg/L	**08/10/14**
-2	**Decant Arm**	**8/7/14 0850**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**08/07/14**

SUB Oil & Grease

Report Completion date: **8/11/14**

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
	14-5246	**8/10/2014**	Suspended Solids	SM 2540D	5.	mg/L		
Duplicate	**14-5246**	**8/10/2014**	Suspended Solids Dup.	SM 2540D	5.	mg/L		**< 5% of Average**
					100% Rec			
Blank	ASTM II water	**8/10/2014**	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 #: 14-5387
Date/Time Rec'd: 8/12/14 1345

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**	**8/12/14 0840**	Suspended Solids	SM 2540 D.	**3.**	2.57	3.	1	mg/L	**08/14/14**
-2	**Decant Arm**	**8/12/14 0900**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**08/12/14**

SUB Oil & Grease

Report Completion date: **8/15/14**

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
	14-5391-1	**8/14/2014**	Suspended Solids	SM 2540D	4.	mg/L		
Duplicate	**14-5391-1**	**8/14/2014**	Suspended Solids Dup.	SM 2540D	4.	mg/L		**< 5% of Average**
					100% Rec			
Blank	ASTM II water	**8/14/2014**	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 #: 14-5579
Date/Time Rec'd: 8/20/14 1543

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**	**8/20/14 0818**	Suspended Solids	SM 2540 D.	**5.**	2.57	3.	1	mg/L	**08/21/14**
-2	**Decant Arm**	**8/20/14 0830**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**08/20/14**

SUB Oil & Grease

Report Completion date: **8/22/14**

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
	14-5558-3	**8/21/2014**	Suspended Solids	SM 2540D	360.	mg/L		
Duplicate	**14-5558-3**	**8/21/2014**	Suspended Solids Dup.	SM 2540D	364.	mg/L		**< 5% of Average**
					101% Rec			
Blank	ASTM II water	**8/21/2014**	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 #: 14-5656
Date/Time Rec'd: 8/25/14 1409

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**	**8/25/14 0858**	Suspended Solids	SM 2540 D.	**5.**	2.57	3.	1	mg/L	**08/28/14**
-2	**Decant Arm**	**8/25/14 0915**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**08/25/14**

SUB Oil & Grease

Report Completion date: **8/28/14**

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

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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
	5692-1	**8/28/2014**	Suspended Solids	SM 2540D	21.	mg/L		
Duplicate	**5692-1**	**8/28/2014**	Suspended Solids Dup.	SM 2540D	21.	mg/L		**< 5% of Average**
					Rec 100 %			
Blank	ASTM II water	**8/28/2014**	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 #: 14-5803
Date/Time Rec'd: 9/2/14 1445

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**	**9/2/14 0901**	Suspended Solids	SM 2540 D.	**8.**	2.57	3.	1	mg/L	**09/02/14**
-2	**Decant Arm**	**9/2/14 0920**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**09/02/14**

SUB Oil & Grease

Report Completion date: **9/3/14**

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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State of California CDPH ELAP 2661

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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
	5803-1	**9/2/2014**	Suspended Solids	SM 2540D	8.	mg/L		
Duplicate	**5803-1**	**9/2/2014**	Suspended Solids Dup.	SM 2540D	7.	mg/L		**< 5% of Average**
					Rec 114%			
Blank	ASTM II water	**9/2/2014**	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 #: 14-5954
Date/Time Rec'd: 9/9/14 1429

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**	**9/9/14 0912**	Suspended Solids	SM 2540 D.	**13.**	2.57	3.	1	mg/L	**09/11/14**
-2	**Decant Arm**	**9/9/14 0920**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**09/10/14**

SUB Oil & Grease

Report Completion date: **9/11/14**

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
	5906-1	**9/11/2014**	Suspended Solids	SM 2540D	10.	mg/L		
Duplicate	**5906-1**	**9/11/2014**	Suspended Solids Dup.	SM 2540D	10.	mg/L		**< 5% of Average**
					Rec 98%			
Blank	ASTM II water	**9/11/2014**	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 #: 14-6195
Date/Time Rec'd: 9/18/14 1525

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**	**9/18/14 0917**	Suspended Solids	SM 2540 D.	**6.**	2.57	3.	1	mg/L	**09/23/14**
-2	**Decant Arm**	**9/18/14 0935**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**09/18/14**

SUB Oil & Grease

Report Completion date: **9/23/14**

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
	6194-4	**9/23/2014**	Suspended Solids	SM 2540D	2920.	mg/L		
Duplicate	**6194-4**	**9/23/2014**	Suspended Solids Dup.	SM 2540D	2840.	mg/L		**< 5% of Average**
					Rec 97%			
Blank	ASTM II water	**9/23/2014**	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 #: 14-6261
Date/Time Rec'd: 9/23/14 1446

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**	**9/23/14 0953**	Suspended Solids	SM 2540 D.	**4.**	2.57	3.	1	mg/L	**09/24/14**
-2	**Decant Arm**	**9/23/14 1015**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**09/23/14**

SUB Oil & Grease

Report Completion date: **9/24/14**

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
	6194-2	**9/24/2014**	Suspended Solids	SM 2540D	260.	mg/L		
Duplicate	**6194-2**	**9/24/2014**	Suspended Solids Dup.	SM 2540D	240.	mg/L		**< 5% of Average**
					Rec 92%			
Blank	ASTM II water	**9/24/2014**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Client Sample ID: 001F OWS 3RD QTR 2014 COMPOSITE — **Lab Sample ID: 160-8518-1**
Date Collected: 09/17/14 12:30 — **Matrix: Water**
Date Received: 09/24/14 08:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.050	ug/L		09/30/14 10:00	10/01/14 10:34	1

Client Sample ID: 001H U-1 CDRS 3RD QTR 2014 COMPOSITE — **Lab Sample ID: 160-8518-2**
Date Collected: 09/17/14 12:30 — **Matrix: Water**
Date Received: 09/24/14 08:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.050	ug/L		09/30/14 10:00	10/01/14 10:36	1

Client Sample ID: 001H U-2 CDRS 3RD QTR 2014 COMPOSITE — **Lab Sample ID: 160-8518-3**
Date Collected: 09/17/14 12:30 — **Matrix: Water**
Date Received: 09/24/14 08:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.050	ug/L		09/30/14 10:00	10/01/14 10:39	1

Client Sample ID: 001L U-1 SGBD 3RD QTR 2014 COMPOSITE — **Lab Sample ID: 160-8518-4**
Date Collected: 09/17/14 12:30 — **Matrix: Water**
Date Received: 09/24/14 08:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.050	ug/L		09/30/14 10:00	10/01/14 10:41	1

Client Sample ID: 001L U-2 SGBD 3RD QTR 2014 COMPOSITE — **Lab Sample ID: 160-8518-5**
Date Collected: 09/17/14 12:30 — **Matrix: Water**
Date Received: 09/24/14 08:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.050	ug/L		09/30/14 10:00	10/01/14 10:43	1

Client Sample ID: 001D LRW 3RD QTR 2014 COMPOSITE — **Lab Sample ID: 160-8518-6**
Date Collected: 09/17/14 12:30 — **Matrix: Water**
Date Received: 09/24/14 08:40

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.050	ug/L		09/30/14 10:00	10/01/14 10:46	1

Client Name: Diablo Canyon Power Plant
Contact: Rich Dong
Address: P.O. Box 56-MS Space 104-5-9B
Avila Beach, CA 93424

Report Date: 28-Jul-2014

Analytical Report: Page 2 of 6
Project Name: Diablo Canyon Power Plant-C
Project Number: NPDES Avila Beach, Ca

Work Order Number: B4G1881

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
B4G1881-01

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
Intake 3rd Qtr 2014	Liquid	07/15/14 09:55	07/16/14 12:25

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients								
Ammonia-Nitrogen	0.061	0.10	0.059	mg/L	SM4500NH3H	07/21/14 11:29	sll	J

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

NELAP no. 02101CA
CA Elap no. 2698
EPA no. CA00102

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

Client Name: Diablo Canyon Power Plant
Contact: Rich Dong
Address: P.O. Box 56-MS Space 104-5-9B
Avila Beach, CA 93424

Report Date: 28-Jul-2014

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

Work Order Number: B4G1881

Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number
B4G1881-02

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
Discharge 3rd Qtr 2014	Liquid	07/15/14 10:05	07/16/14 12:25

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients								
Ammonia-Nitrogen	0.063	0.10	0.059	mg/L	SM4500NH3H	07/21/14 11:31	sll	J

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

NELAP no. 02101CA
CA Elap no. 2698
EPA no. CA00102

aquatic bioassay & consulting laboratories, inc

July 31, 2014

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:	16 July - 2014
ABC LAB. NO.:	PGE0714.128

ACUTE ABALONE SURVIVAL BIOASSAY

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

Yours very truly,

Scott Johnson
Laboratory Director

-96 Hr Survival

Start Date:	7/16/2014	Test ID:	PGE0714128	Sample ID:	CA0000000
End Date:	7/20/2014	Lab ID:	CAABC	Sample Type:	EFF3-Power Plant
Sample Date:	7/15/2014	Protocol:	KOP 76-Kopperdahl	Test Species:	HR-Haliotis rufescens
Comments:	Discharge 001- Acute				

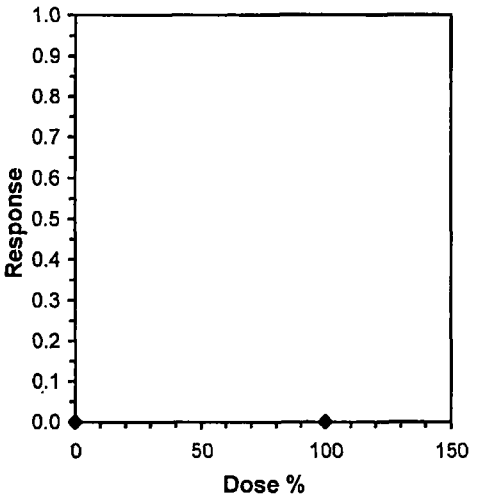
Conc-%	1	2
N Control	1.0000	1.0000
100	1.0000	1.0000

			Transform: Arcsin Square Root					Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Mean	N-Mean
N Control	1.0000	1.0000	1.4588	1.4588	1.4588	0.000	2	1.0000	1.0000
100	1.0000	1.0000	1.4588	1.4588	1.4588	0.000	2	1.0000	1.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Normality of the data set cannot be confirmed				
Equality of variance cannot be confirmed				

Linear Interpolation (200 Resamples)

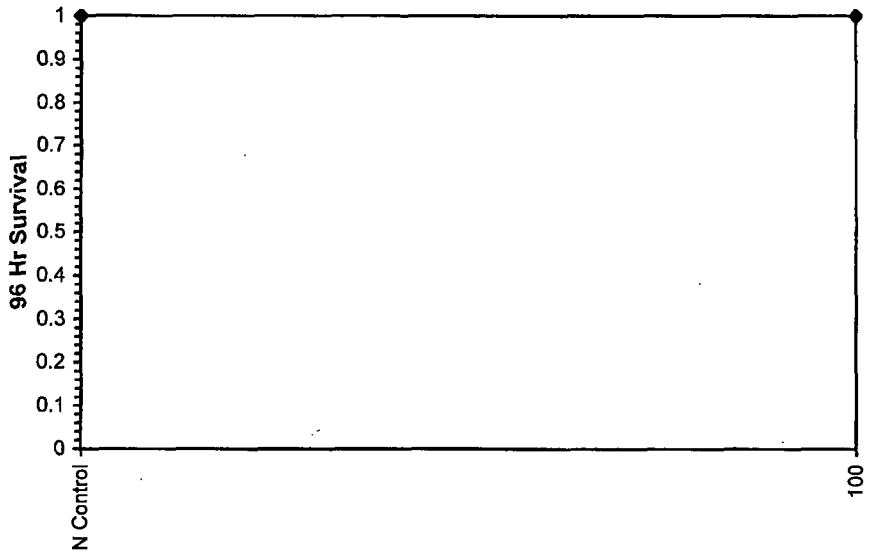
Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



-96 Hr Survival

Start Date:	7/16/2014	Test ID:	PGE0714128	Sample ID:	CA0000000
End Date:	7/20/2014	Lab ID:	CAABC	Sample Type:	EFF3-Power Plant
Sample Date:	7/15/2014	Protocol:	KOP 76-Kopperdahl	Test Species:	HR-Haliotis rufescens
Comments:	Discharge 001- Acute				

Dose-Response Plot



-96 Hr Survival

Start Date:	7/16/2014	Test ID:	PGE0714128	Sample ID:	CA0000000
End Date:	7/20/2014	Lab ID:	CAABC	Sample Type:	EFF3-Power Plant
Sample Date:	7/15/2014	Protocol:	KOP 76-Kopperdahl	Test Species:	HR-Haliotis rufescens
Comments:	Discharge 001- Acute				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	14.69	14.10	15.70	0.56	5.12	10
100		14.61	14.30	14.80	0.18	2.90	10
N Control	pH	7.73	7.60	8.10	0.20	5.79	10
100		7.74	7.70	7.90	0.08	3.75	10
N Control	DO mg/L	7.88	7.50	8.90	0.54	9.35	10
100		7.73	7.60	7.90	0.12	4.41	10
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	10
100		34.00	34.00	34.00	0.00	0.00	10
N Control		0.00	0.00	0.00	0.00		0
100		0.00	0.00	0.00	0.00		0
N Control		0.00	0.00	0.00	0.00		0
100		0.00	0.00	0.00	0.00		0

aquatic bioassay & consulting laboratories, inc

August 7, 2014

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:	23 July - 2014
ABC LAB. NO.:	PGE0714.224

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:	20-2777-0200	**Test Type:**	Development	**Analyst:**	
Start Date:	23 Jul-14 11:46	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	25 Jul-14 12:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	18-6361-8900	**Code:**	PGE0714.224	**Client:**	Pacific Gas & Electric Co.
Sample Date:	22 Jul-14 09:50	**Material:**	Sample Water	**Project:**	
Receive Date:	23 Jul-14 10:40	**Source:**	Bioassay Report		
Sample Age:	26h (5.5 °C)	**Station:**	Discharge 001- Chronic		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
19-2211-9777	Proportion Normal	100	>100	NA	NA	1	Fisher Exact Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
14-1733-0940	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
14-1733-0940	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
19-2211-9777	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

CETIS Analytical Report

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

Analysis ID:	14-1733-0940	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	05 Aug-14 15:47	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Sample ID:	18-6361-8900	**Code:**	PGE0714.224	**Client:**	Pacific Gas & Electric Co.
Sample Date:	22 Jul-14 09:50	**Material:**	Sample Water	**Project:**	
Receive Date:	23 Jul-14 10:40	**Source:**	Bioassay Report		
Sample Age:	26h (5.5 °C)	**Station:**	Discharge 001- Chronic		

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

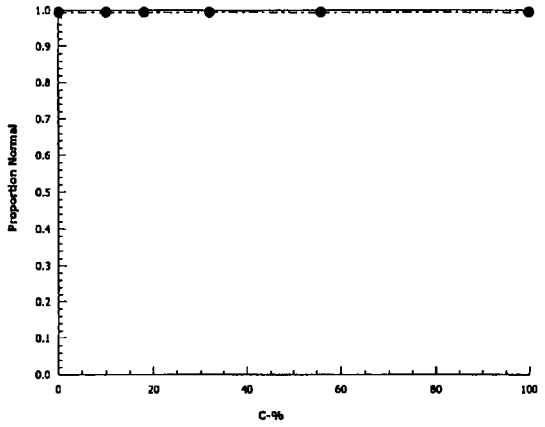
Proportion Normal Binomials

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:	14-1733-0940	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	05 Aug-14 15:47	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



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

Analysis ID:	19-2211-9777	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	05 Aug-14 15:47	**Analysis:**	Single 2x2 Contingency Table	**Official Results:**	Yes
Sample ID:	18-6361-8900	**Code:**	PGE0714.224	**Client:**	Pacific Gas & Electric Co.
Sample Date:	22 Jul-14 09:50	**Material:**	Sample Water	**Project:**	
Receive Date:	23 Jul-14 10:40	**Source:**	Bioassay Report		
Sample Age:	26h (5.5 °C)	**Station:**	Discharge 001- Chronic		

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

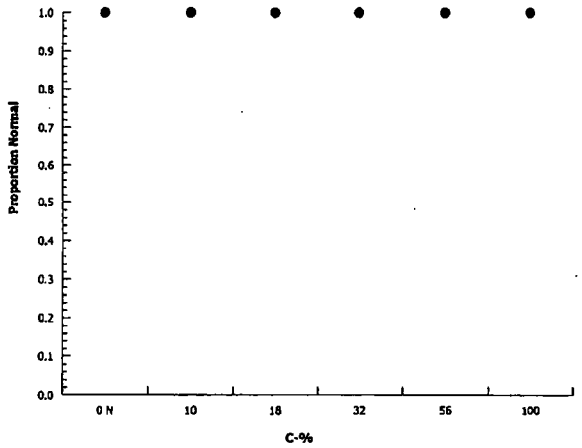
Proportion Normal Binomials

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

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

Analysis ID:	19-2211-9777	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	05 Aug-14 15:47	**Analysis:**	Single 2x2 Contingency Table	**Official Results:**	Yes

Graphics



CETIS Measurement Report

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

Batch ID:	20-2777-0200	**Test Type:**	Development	**Analyst:**	
Start Date:	23 Jul-14 11:46	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	25 Jul-14 12:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	18-6361-8900	**Code:**	PGE0714.224	**Client:**	Pacific Gas & Electric Co.
Sample Date:	22 Jul-14 09:50	**Material:**	Sample Water	**Project:**	
Receive Date:	23 Jul-14 10:40	**Source:**	Bioassay Report		
Sample Age:	26h (5.5 °C)	**Station:**	Discharge 001- Chronic		

Parameter Acceptability Criteria

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.3	14.6	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	6.6	-1.024	14.22	6	7.2	0.6	0.8485	12.86%	0
10		2	6.45	-1.809	14.71	5.8	7.1	0.65	0.9192	14.25%	0
18		2	6.55	-1.709	14.81	5.9	7.2	0.65	0.9192	14.03%	0
32		2	6.55	-2.98	16.08	5.8	7.3	0.75	1.061	16.19%	0
56		2	6.55	-2.98	16.08	5.8	7.3	0.75	1.061	16.19%	0
100		2	6.4	-5.036	17.84	5.5	7.3	0.9	1.273	19.89%	0
Overall		12	6.517			5.5	7.3				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	7.35	6.715	7.985	7.3	7.4	0.04999	0.0707	0.96%	0
10		2	7.4	7.389	7.411	7.4	7.4	0	0	0.0%	0
18		2	7.4	7.389	7.411	7.4	7.4	0	0	0.0%	0
32		2	7.45	6.815	8.085	7.4	7.5	0.05	0.07072	0.95%	0
56		2	7.45	6.815	8.085	7.4	7.5	0.05	0.07072	0.95%	0
100		2	7.45	6.815	8.085	7.4	7.5	0.05	0.07072	0.95%	0
Overall		12	7.417			7.3	7.5				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	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
10		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
18		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
32		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
56		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
100		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
Overall		12	14.45			14.3	14.6				0 (0%)

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

Dissolved Oxygen-mg/L

C-%	Control Type	1	2
0	Negative Contr	7.2	6
10		7.1	5.8
18		7.2	5.9
32		7.3	5.8
56		7.3	5.8
100		7.3	5.5

pH-Units

C-%	Control Type	1	2
0	Negative Contr	7.3	7.4
10		7.4	7.4
18		7.4	7.4
32		7.4	7.5
56		7.4	7.5
100		7.4	7.5

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	14.6	14.3
10		14.6	14.3
18		14.6	14.3
32		14.6	14.3
56		14.6	14.3
100		14.6	14.3

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) RJD for Colt Wells

Date	Time	Comp	Grab	Matrix	Sample ID	Volume / Number	Acute Toxicity	Chronic Toxicity	Analysis										Comments
7/22/2014	9:50	X		Seawater	Discharge 001	DCPP 421		X											

Relinquished By:(signature)	Date / Time	Relinquished By:(signature)	Date / Time
RJD	7/22/14 1200		
Received By:(signature)	Date / Time	Received By:(signature)	Date / Time
	7/23/14 0800	Temperature upon sample receipt: 15 degrees C	

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

Chlorine < 0.1
Ammonia = 0.3

aquatic bioassay & consulting laboratories, inc

CHRONIC ABALONE DEVELOPMENT BIOASSAY

DATE: 23 July 2014

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:	11-4314-2261	**Test Type:**	Development	**Analyst:**	
Start Date:	23 Jul-14 11:45	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	25 Jul-14 12:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	04-6743-3709	**Code:**	ABS072314	**Client:**	Internal Lab
Sample Date:	23 Jul-14 11:45	**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
14-5596-1409	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
13-0658-0063	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
13-0658-0063	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
14-5596-1409	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
14-5596-1409	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

CETIS Analytical Report

Test Code: ABS072314 | 14-2625-3758

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

Analysis ID:	14-5596-1409	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	05 Aug-14 15:43	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Sample ID:	04-6743-3709	**Code:**	ABS072314	**Client:**	Internal Lab
Sample Date:	23 Jul-14 11:45	**Material:**	Zinc	**Project:**	REF TOX
Receive Date:		**Source:**	Reference Toxicant		
Sample Age:	NA	**Station:**	REF TOX		

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

 Analyst:_____ QA:_____

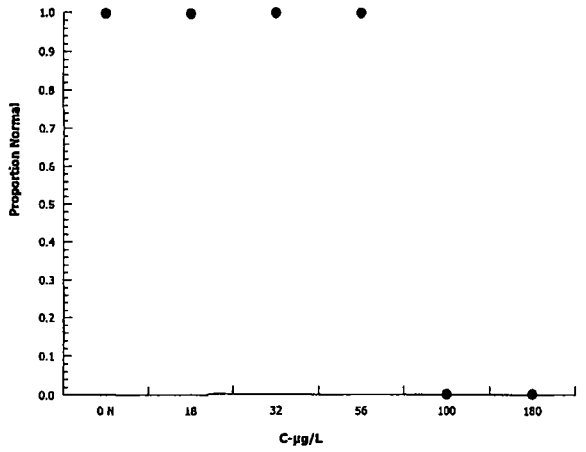
Red Abalone Larval Development Test — **Aquatic Bioassay & Consulting Labs, Inc.**

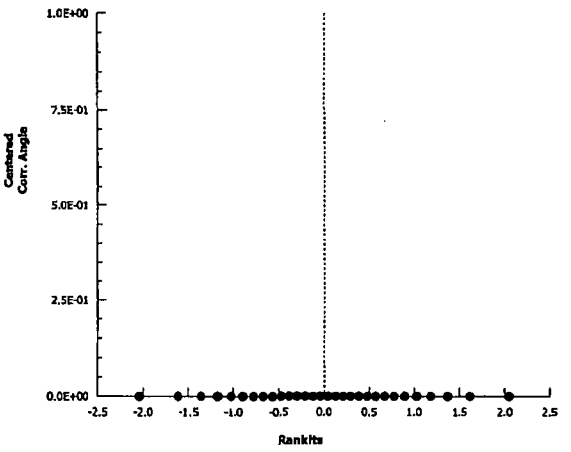
Analysis ID:	14-5596-1409	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	05 Aug-14 15:43	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes

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:	13-0658-0063	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	05 Aug-14 15:43	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Sample ID:	04-6743-3709	**Code:**	ABS072314	**Client:**	Internal Lab
Sample Date:	23 Jul-14 11:45	**Material:**	Zinc	**Project:**	REF TOX
Receive Date:		**Source:**	Reference Toxicant		
Sample Age:	NA	**Station:**	REF TOX		

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

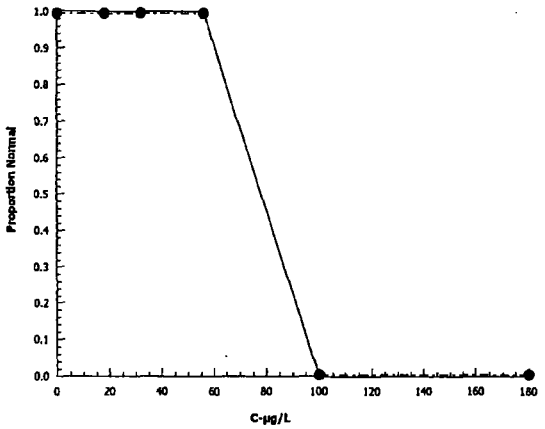
Proportion Normal Binomials

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:	13-0658-0063	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	05 Aug-14 15:43	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

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

Batch ID:	11-4314-2261	**Test Type:**	Development	**Analyst:**	
Start Date:	23 Jul-14 11:45	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	25 Jul-14 12:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	

Sample ID:	04-6743-3709	**Code:**	ABS072314	**Client:**	Internal Lab
Sample Date:	23 Jul-14 11:45	**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	14.3	14.6	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	6.6	-1.024	14.22	6	7.2	0.6	0.8485	12.86%	0
18		2	6.85	1.132	12.57	6.4	7.3	0.45	0.6364	9.29%	0
32		2	6.85	1.132	12.57	6.4	7.3	0.45	0.6364	9.29%	0
56		2	6.85	1.132	12.57	6.4	7.3	0.45	0.6364	9.29%	0
100		2	6.85	1.132	12.57	6.4	7.3	0.45	0.6364	9.29%	0
180		2	6.85	1.132	12.57	6.4	7.3	0.45	0.6364	9.29%	0
Overall		12	6.808			6	7.3				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	7.35	6.715	7.985	7.3	7.4	0.04999	0.0707	0.96%	0
18		2	7.4	7.389	7.411	7.4	7.4	0	0	0.0%	0
32		2	7.4	7.389	7.411	7.4	7.4	0	0	0.0%	0
56		2	7.4	7.389	7.411	7.4	7.4	0	0	0.0%	0
100		2	7.4	7.389	7.411	7.4	7.4	0	0	0.0%	0
180		2	7.4	7.389	7.411	7.4	7.4	0	0	0.0%	0
Overall		12	7.392			7.3	7.4				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	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
18		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
32		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
56		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
100		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
180		2	14.45	12.54	16.36	14.3	14.6	0.15	0.2121	1.47%	0
Overall		12	14.45			14.3	14.6				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	7.2	6
18		7.3	6.4
32		7.3	6.4
56		7.3	6.4
100		7.3	6.4
180		7.3	6.4

pH-Units

C-µg/L	Control Type	1	2
0	Negative Contr	7.3	7.4
18		7.4	7.4
32		7.4	7.4
56		7.4	7.4
100		7.4	7.4
180		7.4	7.4

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	14.6	14.3
18		14.6	14.3
32		14.6	14.3
56		14.6	14.3
100		14.6	14.3
180		14.6	14.3