Pacific Gas and Electric Company®

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

PG&E Letter DCL-2015-532

Electronic Submission
CIWQS Web Application

July 20, 2015

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

In accordance with Order 90-09, NPDES No. CA0003751, the 2nd Quarter 2015 report on Discharge Self-Monitoring at Diablo Canyon Power Plant (DCPP) is provided. This letter and accompanying report summary has been attached to the State CIWQS application data submittal (eSMR). State DMR Forms are additionally incorporated in the CIWQS electronic data submittal (eDMR).

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

IE25
NRR

If Yes is marked (complete a-g):

a) Parameter(s) in Violation:

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

c) Reported Value(s):

d) WDR/NPDES Limit/Condition:

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

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

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

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

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

Sincerely,

Kenneth W. Cortese

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

2015532/jlk/bkc

cc: PDF Formatted Copy of CIWQS Application Submittal:

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

Hardcopy Print-Out of CIWQS Application Submittal:

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

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

PACIFIC GAS AND ELECTRIC COMPANY

Second Quarter 2015

REPORT ON DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

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OVERVIEW

1. During the second quarter of 2015, discharges occurred from Discharge Paths 001 (once through cooling water), 001B, 001D, 001E, 001F, 001G, 001H, 001L, 001M, 001N, 001P, and 002 through 005. No discharges occurred from Discharge Paths 001I, 001J, 001K, 006 through 015, 016, and 017. A list of all of the permit discharge pathways, including name and number, is provided in **Appendix 1**.

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

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

Date	System	Volume (gallons)	Glutaraldehyde (mg/l)	Isothiazolin (mg/l as Cl^-)	Total Suspended Solids (mg/l)	Oil & Grease (mg/l)
04/19/15 to 04/23/15	Unit 1 ICW	200	0.0	3.2	2.6	< 1.4

4. Two events affected the results of continuous chlorine monitoring at Discharge 001 during the second quarter 2015. 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. Event intervals, affected monitor, number of affected results, the cause(s), and corrective action(s) 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 concentration for the respective monitor at Discharge 001 during the event interval. The estimates were then used to replace results indicated by the affected monitor. 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
05/29/15 to 06/03/15	Unit 2	29	Monitor over-response indicated by QC check result that was greater than upper control limit.	Monitor calibrated.
06/06/15 to 06/17/15	Unit 2	72	Monitor over-response indicated by QC check result that was greater than upper control limit.	Monitor probe replaced & monitor calibrated.

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

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

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

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

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

B. Monitoring of Receiving Waters

1. Ecological Studies at Diablo Canyon

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

2. In Situ Bioassay

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

C. Sodium Bromide Treatment Program

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

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

Both conduits of Unit 1 were treated with simultaneous injections of sodium bromide and sodium hypochlorite six times a day throughout the second quarter with one brief interruption in May due to an equipment power supply failure.

Both conduits of Unit 2 were treated with simultaneous injections of sodium bromide and sodium hypochlorite six times a day throughout the second quarter with one brief interruption in May due to an equipment power supply failure.

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 Q2 2015

Summary: Quarterly SMR (MONNPDES) report for Q2 2015 submitted by Kenneth Cortese (No Title) on 07/20/2015.

Facility Name: PG&E Diablo Canyon Power Plant
Order Number: R3-1990-0009
Waterboard Office: Region 3 - Central Coast
Case Worker: Peter Von Langen
Report Effective Dates: 04/01/2015 - 06/30/2015

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		04/01/2015 - 06/30/2015	Plant Seawater Evaporators no longer in service.
Diablo M-001J		04/01/2015 - 06/30/2015	Condensate Pump Discharge Header not drained during 2Q15. No effluent discharged.
Diablo M-001K		04/01/2015 - 06/30/2015	Plant Condenser Tube Sheet Leak Detection Dump Tank no longer in service.
Diablo M-001L			
Diablo M-001M			
Diablo M-001N			
Diablo M-001P			
Diablo M-002			
Diablo M-003			
Diablo M-004			
Diablo M-005			
Diablo M-008		04/01/2015 - 06/30/2015	No storm water run-off or other precipitation discharge events during 2Q15.
Diablo M-009		04/01/2015 - 06/30/2015	No storm water run-off or other precipitation discharge events during 2Q15.
Diablo M-013		04/01/2015 - 06/30/2015	No storm water run-off or other precipitation discharge events during 2Q15.
Diablo M-015		04/01/2015 - 06/30/2015	No storm water run-off or other precipitation discharge events during 2Q15.
Diablo M-016		04/01/2015 - 06/30/2015	Bio Lab Seawater Supply Line Valve Box not drained during 2Q15. No effluent discharged.
Diablo M-017		04/01/2015 - 06/30/2015	Seawater RO System Blowdown Line not drained during 2Q15. Discharge rarely used.
Diablo M-INF			

Self-Determined Violations

No Violations Entered

Attachments

File Name	File Description	Date Uploaded	File Size
Attachment 1 - 2015 2nd Qtr DCPP NPDES Worksheets.pdf	Excel workbook for average calculations supporting 2Q15 SMR.	07/20/2015	163638 bytes
Attachment 2 - 2015 2nd Qtr DCPP NPDES Contract Lab Results.pdf	Vendor laboratory data and analysis reports supporting 2Q15 SMR.	07/20/2015	3673409 bytes

Cover Letter (Uploaded File)

Title	Date Uploaded	File Size
PGE DCL2015532 2nd-Q 2015 DSMR Summary.pdf	07/20/2015	1073058 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)	04/29/2015 : 07:41:00	05/09/2015	=	0.56	mg/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001	Chromium (Total)	DU : Data Unavailable	04/02/2015 : 09:57:00	04/21/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001	Chromium (Total)	DU : Data Unavailable	05/07/2015 : 09:55:00	05/14/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001	Chromium (Total)	DU : Data Unavailable	06/09/2015 : 07:22:00	06/10/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001	Chronic Toxicity	DU : Data Unavailable	05/11/2015 : 07:30:00	05/12/2015	=	1	TUc				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001	Copper, Total	DU : Data Unavailable	04/02/2015 : 09:57:00	04/21/2015	DNQ	8.2	ug/L	5		10	No			CDF_Analytical_Calculated_07202015.zip
M-001	Copper, Total	DU : Data Unavailable	05/07/2015 : 09:55:00	05/14/2015	DNQ	6	ug/L	5		10	No			CDF_Analytical_Calculated_07202015.zip
M-001	Copper, Total	DU : Data Unavailable	06/09/2015 : 07:22:00	06/10/2015	DNQ	7	ug/L	5		10	No			CDF_Analytical_Calculated_07202015.zip
M-001	Nickel, Total	DU : Data Unavailable	04/02/2015 : 09:57:00	04/21/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001	Nickel, Total	DU : Data Unavailable	05/07/2015 : 09:55:00	05/14/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001	Nickel, Total	DU : Data Unavailable	06/09/2015 : 07:22:00	06/10/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.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	04/02/2015 : 09:57:00	04/02/2015	=	7.72	SU				No			CDF_Analytical_Calculated_072020 15.zip
M-001	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	05/07/2015 : 09:55:00	05/07/2015	=	7.75	SU				No			CDF_Analytical_Calculated_072020 15.zip
M-001	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	06/09/2015 : 07:22:00	06/09/2015	=	7.95	SU				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Zinc, Total	DU : Data Unavailable	04/02/2015 : 09:57:00	04/21/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_072020 15.zip
M-001	Zinc, Total	DU : Data Unavailable	05/07/2015 : 09:55:00	05/14/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_072020 15.zip
M-001	Zinc, Total	DU : Data Unavailable	06/09/2015 : 07:22:00	06/10/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_072020 15.zip
M-001D	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	05/26/2015 : 11:32:00	05/26/2015	ND		mg/L	1.4			No		Monthly avg result. See Attachment 1, Tab 6	CDF_Analytical_Calculated_072020 15.zip
M-001D	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	06/25/2015 : 11:14:00	06/25/2015	ND		mg/L	1.4			No		Monthly avg result. See Attachment 1, Tab 7	CDF_Analytical_Calculated_072020 15.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	04/02/2015 : 07:10:00	04/16/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_072020 15.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	05/04/2015 : 12:45:00	05/20/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_072020 15.zip
M-001F	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	06/01/2015 : 07:20:00	06/23/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_072020 15.zip
M-001G	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	04/09/2015 : 09:55:00	04/23/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_072020 15.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	04/09/2015 : 09:55:00	04/09/2015	ND		mg/L	2			No			CDF_Analytical_Calculated_072015.zip
M-001G	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	05/06/2015 : 11:38:00	05/06/2015	ND		mg/L	2			No			CDF_Analytical_Calculated_072015.zip
M-001G	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	06/02/2015 : 12:34:00	06/02/2015	ND		mg/L	2			No			CDF_Analytical_Calculated_072015.zip
M-001M	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	06/13/2015 : 05:10:00	06/23/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_072015.zip
M-001M	Total Suspended Solids (TSS)	A2540D : Standard Method (19th) 2540 D: Tot. Sus. Solids Dried 103-105C	06/13/2015 : 05:10:00	06/13/2015	DNQ	3	mg/L	2		5	No			CDF_Analytical_Calculated_072015.zip
M-001P	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	04/13/2015 : 10:03:00	04/23/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_072015.zip
M-003	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	04/02/2015 : 12:21:00	04/23/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_072015.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	04/01/2015 : 12:20:00	04/01/2015	=	7.77	SU				No			CDF_Analytical_Calculated_072015.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	05/05/2015 : 09:17:00	05/05/2015	=	7.81	SU				No			CDF_Analytical_Calculated_072015.zip
M-003	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	06/01/2015 : 12:17:00	06/01/2015	=	7.8	SU				No			CDF_Analytical_Calculated_072015.zip
M-004	Oil and Grease	E1664A : HEM and SGT-HEM by Extraction and Gravimetry, Rev. A	04/01/2015 : 12:26:00	04/16/2015	ND		mg/L	1.4			No			CDF_Analytical_Calculated_072015.zip

Location	Parameter	Anal. Method	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	04/01/2015 : 12:26:00	04/01/2015	=	7.52	SU				No			CDF_Analytical_Calculated_072015.zip
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	05/05/2015 : 09:26:00	05/05/2015	=	7.69	SU				No			CDF_Analytical_Calculated_072015.zip
M-004	pH	A4500HB : Standard Method (19th) 4500-H+ B: pH by Electrometric Method	06/08/2015 : 13:13:00	06/08/2015	=	7.72	SU				No			CDF_Analytical_Calculated_072015.zip
M-INF	Ammonia, Total (as N)	A4500NH : Standard Method (19th) 4500-NH: Nitrogen (Ammonia)	04/29/2015 : 07:30:00	05/09/2015	=	0.92	mg/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_072015.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	04/02/2015 : 09:46:00	04/02/2015	=	7.68	SU				No			CDF_Analytical_Calculated_072015.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	05/07/2015 : 09:43:00	05/07/2015	=	7.74	SU				No			CDF_Analytical_Calculated_072015.zip
M-INF	pH	A4500H : Standard Method (19th) 4500-H+: pH Value	06/09/2015 : 07:10:00	06/09/2015	=	7.93	SU				No			CDF_Analytical_Calculated_072015.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	04/01/2015 : 00:00:00	04/30/2015	=	585	lb/day				No		Monthly avg result. See Attachment 1, Tab 2	CDF_Analytical_Calculated_072015.zip
M-001	Chlorine Usage	30-Day Average of Daily Averages	05/01/2015 : 00:00:00	05/31/2015	=	561	lb/day				No		Monthly avg result. See Attachment 1, Tab 3	CDF_Analytical_Calculated_072015.zip
M-001	Chlorine Usage	30-Day Average of Daily Averages	06/01/2015 : 00:00:00	06/30/2015	=	681	lb/day				No		Monthly avg result. See Attachment 1, Tab 4	CDF_Analytical_Calculated_072015.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	04/01/2015 : 00:00:00	04/30/2015	=	33	ug/L				No		Monthly avg result. See Attachment 1, Tab 2	CDF_Analytical_Calculated_072015.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	05/01/2015 : 00:00:00	05/31/2015	=	24	ug/L				No		Monthly avg result. See Attachment 1, Tab 3	CDF_Analytical_Calculated_072015.zip
M-001	Chlorine, Total Residual	30-Day Average of Daily Maximums	06/01/2015 : 00:00:00	06/30/2015	=	30	ug/L				No		Monthly avg result. See Attachment 1, Tab 4	CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	04/01/2015 : 00:00:00	04/01/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.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	04/02/2015 : 00:00:00	04/02/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/03/2015 : 00:00:00	04/03/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/04/2015 : 00:00:00	04/04/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/05/2015 : 00:00:00	04/05/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/06/2015 : 00:00:00	04/06/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/07/2015 : 00:00:00	04/07/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/08/2015 : 00:00:00	04/08/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/09/2015 : 00:00:00	04/09/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/10/2015 : 00:00:00	04/10/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/11/2015 : 00:00:00	04/11/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/12/2015 : 00:00:00	04/12/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/13/2015 : 00:00:00	04/13/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/14/2015 : 00:00:00	04/14/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/15/2015 : 00:00:00	04/15/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/16/2015 : 00:00:00	04/16/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/17/2015 : 00:00:00	04/17/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/18/2015 : 00:00:00	04/18/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/19/2015 : 00:00:00	04/19/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/20/2015 : 00:00:00	04/20/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/21/2015 : 00:00:00	04/21/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.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	04/22/2015 : 00:00:00	04/22/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/23/2015 : 00:00:00	04/23/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/24/2015 : 00:00:00	04/24/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/25/2015 : 00:00:00	04/25/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/26/2015 : 00:00:00	04/26/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/27/2015 : 00:00:00	04/27/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/28/2015 : 00:00:00	04/28/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/29/2015 : 00:00:00	04/29/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	04/30/2015 : 00:00:00	04/30/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/01/2015 : 00:00:00	05/01/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/02/2015 : 00:00:00	05/02/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/03/2015 : 00:00:00	05/03/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/04/2015 : 00:00:00	05/04/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/05/2015 : 00:00:00	05/05/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/06/2015 : 00:00:00	05/06/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/07/2015 : 00:00:00	05/07/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/08/2015 : 00:00:00	05/08/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/09/2015 : 00:00:00	05/09/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/10/2015 : 00:00:00	05/10/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/11/2015 : 00:00:00	05/11/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.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	05/12/2015 : 00:00:00	05/12/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/13/2015 : 00:00:00	05/13/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/14/2015 : 00:00:00	05/14/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/15/2015 : 00:00:00	05/15/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/16/2015 : 00:00:00	05/16/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/17/2015 : 00:00:00	05/17/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/18/2015 : 00:00:00	05/18/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/19/2015 : 00:00:00	05/19/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/20/2015 : 00:00:00	05/20/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/21/2015 : 00:00:00	05/21/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/22/2015 : 00:00:00	05/22/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/23/2015 : 00:00:00	05/23/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/24/2015 : 00:00:00	05/24/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/25/2015 : 00:00:00	05/25/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/26/2015 : 00:00:00	05/26/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/27/2015 : 00:00:00	05/27/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/28/2015 : 00:00:00	05/28/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/29/2015 : 00:00:00	05/29/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/30/2015 : 00:00:00	05/30/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	05/31/2015 : 00:00:00	05/31/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.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	06/01/2015 : 00:00:00	06/01/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/02/2015 : 00:00:00	06/02/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/03/2015 : 00:00:00	06/03/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/04/2015 : 00:00:00	06/04/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/05/2015 : 00:00:00	06/05/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/06/2015 : 00:00:00	06/06/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/07/2015 : 00:00:00	06/07/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/08/2015 : 00:00:00	06/08/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/09/2015 : 00:00:00	06/09/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/10/2015 : 00:00:00	06/10/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/11/2015 : 00:00:00	06/11/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/12/2015 : 00:00:00	06/12/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/13/2015 : 00:00:00	06/13/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/14/2015 : 00:00:00	06/14/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/15/2015 : 00:00:00	06/15/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/16/2015 : 00:00:00	06/16/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/17/2015 : 00:00:00	06/17/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/18/2015 : 00:00:00	06/18/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/19/2015 : 00:00:00	06/19/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.zip
M-001	Flow	Daily Discharge	06/20/2015 : 00:00:00	06/20/2015	=	2486	MGD				No			CDF_Analytical_Calculated_07202015.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	06/21/2015 : 00:00:00	06/21/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/22/2015 : 00:00:00	06/22/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/23/2015 : 00:00:00	06/23/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/24/2015 : 00:00:00	06/24/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/25/2015 : 00:00:00	06/25/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/26/2015 : 00:00:00	06/26/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/27/2015 : 00:00:00	06/27/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/28/2015 : 00:00:00	06/28/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/29/2015 : 00:00:00	06/29/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Flow	Daily Discharge	06/30/2015 : 00:00:00	06/30/2015	=	2486	MGD				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/01/2015 : 00:00:00	04/01/2015	=	69.8	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/02/2015 : 00:00:00	04/02/2015	=	68.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/03/2015 : 00:00:00	04/03/2015	=	69.3	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/04/2015 : 00:00:00	04/04/2015	=	69.3	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/05/2015 : 00:00:00	04/05/2015	=	69	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/06/2015 : 00:00:00	04/06/2015	=	69.5	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/07/2015 : 00:00:00	04/07/2015	=	70.3	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/08/2015 : 00:00:00	04/08/2015	=	70.6	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/09/2015 : 00:00:00	04/09/2015	=	70.2	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	24-hour Average	04/10/2015 : 00:00:00	04/10/2015	=	70.6	Degrees F				No			CDF_Analytical_Calculated_072015.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	04/11/2015 : 00:00:00	04/11/2015	=	69.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/12/2015 : 00:00:00	04/12/2015	=	69	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/13/2015 : 00:00:00	04/13/2015	=	70.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/14/2015 : 00:00:00	04/14/2015	=	69.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/15/2015 : 00:00:00	04/15/2015	=	68.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/16/2015 : 00:00:00	04/16/2015	=	69.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/17/2015 : 00:00:00	04/17/2015	=	70.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/18/2015 : 00:00:00	04/18/2015	=	70.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/19/2015 : 00:00:00	04/19/2015	=	70.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/20/2015 : 00:00:00	04/20/2015	=	70.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/21/2015 : 00:00:00	04/21/2015	=	70.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/22/2015 : 00:00:00	04/22/2015	=	71.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/23/2015 : 00:00:00	04/23/2015	=	71.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/24/2015 : 00:00:00	04/24/2015	=	70.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/25/2015 : 00:00:00	04/25/2015	=	70.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/26/2015 : 00:00:00	04/26/2015	=	69.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/27/2015 : 00:00:00	04/27/2015	=	69.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/28/2015 : 00:00:00	04/28/2015	=	70.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/29/2015 : 00:00:00	04/29/2015	=	69.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	04/30/2015 : 00:00:00	04/30/2015	=	71.1	Degrees F				No			CDF_Analytical_Calculated_07202015.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	05/01/2015 : 00:00:00	05/01/2015	=	73.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/02/2015 : 00:00:00	05/02/2015	=	72	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/03/2015 : 00:00:00	05/03/2015	=	71.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/04/2015 : 00:00:00	05/04/2015	=	71.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/05/2015 : 00:00:00	05/05/2015	=	71.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/06/2015 : 00:00:00	05/06/2015	=	70.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/07/2015 : 00:00:00	05/07/2015	=	70.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/08/2015 : 00:00:00	05/08/2015	=	71.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/09/2015 : 00:00:00	05/09/2015	=	71.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/10/2015 : 00:00:00	05/10/2015	=	69.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/11/2015 : 00:00:00	05/11/2015	=	69.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/12/2015 : 00:00:00	05/12/2015	=	69.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/13/2015 : 00:00:00	05/13/2015	=	69	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/14/2015 : 00:00:00	05/14/2015	=	70.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/15/2015 : 00:00:00	05/15/2015	=	71.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/16/2015 : 00:00:00	05/16/2015	=	70.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/17/2015 : 00:00:00	05/17/2015	=	70.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/18/2015 : 00:00:00	05/18/2015	=	70.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/19/2015 : 00:00:00	05/19/2015	=	70.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/20/2015 : 00:00:00	05/20/2015	=	70.3	Degrees F				No			CDF_Analytical_Calculated_07202015.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	05/21/2015 : 00:00:00	05/21/2015	=	71	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/22/2015 : 00:00:00	05/22/2015	=	71.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/23/2015 : 00:00:00	05/23/2015	=	70.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/24/2015 : 00:00:00	05/24/2015	=	69.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/25/2015 : 00:00:00	05/25/2015	=	69.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/26/2015 : 00:00:00	05/26/2015	=	70.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/27/2015 : 00:00:00	05/27/2015	=	70.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/28/2015 : 00:00:00	05/28/2015	=	70.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/29/2015 : 00:00:00	05/29/2015	=	69.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/30/2015 : 00:00:00	05/30/2015	=	70.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	05/31/2015 : 00:00:00	05/31/2015	=	71.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/01/2015 : 00:00:00	06/01/2015	=	71.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/02/2015 : 00:00:00	06/02/2015	=	71.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/03/2015 : 00:00:00	06/03/2015	=	70.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/04/2015 : 00:00:00	06/04/2015	=	70.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/05/2015 : 00:00:00	06/05/2015	=	71.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/06/2015 : 00:00:00	06/06/2015	=	72.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/07/2015 : 00:00:00	06/07/2015	=	71.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/08/2015 : 00:00:00	06/08/2015	=	71.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/09/2015 : 00:00:00	06/09/2015	=	72.3	Degrees F				No			CDF_Analytical_Calculated_07202015.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	06/10/2015 : 00:00:00	06/10/2015	=	72.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/11/2015 : 00:00:00	06/11/2015	=	71.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/12/2015 : 00:00:00	06/12/2015	=	71.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/13/2015 : 00:00:00	06/13/2015	=	72.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/14/2015 : 00:00:00	06/14/2015	=	72.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/15/2015 : 00:00:00	06/15/2015	=	71.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/16/2015 : 00:00:00	06/16/2015	=	71.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/17/2015 : 00:00:00	06/17/2015	=	71.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/18/2015 : 00:00:00	06/18/2015	=	72.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/19/2015 : 00:00:00	06/19/2015	=	71.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/20/2015 : 00:00:00	06/20/2015	=	70.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/21/2015 : 00:00:00	06/21/2015	=	70.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/22/2015 : 00:00:00	06/22/2015	=	70.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/23/2015 : 00:00:00	06/23/2015	=	70.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/24/2015 : 00:00:00	06/24/2015	=	70.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/25/2015 : 00:00:00	06/25/2015	=	71	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/26/2015 : 00:00:00	06/26/2015	=	72.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/27/2015 : 00:00:00	06/27/2015	=	72.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/28/2015 : 00:00:00	06/28/2015	=	72	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	24-hour Average	06/29/2015 : 00:00:00	06/29/2015	=	71.1	Degrees F				No			CDF_Analytical_Calculated_07202015.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	06/30/2015 : 00:00:00	06/30/2015	=	72.1	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Daily Maximum	04/30/2015 : 00:00:00	04/30/2015	=	71.3	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Daily Maximum	05/31/2015 : 00:00:00	05/31/2015	=	73.1	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Daily Maximum	06/30/2015 : 00:00:00	06/30/2015	=	72.8	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/01/2015 : 00:00:00	04/01/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/02/2015 : 00:00:00	04/02/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/03/2015 : 00:00:00	04/03/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/04/2015 : 00:00:00	04/04/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/05/2015 : 00:00:00	04/05/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/06/2015 : 00:00:00	04/06/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/07/2015 : 00:00:00	04/07/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/08/2015 : 00:00:00	04/08/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/09/2015 : 00:00:00	04/09/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/10/2015 : 00:00:00	04/10/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/11/2015 : 00:00:00	04/11/2015	=	18.6	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/12/2015 : 00:00:00	04/12/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/13/2015 : 00:00:00	04/13/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/14/2015 : 00:00:00	04/14/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/15/2015 : 00:00:00	04/15/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	04/16/2015 : 00:00:00	04/16/2015	=	18.6	Degrees F				No			CDF_Analytical_Calculated_072020 15.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	04/17/2015 : 00:00:00	04/17/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/18/2015 : 00:00:00	04/18/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/19/2015 : 00:00:00	04/19/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/20/2015 : 00:00:00	04/20/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/21/2015 : 00:00:00	04/21/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/22/2015 : 00:00:00	04/22/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/23/2015 : 00:00:00	04/23/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/24/2015 : 00:00:00	04/24/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/25/2015 : 00:00:00	04/25/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/26/2015 : 00:00:00	04/26/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/27/2015 : 00:00:00	04/27/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/28/2015 : 00:00:00	04/28/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/29/2015 : 00:00:00	04/29/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	04/30/2015 : 00:00:00	04/30/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/01/2015 : 00:00:00	05/01/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/02/2015 : 00:00:00	05/02/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/03/2015 : 00:00:00	05/03/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/04/2015 : 00:00:00	05/04/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/05/2015 : 00:00:00	05/05/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/06/2015 : 00:00:00	05/06/2015	=	18.6	Degrees F				No			CDF_Analytical_Calculated_07202015.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	05/07/2015 : 00:00:00	05/07/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/08/2015 : 00:00:00	05/08/2015	=	18.6	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/09/2015 : 00:00:00	05/09/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/10/2015 : 00:00:00	05/10/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/11/2015 : 00:00:00	05/11/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/12/2015 : 00:00:00	05/12/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/13/2015 : 00:00:00	05/13/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/14/2015 : 00:00:00	05/14/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/15/2015 : 00:00:00	05/15/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/16/2015 : 00:00:00	05/16/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/17/2015 : 00:00:00	05/17/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/18/2015 : 00:00:00	05/18/2015	=	19.2	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/19/2015 : 00:00:00	05/19/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/20/2015 : 00:00:00	05/20/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/21/2015 : 00:00:00	05/21/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/22/2015 : 00:00:00	05/22/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/23/2015 : 00:00:00	05/23/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/24/2015 : 00:00:00	05/24/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/25/2015 : 00:00:00	05/25/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-001	Temperature	Delta from Background	05/26/2015 : 00:00:00	05/26/2015	=	18.7	Degrees F				No			CDF_Analytical_Calculated_072015.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	05/27/2015 : 00:00:00	05/27/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/28/2015 : 00:00:00	05/28/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/29/2015 : 00:00:00	05/29/2015	=	18.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/30/2015 : 00:00:00	05/30/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	05/31/2015 : 00:00:00	05/31/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/01/2015 : 00:00:00	06/01/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/02/2015 : 00:00:00	06/02/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/03/2015 : 00:00:00	06/03/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/04/2015 : 00:00:00	06/04/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/05/2015 : 00:00:00	06/05/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/06/2015 : 00:00:00	06/06/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/07/2015 : 00:00:00	06/07/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/08/2015 : 00:00:00	06/08/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/09/2015 : 00:00:00	06/09/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/10/2015 : 00:00:00	06/10/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/11/2015 : 00:00:00	06/11/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/12/2015 : 00:00:00	06/12/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/13/2015 : 00:00:00	06/13/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/14/2015 : 00:00:00	06/14/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-001	Temperature	Delta from Background	06/15/2015 : 00:00:00	06/15/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_07202015.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	06/16/2015 : 00:00:00	06/16/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/17/2015 : 00:00:00	06/17/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/18/2015 : 00:00:00	06/18/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/19/2015 : 00:00:00	06/19/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/20/2015 : 00:00:00	06/20/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/21/2015 : 00:00:00	06/21/2015	=	18.8	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/22/2015 : 00:00:00	06/22/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/23/2015 : 00:00:00	06/23/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/24/2015 : 00:00:00	06/24/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/25/2015 : 00:00:00	06/25/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/26/2015 : 00:00:00	06/26/2015	=	18.9	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/27/2015 : 00:00:00	06/27/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/28/2015 : 00:00:00	06/28/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/29/2015 : 00:00:00	06/29/2015	=	19	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Delta from Background	06/30/2015 : 00:00:00	06/30/2015	=	19.1	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Monthly Average of Daily Averages	04/30/2015 : 00:00:00	04/30/2015	=	70.1	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Monthly Average of Daily Averages	05/31/2015 : 00:00:00	05/31/2015	=	70.6	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001	Temperature	Monthly Average of Daily Averages	06/30/2015 : 00:00:00	06/30/2015	=	71.5	Degrees F				No			CDF_Analytical_Calculated_072020 15.zip
M-001D	Cadmium, Total	90-Day Mean	04/15/2015 : 00:00:00	06/11/2015	=	0.52	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_072020 15.zip
M-001D	Chromium (Total)	90-Day Mean	04/15/2015 : 00:00:00	06/11/2015	DNQ	1.8	ug/L	1		2	No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_072020 15.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	Copper, Total	90-Day Mean	04/15/2015 : 00:00:00	06/11/2015	=	8.5	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001D	Lead, Total	90-Day Mean	04/15/2015 : 00:00:00	06/11/2015	=	1.3	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001D	Mercury, Total	90-Day Mean	04/15/2015 : 00:00:00	06/11/2015	ND		ug/L	.08			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001D	Nickel, Total	90-Day Mean	04/15/2015 : 00:00:00	06/11/2015	=	2.7	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001D	Oil and Grease	30-Day Average	04/15/2015 : 00:00:00	04/30/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 5	CDF_Analytical_Calculated_07202015.zip
M-001D	Silver, Total	90-Day Mean	04/15/2015 : 00:00:00	06/11/2015	ND		ug/L	.1			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	04/15/2015 : 00:00:00	04/30/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 5	CDF_Analytical_Calculated_07202015.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	05/14/2015 : 00:00:00	05/26/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 6	CDF_Analytical_Calculated_07202015.zip
M-001D	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	06/03/2015 : 00:00:00	06/25/2015	<	5	mg/L				No		Monthly avg result. See Attachment 1, Tab 7	CDF_Analytical_Calculated_07202015.zip
M-001D	Zinc, Total	90-Day Mean	04/15/2015 : 00:00:00	06/11/2015	=	310	ug/L				No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001F	Cadmium, Total	7-Day Average (Mean)	04/10/2015 : 00:00:00	04/17/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001F	Chromium (Total)	7-Day Average (Mean)	04/10/2015 : 00:00:00	04/17/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001F	Copper, Total	7-Day Average (Mean)	04/10/2015 : 00:00:00	04/17/2015	DNQ	9.2	ug/L	5		10	No			CDF_Analytical_Calculated_07202015.zip
M-001F	Lead, Total	7-Day Average (Mean)	04/10/2015 : 00:00:00	04/17/2015	=	16.3	ug/L				No			CDF_Analytical_Calculated_07202015.zip
M-001F	Mercury, Total	7-Day Average (Mean)	04/10/2015 : 00:00:00	04/17/2015	ND		ug/L	.08			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001F	Nickel, Total	7-Day Average (Mean)	04/10/2015 : 00:00:00	04/17/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001F	Silver, Total	7-Day Average (Mean)	04/10/2015 : 00:00:00	04/17/2015	ND		ug/L	5			No			CDF_Analytical_Calculated_07202015.zip
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	05/04/2015 : 12:45:00	05/04/2015	DNQ	2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_07202015.zip
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	06/01/2015 : 07:20:00	06/01/2015	DNQ	2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_07202015.zip
M-001F	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	04/02/2015 : 07:10:00	04/02/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_07202015.zip

Location	Parameter	Calculation Type	Sample Date/Time	Analysis Date	Qual	Result	Units	MDL	ML	RL	Review Priority Indicator	QA Codes	Comments	Data Source
M-001F	Zinc, Total	7-Day Average (Mean)	04/10/2015 : 00:00:00	04/17/2015	=	15.3	ug/L				No			CDF_Analytical_Calculated_07202015.zip
M-001H	Cadmium, Total	90-Day Mean	04/06/2015 : 00:00:00	06/08/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001H	Chromium (Total)	90-Day Mean	04/06/2015 : 00:00:00	06/08/2015	=	10	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001H	Copper, Total	90-Day Mean	04/06/2015 : 00:00:00	06/08/2015	=	23	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001H	Lead, Total	90-Day Mean	04/06/2015 : 00:00:00	06/08/2015	=	17	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001H	Mercury, Total	90-Day Mean	04/06/2015 : 00:00:00	06/08/2015	ND		ug/L	.08			No		See Attachment 2, Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001H	Nickel, Total	90-Day Mean	04/06/2015 : 00:00:00	06/08/2015	<	10	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001H	Oil and Grease	Monthly Average (Mean)	04/01/2015 : 00:00:00	04/02/2015	ND		mg/L	1.4			No		Avg result for qtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001H	Silver, Total	90-Day Mean	04/06/2015 : 00:00:00	06/08/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	04/01/2015 : 00:00:00	04/02/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_07202015.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	05/01/2015 : 00:00:00	05/02/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_07202015.zip
M-001H	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	06/01/2015 : 00:00:00	06/02/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_07202015.zip
M-001H	Zinc, Total	90-Day Mean	04/06/2015 : 00:00:00	06/08/2015	<	10	ug/L				No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001L	Cadmium, Total	90-Day Mean	04/01/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001L	Chromium (Total)	90-Day Mean	04/01/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001L	Copper, Total	90-Day Mean	04/01/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001L	Lead, Total	90-Day Mean	04/01/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001L	Mercury, Total	90-Day Mean	04/01/2015 : 00:00:00	06/10/2015	ND		ug/L	.08			No		Qtrly avg- Att 1 Tab 1 & Att 2 Contract Lab Report	CDF_Analytical_Calculated_07202015.zip
M-001L	Nickel, Total	90-Day Mean	04/01/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.zip
M-001L	Oil and Grease	Monthly Average (Mean)	04/09/2015 : 00:00:00	04/09/2015	ND		mg/L	1.4			No		Avg result for qtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_07202015.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	Silver, Total	90-Day Mean	04/01/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_072015.zip
M-001L	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	04/09/2015 : 00:00:00	04/09/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_072015.zip
M-001L	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	05/06/2015 : 00:00:00	05/06/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_072015.zip
M-001L	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	06/01/2015 : 00:00:00	06/01/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_072015.zip
M-001L	Zinc, Total	90-Day Mean	04/01/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Avg of qtrly composites. See Att 1, Tab 1	CDF_Analytical_Calculated_072015.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	04/01/2015 : 00:00:00	04/29/2015	DNQ	0.6	mg/L	.24		5	No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	05/06/2015 : 00:00:00	05/26/2015	DNQ	1	mg/L	.24		5	No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001N	Oil and Grease	30-Day Average of Daily Averages	06/02/2015 : 00:00:00	06/22/2015	DNQ	0.3	mg/L	.24		5	No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001N	Settleable Solids	30-Day Average	04/01/2015 : 00:00:00	04/29/2015	=	0.1	ml/L				No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001N	Settleable Solids	30-Day Average	05/06/2015 : 00:00:00	05/26/2015	DNQ	0.1	ml/L	.1		.1	No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001N	Settleable Solids	30-Day Average	06/02/2015 : 00:00:00	06/22/2015	DNQ	0.1	ml/L	.1		.1	No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	04/01/2015 : 00:00:00	04/29/2015	=	14	mg/L				No		Monthly avg - Att 1 Tab 8 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	05/06/2015 : 00:00:00	05/26/2015	=	7	mg/L				No		Monthly avg - Att 1 Tab 9 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001N	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	06/02/2015 : 00:00:00	06/22/2015	=	11	mg/L				No		Monthly avg - Att 1 Tab 10 & Att 2 Contr. Lab Rpt.	CDF_Analytical_Calculated_072015.zip
M-001P	pH	Daily Average (Mean)	04/13/2015 : 14:42:00	04/13/2015	=	7.6	SU				No		See Attachment #1, Tab 11	CDF_Analytical_Calculated_072015.zip
M-001P	pH	Daily Average (Mean)	05/05/2015 : 10:45:00	05/05/2015	=	7.6	SU				No		See Attachment #1, Tab 12	CDF_Analytical_Calculated_072015.zip
M-001P	pH	Daily Average (Mean)	06/08/2015 : 13:24:00	06/08/2015	=	7.7	SU				No		See Attachment #1, Tab 13	CDF_Analytical_Calculated_072015.zip
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	04/13/2015 : 00:00:00	04/13/2015	=	6	mg/L				No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_072015.zip
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	05/05/2015 : 00:00:00	05/05/2015	DNQ	3	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_072015.zip
M-001P	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	06/08/2015 : 00:00:00	06/08/2015	DNQ	4	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_072015.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	Oil and Grease	Monthly Average (Mean)	04/01/2015 : 00:00:00	04/01/2015	DNQ	1.4	mg/L	1.4		5	No		Avg result for qrtrly samples. See Att 1, Tab 1	CDF_Analytical_Calculated_072015.zip
M-002	pH	Daily Average (Mean)	04/01/2015 : 00:00:00	04/01/2015	=	7.8	SU				No		See Attachment #1, Tab 11	CDF_Analytical_Calculated_072015.zip
M-002	pH	Daily Average (Mean)	05/07/2015 : 00:00:00	05/07/2015	=	7.7	SU				No		See Attachment #1, Tab 12	CDF_Analytical_Calculated_072015.zip
M-002	pH	Daily Average (Mean)	06/01/2015 : 00:00:00	06/01/2015	=	7.9	SU				No		See Attachment #1, Tab 13	CDF_Analytical_Calculated_072015.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	04/01/2015 : 00:00:00	04/01/2015	DNQ	3	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_072015.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	05/07/2015 : 00:00:00	05/07/2015	DNQ	2	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_072015.zip
M-002	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	06/01/2015 : 00:00:00	06/01/2015	ND		mg/L	2			No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_072015.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	04/01/2015 : 12:20:00	04/01/2015	=	20	mg/L				No		Monthly avg result. See Attachment 1, Tab 11	CDF_Analytical_Calculated_072015.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	05/05/2015 : 09:17:00	05/05/2015	DNQ	3	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 12	CDF_Analytical_Calculated_072015.zip
M-003	Total Suspended Solids (TSS)	30-Day Average of Daily Averages	06/01/2015 : 12:17:00	06/01/2015	DNQ	4	mg/L	2		5	No		Monthly avg result. See Attachment 1, Tab 13	CDF_Analytical_Calculated_072015.zip
M-INF	Chromium (Total)	90-Day Mean	04/02/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_072015.zip
M-INF	Copper, Total	90-Day Mean	04/02/2015 : 00:00:00	06/10/2015	DNQ	6.7	ug/L	5		10	No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_072015.zip
M-INF	Nickel, Total	90-Day Mean	04/02/2015 : 00:00:00	06/10/2015	ND		ug/L	5			No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	04/01/2015 : 00:00:00	04/01/2015	=	51.1	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	04/02/2015 : 00:00:00	04/02/2015	=	50.2	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	04/03/2015 : 00:00:00	04/03/2015	=	50.6	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	04/04/2015 : 00:00:00	04/04/2015	=	50.6	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	04/05/2015 : 00:00:00	04/05/2015	=	50.3	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	04/06/2015 : 00:00:00	04/06/2015	=	50.8	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	04/07/2015 : 00:00:00	04/07/2015	=	51.6	Degrees F				No			CDF_Analytical_Calculated_072015.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	04/08/2015 : 00:00:00	04/08/2015	=	51.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/09/2015 : 00:00:00	04/09/2015	=	51.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/10/2015 : 00:00:00	04/10/2015	=	51.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/11/2015 : 00:00:00	04/11/2015	=	51.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/12/2015 : 00:00:00	04/12/2015	=	50.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/13/2015 : 00:00:00	04/13/2015	=	51.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/14/2015 : 00:00:00	04/14/2015	=	51.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/15/2015 : 00:00:00	04/15/2015	=	50.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/16/2015 : 00:00:00	04/16/2015	=	51.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/17/2015 : 00:00:00	04/17/2015	=	52.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/18/2015 : 00:00:00	04/18/2015	=	51.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/19/2015 : 00:00:00	04/19/2015	=	51.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/20/2015 : 00:00:00	04/20/2015	=	51.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/21/2015 : 00:00:00	04/21/2015	=	52	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/22/2015 : 00:00:00	04/22/2015	=	52.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/23/2015 : 00:00:00	04/23/2015	=	52.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/24/2015 : 00:00:00	04/24/2015	=	52	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/25/2015 : 00:00:00	04/25/2015	=	51.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/26/2015 : 00:00:00	04/26/2015	=	50.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/27/2015 : 00:00:00	04/27/2015	=	51	Degrees F				No			CDF_Analytical_Calculated_07202015.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	04/28/2015 : 00:00:00	04/28/2015	=	51.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/29/2015 : 00:00:00	04/29/2015	=	51.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	04/30/2015 : 00:00:00	04/30/2015	=	52.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/01/2015 : 00:00:00	05/01/2015	=	54.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/02/2015 : 00:00:00	05/02/2015	=	53	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/03/2015 : 00:00:00	05/03/2015	=	52.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/04/2015 : 00:00:00	05/04/2015	=	52.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/05/2015 : 00:00:00	05/05/2015	=	52.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/06/2015 : 00:00:00	05/06/2015	=	51.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/07/2015 : 00:00:00	05/07/2015	=	51.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/08/2015 : 00:00:00	05/08/2015	=	52.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/09/2015 : 00:00:00	05/09/2015	=	52.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/10/2015 : 00:00:00	05/10/2015	=	50.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/11/2015 : 00:00:00	05/11/2015	=	50.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/12/2015 : 00:00:00	05/12/2015	=	50.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/13/2015 : 00:00:00	05/13/2015	=	50.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/14/2015 : 00:00:00	05/14/2015	=	51.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/15/2015 : 00:00:00	05/15/2015	=	52.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/16/2015 : 00:00:00	05/16/2015	=	51.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	05/17/2015 : 00:00:00	05/17/2015	=	51.3	Degrees F				No			CDF_Analytical_Calculated_07202015.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	05/18/2015 : 00:00:00	05/18/2015	=	51.4	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/19/2015 : 00:00:00	05/19/2015	=	51.2	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/20/2015 : 00:00:00	05/20/2015	=	51.4	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/21/2015 : 00:00:00	05/21/2015	=	51.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/22/2015 : 00:00:00	05/22/2015	=	52.2	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/23/2015 : 00:00:00	05/23/2015	=	51.8	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/24/2015 : 00:00:00	05/24/2015	=	50.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/25/2015 : 00:00:00	05/25/2015	=	50.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/26/2015 : 00:00:00	05/26/2015	=	51.5	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/27/2015 : 00:00:00	05/27/2015	=	51.3	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/28/2015 : 00:00:00	05/28/2015	=	51.2	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/29/2015 : 00:00:00	05/29/2015	=	51.2	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/30/2015 : 00:00:00	05/30/2015	=	51.9	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	05/31/2015 : 00:00:00	05/31/2015	=	52.2	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	06/01/2015 : 00:00:00	06/01/2015	=	52.8	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	06/02/2015 : 00:00:00	06/02/2015	=	52.4	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	06/03/2015 : 00:00:00	06/03/2015	=	51.6	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	06/04/2015 : 00:00:00	06/04/2015	=	51.3	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	06/05/2015 : 00:00:00	06/05/2015	=	52.3	Degrees F				No			CDF_Analytical_Calculated_072015.zip
M-INF	Temperature	24-hour Average	06/06/2015 : 00:00:00	06/06/2015	=	53.2	Degrees F				No			CDF_Analytical_Calculated_072015.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	06/07/2015 : 00:00:00	06/07/2015	=	52.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/08/2015 : 00:00:00	06/08/2015	=	52.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/09/2015 : 00:00:00	06/09/2015	=	53.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/10/2015 : 00:00:00	06/10/2015	=	53.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/11/2015 : 00:00:00	06/11/2015	=	52.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/12/2015 : 00:00:00	06/12/2015	=	52.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/13/2015 : 00:00:00	06/13/2015	=	53.3	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/14/2015 : 00:00:00	06/14/2015	=	53.6	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/15/2015 : 00:00:00	06/15/2015	=	52.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/16/2015 : 00:00:00	06/16/2015	=	52.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/17/2015 : 00:00:00	06/17/2015	=	52.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/18/2015 : 00:00:00	06/18/2015	=	53.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/19/2015 : 00:00:00	06/19/2015	=	52.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/20/2015 : 00:00:00	06/20/2015	=	51	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/21/2015 : 00:00:00	06/21/2015	=	51.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/22/2015 : 00:00:00	06/22/2015	=	51.2	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/23/2015 : 00:00:00	06/23/2015	=	51.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/24/2015 : 00:00:00	06/24/2015	=	51.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/25/2015 : 00:00:00	06/25/2015	=	52.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/26/2015 : 00:00:00	06/26/2015	=	53.6	Degrees F				No			CDF_Analytical_Calculated_07202015.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	06/27/2015 : 00:00:00	06/27/2015	=	53.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/28/2015 : 00:00:00	06/28/2015	=	52.9	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/29/2015 : 00:00:00	06/29/2015	=	52.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	24-hour Average	06/30/2015 : 00:00:00	06/30/2015	=	53	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	Daily Maximum	04/30/2015 : 00:00:00	04/30/2015	=	52.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	Daily Maximum	05/31/2015 : 00:00:00	05/31/2015	=	54.1	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	Daily Maximum	06/30/2015 : 00:00:00	06/30/2015	=	53.8	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	Monthly Average of Daily Averages	04/30/2015 : 00:00:00	04/30/2015	=	51.4	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	Monthly Average of Daily Averages	05/31/2015 : 00:00:00	05/31/2015	=	51.7	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Temperature	Monthly Average of Daily Averages	06/30/2015 : 00:00:00	06/30/2015	=	52.5	Degrees F				No			CDF_Analytical_Calculated_07202015.zip
M-INF	Zinc, Total	90-Day Mean	04/02/2015 : 00:00:00	06/10/2015	DNQ	4.3	ug/L	5		10	No		Quarterly avg result. See Attachment 1, Tab 1.	CDF_Analytical_Calculated_07202015.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 Q2 2015 (due 07/20/2015)

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

I am also aware that my user ID, password, and answer to a challenge question constitute my electronic signature and any information I indicate I am electronically certifying contains my signature. I understand that my electronic signature is the legal equivalent of my handwritten signature. I certify that I have not violated any term in my Electronic Signature Agreement and that I am otherwise without any reason to believe that the confidentiality of my password and challenge question answers have been compromised now or at any time prior to this submission. I understand that this attestation of fact pertains to the implementation, oversight, and enforcement of a federal environmental program and must be true to the best of my knowledge.

Name: Kenneth Cortese

Title: No Title

Diablo Canyon Power Plant - NPDES Data Worksheets
2nd Quarter 2015

	Tab	Information
Go To Tab 1	1	Miscellaneous Quarterly Averages
Go To Tab 2	2	Circulating Water Chlorine Residual - April
Go To Tab 3	3	Circulating Water Chlorine Residual - May
Go To Tab 4	4	Circulating Water Chlorine Residual - June
Go To Tab 5	5	001D Flow Weighted Averages For TSS and O&G - April
Go To Tab 6	6	001D Flow Weighted Averages For TSS and O&G - May
Go To Tab 7	7	001D Flow Weighted Averages For TSS and O&G - June
Go To Tab 8	8	001N TSS, SS and O&G - April
Go To Tab 9	9	001N TSS, SS and O&G - May
Go To Tab 10	10	001N TSS, SS and O&G - June
Go To Tab 11	11	Miscellaneous Duplicates - April
Go To Tab 12	12	Miscellaneous Duplicates - May
Go To Tab 13	13	Miscellaneous Duplicates - June

Navigation

	A	B	C	D	E	F	G	H	I	J	K
1											
2		Miscellaneous Quarterly Average Calculations for Quarterly eSMR									
3											
4		-- For Influent Quarterly Metals, fill in highlighted cells only. Subsequent cells will be filled in automatically.									
5		10 µg/L is DCPP lab Reporting Limit. 5 µg/L is DCPP lab MDL.									
6											
7		Sample Date	Analysis Date	Lab	Parameter	Results	Result for Average	Daily Average	Numerical Quarterly Average	Reporting Average for Quarter	
8											
9		4/2/2015	4/21/2015	DCPP	Influent Cr	ND(5)	0	0	0	ND(5)	
10		5/7/2015	5/14/2015	DCPP	Influent Cr	ND(5)	0	0			
11		6/9/2015	6/10/2015	DCPP	Influent Cr	ND(5)	0	0			
12											
13		4/2/2015	4/21/2015	DCPP	Influent Cu	DNQ(6.1)	6	6	7	DNQ(7)	
14		5/7/2015	5/14/2015	DCPP	Influent Cu	DNQ(6.8)	7	7			
15		6/9/2015	6/10/2015	DCPP	Influent Cu	DNQ(7.1)	7	7			
16											
17		4/2/2015	4/21/2015	DCPP	Influent Ni	ND(5)	0	0	0	ND(5)	
18		5/7/2015	5/14/2015	DCPP	Influent Ni	ND(5)	0	0			
19		6/9/2015	6/10/2015	DCPP	Influent Ni	ND(5)	0	0			
20											
21		4/2/2015	4/21/2015	DCPP	Influent Zn	DNQ(6.7)	7	7	4	DNQ(4)	
22		5/7/2015	5/14/2015	DCPP	Influent Zn	ND(5)	0	0			
23		6/9/2015	6/10/2015	DCPP	Influent Zn	DNQ(5.8)	6	6			
24											
25		Quarterly Oil and Grease Averages									
26		5.0 mg/L is DCPP lab Reporting Limit. 1.4 mg/L is DCPP lab MDL.									
27											
28		Sample Date	Analysis Date	Location	Unit	Parameter	Results	Result for Average	Daily Average	Numerical Quarterly Average	Reporting Average for Quarter
29											
30		4/2/2015	4/23/2015	001H	1	O&G	ND(1.4)	0.0	0.0	0.0	ND(1.4)
31		4/1/2015	4/23/2015	001H	2	O&G	ND(1.4)	0.0			
32											
33		4/9/2015	4/23/2015	001L	1	O&G	ND(1.4)	0.0	0.0	0.0	ND(1.4)
34		4/9/2015	4/23/2015	001L	2	O&G	ND(1.4)	0.0			
35											
36		4/1/2015	4/16/2015	002	1	O&G	ND(1.4)	0.0	1.4	1.4	DNQ(1.4)
37		4/1/2015	4/16/2015	002	2	O&G	DNQ(2.8)	2.8			
38											
39		Quarterly Metals Composite Averages									
40		10 µg/L is DCPP lab Reporting Limit. 5 µg/L is DCPP lab MDL.									
41											
42		First Aliquot Date	Last Aliquot Date	Location	Unit	Parameter	Results	Result for Average	Numerical Quarterly Average	Reporting Average for Quarter	
43		4/6/2015	6/8/2015	001H	1	Ag	ND(5)	0	0	ND(5)	
44		4/6/2015	6/8/2015	001H	2	Ag	ND(5)	0			
45											
46		4/6/2015	6/8/2015	001H	1	Cd	ND(5)	0	0	ND(5)	
47		4/6/2015	6/8/2015	001H	2	Cd	ND(5)	0			
48											
49		4/6/2015	6/8/2015	001H	1	Cr	20	20	10	10	
50		4/6/2015	6/8/2015	001H	2	Cr	DNQ(6)	0			
51											
52		4/6/2015	6/8/2015	001H	1	Cu	21	21	23	23	
53		4/6/2015	6/8/2015	001H	2	Cu	24	24			
54											
55		4/6/2015	6/8/2015	001H	1	Ni	12	12	6	<10	
56		4/6/2015	6/8/2015	001H	2	Ni	DNQ(6)	0			
57											
58		4/6/2015	6/8/2015	001H	1	Pb	23	23	17	17	
59		4/6/2015	6/8/2015	001H	2	Pb	11	11			
60											
61		4/6/2015	6/8/2015	001H	1	Zn	13	13	7	<10	
62		4/6/2015	6/8/2015	001H	2	Zn	DNQ(7)	0			
63											
64		4/1/2015	6/10/2015	001L	1	Ag	ND(5)	0	0	ND(5)	
65		4/1/2015	6/10/2015	001L	2	Ag	ND(5)	0			
66											
67		4/1/2015	6/10/2015	001L	1	Cd	ND(5)	0	0	ND(5)	
68		4/1/2015	6/10/2015	001L	2	Cd	ND(5)	0			
69											
70		4/1/2015	6/10/2015	001L	1	Cr	ND(5)	0	0	ND(5)	
71		4/1/2015	6/10/2015	001L	2	Cr	ND(5)	0			
72											
73		4/1/2015	6/10/2015	001L	1	Cu	ND(5)	0	0	ND(5)	
74		4/1/2015	6/10/2015	001L	2	Cu	ND(5)	0			
75											
76		4/1/2015	6/10/2015	001L	1	Ni	ND(5)	0	0	ND(5)	
77		4/1/2015	6/10/2015	001L	2	Ni	ND(5)	0			
78											
79		4/1/2015	6/10/2015	001L	1	Pb	ND(5)	0	0	ND(5)	
80		4/1/2015	6/10/2015	001L	2	Pb	ND(5)	0			
81											
82		4/1/2015	6/10/2015	001L	1	Zn	ND(5)	0	0	ND(5)	
83		4/1/2015	6/10/2015	001L	2	Zn	ND(5)	0			
84											
85		4/1/2015	6/10/2015	001L	1	Hg	ND(5)	0	0	ND(5)	
86		4/1/2015	6/10/2015	001L	2	Hg	ND(5)	0			

	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		4/1/2015	4/2/2015	4/3/2015	4/4/2015	4/5/2015	4/6/2015	4/7/2015	4/8/2015	4/9/2015	4/10/2015	4/11/2015	4/12/2015	4/13/2015	4/14/2015	4/15/2015
8	Unit 1 TRC (ppb)	19	19	19	16	21	16	25	23	28	31	28	29	28	23	23
9		12	19	21	19	19	23	25	23	25	28	28	28	23	25	23
10		18	19	18	18	19	16	25	23	28	28	34	29	21	23	31
11		14	21	19	16	18	25	21	25	33	25	26	28	11	25	28
12		25	21	18	21	21	25	19	25	28	23	22	28	12	28	31
13		18	19	16	16	18	25	25	28	25	19	22	31	19	23	28
14	Unit 1 Cl2 Use (lbs)	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288
15	Unit 2 TRC (ppb)	30	30	33	30	30	28	40	33	36	40	36	40	36	28	28
16		30	33	33	33	30	33	40	33	36	40	36	35	36	30	30
17		28	30	30	30	28	28	36	33	40	36	35	42	25	28	28
18		33	30	33	30	30	40	36	33	44	36	34	33	16	30	30
19		36	33	33	30	30	40	30	36	40	36	34	36	11	25	30
20		30	30	30	28	28	40	33	36	40	30	28	36	23	28	30
21	Unit 2 Cl2 Use (lbs)	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288
22																
23		25	21	21	21	21	25	25	28	33	31	34	31	28	28	31
24		36	33	33	33	30	40	40	36	44	40	36	42	36	30	30
25	Daily Maximum TRC (ppb)	**36**	**33**	**33**	**33**	**30**	**40**	**40**	**36**	**44**	**40**	**36**	**42**	**36**	**30**	**31**
26	Daily Cl2 Use (lbs)	**576**	**576**	**576**	**576**	**576**	**576**	**576**	**576**	**576**	**576**	**576**	**576**	**576**	**576**	**576**
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	4/16/2015	4/17/2015	4/18/2015	4/19/2015	4/20/2015	4/21/2015	4/22/2015	4/23/2015	4/24/2015	4/25/2015	4/26/2015	4/27/2015	4/28/2015	4/29/2015	4/30/2015		
8	28	19	16	23	16	18	19	21	18	21	13	18	18	18	23		
9	28	18	19	23	16	13	15	21	23	19	18	23	15	16	18		
10	25	16	23	23	16	16	19	19	23	15	21	21	13	15	13		
11	23	16	25	19	19	19	21	21	21	18	16	21	13	19	10		
12	21	13	23	15	13	15	16	18	21	16	21	18	13	16	<10		
13	15	16	26	16	13	21	18	18	21	13	19	16	15	19	13		
14	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288		
15	36	19	16	27	19	17	25	28	30	25	25	30	25	30	30		
16	33	17	10	24	21	17	21	23	33	28	30	30	30	30	36		
17	33	23	27	24	21	21	28	23	33	23	30	23	25	28	21		
18	28	17	32	25	21	23	25	33	33	21	33	33	17	25	19		
19	23	12	28	16	13	21	25	28	30	25	33	28	16	25	15		
20	22	16	25	17	17	25	28	33	33	21	28	23	21	30	15		
21	288	288	288	288	288	302.4	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8		
22																	
23	28	19	26	23	19	21	21	21	23	21	21	23	18	19	23	0	
24	36	23	32	27	21	25	28	33	33	28	33	33	30	30	36	0	
25	**36**	**23**	**32**	**27**	**21**	**25**	**28**	**33**	**33**	**28**	**33**	**33**	**30**	**30**	**36**	**0**	
26	**576**	**576**	**576**	**576**	**576**	**590**	**605**	**605**	**605**	**605**	**605**	**605**	**605**	**605**	**605**	**0**	
27														Chlorine	(ppb)	(lbs/day)	
28														Monthly Average	**33**	**585**	
29								MONTHLY CHLORINE USE:		17,554	lbs.			Maximum	**44**	**605**	
30														Minimum	**21**	**576**	
31														Verify that values have correct references.			
32												06/25/2015 -- Verfiied that all calcs end at AE for 30 day month -- M6BX					
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		5/1/2015	5/2/2015	5/3/2015	5/4/2015	5/5/2015	5/6/2015	5/7/2015	5/8/2015	5/9/2015	5/10/2015	5/11/2015	5/12/2015	5/13/2015	5/14/2015	5/15/2015
8	Unit 1 TRC (ppb)	15	10	<10	<10	15	21	19	16	<10	16	23	18	19	23	<10
9		<10	<10	<10	13	15	23	18	13	<10	16	23	16	19	19	<10
10		11	12	13	13	19	19	19	18	12	18	23	16	19	<10	13
11		12	12	<10	16	18	21	19	16	13	18	16	16	19	18	15
12		<10	<10	<10	16	16	18	23	<10	16	19	18	19	23	13	16
13		<10	10	<10	21	21	19	21	<10	16	21	19	21	23	19	19
14	Unit 1 Cl2 Use (lbs)	302.4	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8	316.8	302.4	288.0	288.0	288.0	288.0
15	Unit 2 TRC (ppb)	17	13	12	12	23	33	33	28	21	30	30	25	25	23	14
16		16	13	16	16	23	30	30	28	19	30	33	25	25	19	16
17		16	14	14	23	33	33	30	36	25	25	30	25	25	16	21
18		17	10	<10	23	25	36	40	33	25	28	28	25	25	19	17
19		<10	<10	16	25	40	30	33	<10	23	28	25	28	25	19	19
20		<10	10	14	30	30	33	28	14	25	28	25	25	25	23	21
21	Unit 2 Cl2 Use (lbs)	331.2	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	345.6	331.2	316.8	316.8	316.8	316.8
22																
23		15	12	13	21	21	23	23	18	16	21	23	21	23	23	19
24		17	14	16	30	40	36	40	36	25	30	33	28	25	23	21
25	Daily Maximum TRC (ppb)	**17**	**14**	**16**	**30**	**40**	**36**	**40**	**36**	**25**	**30**	**33**	**28**	**25**	**23**	**21**
26	Daily Cl2 Use (lbs)	**634**	**662**	**662**	**662**	**662**	**662**	**662**	**662**	**662**	**662**	**634**	**605**	**605**	**605**	**605**
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	**5/16/2015**	**5/17/2015**	**5/18/2015**	**5/19/2015**	**5/20/2015**	**5/21/2015**	**5/22/2015**	**5/23/2015**	**5/24/2015**	**5/25/2015**	**5/26/2015**	**5/27/2015**	**5/28/2015**	**5/29/2015**	**5/30/2015**	**5/31/2015**	
8	11	11	11	12	13	12	no injection	no injection	no injection	10	11	<10	15	15	13	<10	
9	16	16	13	<10	11	11	no injection	no injection	no injection	10	13	<10	13	18	13	<10	
10	19	17	13	<10	11	<10	no injection	no injection	no injection	10	<10	<10	16	18	11	<10	
11	16	13	<10	13	15	12	no injection	no injection	<10	10	<10	12	16	18	11	<10	
12	19	10	<10	<10	10	<10	no injection	no injection	<10	15	<10	12	16	15	10	<10	
13	19	15	12	11	10	10	no injection	no injection	12	11	11	15	18	13	<10	<10	
14	288.0	288.0	273.6	259.2	259.2	259.2	0.0	0.0	86.4	259.2	259.2	268.8	288.0	288.0	288.0	288.0	
15	17	17	17	23	17	16	no injection	no injection	0	28	33	12	17	21	18	18	
16	16	19	14	21	21	19	no injection	no injection	0	30	33	13	17	21	19	17	
17	21	21	21	21	17	19	no injection	no injection	0	30	28	13	18	21	18	18	
18	19	16	19	25	21	21	no injection	no injection	10	33	<10	14	21	19	18	17	
19	19	17	16	21	19	19	no injection	no injection	21	33	10	16	21	14	16	16	
20	25	21	21	19	19	19	no injection	no injection	28	33	13	17	23	18	16	17	
21	316.8	316.8	309.6	302.4	302.4	302.4	0.0	0.0	118.8	273.6	283.2	309.6	316.8	316.8	316.8	316.8	
22																	
23	19	17	13	13	15	12	0	0	12	15	13	15	18	18	13	0	
24	25	21	21	25	21	21	0	0	28	33	33	17	23	21	19	18	
25	**25**	**21**	**21**	**25**	**21**	**21**	**0**	**0**	**28**	**33**	**33**	**17**	**23**	**21**	**19**	**18**	
26	**605**	**605**	**583**	**562**	**562**	**562**	**0**	**0**	**205**	**533**	**542**	**578**	**605**	**605**	**605**	**605**	
27														**Chlorine**	**(ppb)**	**(lbs/day)**	
28														**Monthly Average**	**24**	**561**	
29									**MONTHLY CHLORINE USE:**	**17,404**	**lbs.**			**Maximum**	**40**	**662**	
30														**Minimum**	**0**	**0**	
31														**Verify that values have correct references.**			
32														06/25/2015 – Verfied that all calcs end at AF for 31 day month – M6BX			
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		6/1/2015	6/2/2015	6/3/2015	6/4/2015	6/5/2015	6/6/2015	6/7/2015	6/8/2015	6/9/2015	6/10/2015	6/11/2015	6/12/2015	6/13/2015	6/14/2015	6/15/2015
8	Unit 1 TRC (ppb)	<10	<10	10	19	18	16	13	18	<10	15	13	12	10	<10	11
9		<10	<10	11	25	19	16	16	15	16	16	16	16	11	<10	15
10		<10	<10	12	18	16	18	16	15	12	13	12	19	10	15	13
11		<10	10	23	19	19	16	16	19	15	15	16	13	<10	11	15
12		<10	10	21	25	21	16	19	18	12	16	25	19	12	12	16
13		<10	15	19	19	16	16	18	19	12	11	19	16	<10	12	13
14	Unit 1 Cl2 Use (lbs)	292.8	316.8	331.2	331.2	331.2	331.2	331.2	331.2	331.2	331.2	331.2	331.2	331.2	331.2	338.4
15	Unit 2 TRC (ppb)	17	16	34	47	36	34	37	24	21	23	25	21	20	19	21
16		17	17	37	47	36	40	39	24	22	24	27	24	24	19	24
17		17	17	37	43	33	44	43	24	22	24	25	23	21	22	22
18		16	34	41	36	38	43	41	24	25	26	26	21	19	19	21
19		15	33	36	47	36	39	39	22	21	26	27	23	21	20	22
20		15	35	38	36	35	38	41	23	23	24	25	23	19	20	22
21	Unit 2 Cl2 Use (lbs)	316.8	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	15	23	25	21	18	19	19	16	16	25	19	12	15	16
24		17	35	41	47	38	44	43	24	25	26	27	24	24	22	24
25	Daily Maximum TRC (ppb)	**17**	**35**	**41**	**47**	**38**	**44**	**43**	**24**	**25**	**26**	**27**	**24**	**24**	**22**	**24**
26	Daily Cl2 Use (lbs)	**610**	**648**	**677**	**677**	**677**	**677**	**677**	**677**	**677**	**677**	**677**	**677**	**677**	**677**	**684**
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	6/16/2015	6/17/2015	6/18/2015	6/19/2015	6/20/2015	6/21/2015	6/22/2015	6/23/2015	6/24/2015	6/25/2015	6/26/2015	6/27/2015	6/28/2015	6/29/2015	6/30/2015		
8	15	10	10	<10	15	16	17	19	19	12	11	<10	<10	<10	<10		
9	15	10	<10	<10	19	16	22	19	18	12	11	<10	<10	<10	10		
10	15	12	<10	11	15	19	15	19	18	12	<10	<10	<10	<10	10		
11	13	12	<10	12	18	17	19	18	16	13	<10	<10	<10	<10	<10		
12	12	12	<10	12	16	18	18	19	16	13	<10	<10	<10	10	<10		
13	12	13	<10	15	19	16	18	19	12	12	<10	<10	<10	12	<10		
14	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	345.6	345.6		
15	23	22	22	21	30	30	30	33	33	36	36	17	18	17	17		
16	26	22	21	22	33	30	32	33	30	43	25	22	20	21	19		
17	27	19	19	22	30	28	27	33	30	33	25	14	19	19	19		
18	24	22	22	25	30	28	30	27	36	39	25	21	21	27	13		
19	23	25	21	22	30	28	33	30	39	36	27	21	21	22	12		
20	22	22	22	27	33	30	30	30	39	36	17	14	19	21	11		
21	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	345.6	345.6		
22																	
23	15	13	10	15	19	19	22	19	19	13	11	0	0	12	10	0	
24	27	25	22	27	33	30	33	33	39	43	36	22	21	27	19	0	
25	**27**	**25**	**22**	**27**	**33**	**30**	**33**	**33**	**39**	**43**	**36**	**22**	**21**	**27**	**19**	**0**	
26	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**691**	**0**	
27														Chlorine	(ppb)	(lbs/day)	
28														Monthly Average	**30**	**681**	
29							MONTHLY CHLORINE USE:			20,431	lbs.			Maximum	**47**	**691**	
30														Minimum	**17**	**610**	
31														Verify that values have correct references.			
32														06/25/2015 -- Verfifed that all calcs end at AE for a 30 day month -- M6BX			
33																	
34																	
35																	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1															
2															
3		**LRW TSS Data**													
4															
5		**2.0 mg/L is MDL. 5.0 mg/L is Reporting Limit.**													
6		**Results are reported to the Water Board to whole numbers only (no tenths).**													
7															
8		**System**	**Batch**	**Tank**	**Volume**	**Discharge Date**	**Status**	**Filter 1**	**Filter 2**	**Net TSS**	**TSS for avg.**	**Unused Volumes**	**Weight**	**Weighted TSS**	
9		LRW	13	DRR 0-1	9,185	4/15/2015 12:06	O	1.6	#N/A	ND(2)	0		0.27	0.00	
10		LRW	14	LDT 0-1	14,796	4/17/2015 11:17	O	1.8	#N/A	ND(2)	0		0.44	0.00	
11		LRW		LDT 0-1 dup				1.4	#N/A	ND(2)					
12		LRW	15	CDT 0-2	502	4/28/2015 15:55	O	15.4	0.8	14.6	14		0.01	0.21	
13		LRW		CDT 0-2 dup				13.8	0.3	13.5					
14		LRW	16	PWR 0-2	9,349	4/30/2015 11:08	O	1.5	#N/A	ND(2)	0		0.28	0.00	
15		LRW													
16		LRW													
17		LRW													
18		LRW													
19		LRW													
20		LRW													
21		LRW													
22		LRW													
23		LRW													
24		LRW													
25		LRW													
26		LRW													
27		LRW													
28		LRW													
29		LRW													
30		LRW													
31		LRW													
32		LRW													
33		LRW													
34		LRW													
35		LRW													
36		LRW													
37		LRW													
38		LRW													
39															
40		total volume of sampled tanks:			33,832						total sum of volume weights:	1.00	**Monthly LRW TSS Average**		
41													**0.21**		
42													Report < 5 to Reflect CDT 0-2 > RL		
43															
44															
45		**001D**	**O&G Data**												
46															
47		**1.4 mg/L is MDL. 5.0 mg/L is Reporting Limit.**													
48		**Results are reported to the Water Board to the nearest tenth mg/L.**													
49															
50		**System**	**Batch**	**Tank**	**Volume**	**Discharge Date**	**Status**	**Result**	**O&G for avg.**	**Weight**	**Weighted O&G**				
51		LRW	13	DRR 0-1	9,185	4/15/2015 12:06	O	ND(1.4)	0.0	0.27	0.00				
52		LRW	14	LDT 0-1	14,796	4/17/2015 11:17	O	DNQ(1.6)	0.0	0.44	0.00				
53		LRW	15	CDT 0-2	502	4/28/2015 15:55	O	7.6	7.6	0.01	0.11				
54		LRW	16	PWR 0-2	9,349	4/30/2015 0:00	O	ND(1.4)	0.0	0.28	0.00				
55		LRW													
56		LRW													
57		LRW													
58		LRW													
59		LRW													
60															
61		total volume of sampled tanks:			33,832			total sum of volume weights:	1.00	**Monthly O&G Average**					
62										**0.1**					
63										Report <5 to Reflect CDT 0-2 > RL					
64															
65															

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1															
2															
3		**LRW TSS Data**													
4															
5		**2.0 mg/L is MDL. 5.0 mg/L is Reporting Limit.**													
6		**Results are reported to the Water Board to whole numbers only (no tenths).**													
7															
8		**System**	**Batch**	**Tank**	**Volume**	**Discharge Date**	**Status**	**Filter 1**	**Filter 2**	**Net TSS**	**TSS for avg.**	**Unused Volumes**	**Weight**	**Weighted TSS**	
9		LRW	17	PWR 0-1	9,061	5/14/2015 12:57	O	0.1	#N/A	<2	0		0.95	0.00	
10		LRW	18	CDT 0-1	461.9	5/26/2015 11:32	O	38.0	#N/A	38.0	37.4		0.05	1.81	
11		LRW		CDT 0-1 dup				36.7	#N/A	36.7					
12		LRW	19	PWR 0-2		5/27/2015 12:26	O					9,205			
13		LRW													
14		LRW													
15		LRW													
16		LRW													
17		LRW													
18		LRW													
19		LRW													
20		LRW													
21		LRW													
22		LRW													
23		LRW													
24		LRW													
25		LRW													
26		LRW													
27		LRW													
28		LRW													
29		LRW													
30		LRW													
31		LRW													
32		LRW													
33		LRW													
34		LRW													
35		LRW													
36		LRW													
37		LRW													
38		LRW													
39															
40				total volume of sampled tanks:	9,523						total sum of volume weights:	1.00	**Monthly LRW TSS Average**		
41													**1.81**		
42													Report < 5 to Reflect CDT 0-1 > RL		
43															
44															
45		**001D**	**O&G Data**												
46															
47		**1.4 mg/L is MDL. 5.0 mg/L is Reporting Limit.**													
48		**Results are reported to the Water Board to the nearest tenth mg/L.**													
49															
50		**System**	**Batch**	**Tank**	**Volume**	**Discharge Date**	**Status**	**Result**	**O&G for avg.**	**Weight**	**Weighted O&G**				
51		LRW	18	CDT 0-1	461.9	5/26/2015 0:00	O	ND(1.4)	0.0	1.00	0.00				
52		LRW													
53		LRW													
54		LRW													
55		LRW													
56		LRW													
57		LRW													
58		LRW													
59		LRW													
60															
61				total volume of sampled tanks:	462			total sum of volume weights:		1.00	**Monthly O&G Average**				
62											**0.0**				
63											Report ND(1.4) to Reflect CDT 0-1 < MDL and RL				
64															
65															

LRW TSS Data

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

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

System	Batch	Tank	Volume	Discharge Date	Status	Filter 1	Filter 2	Net TSS	TSS for avg.	Unused Volumes	Weight	Weighted TSS
LRW	20	LDT 0-2	14,989	6/3/2015 9:46	O	<0.1	#N/A	<2.0	0		0.373	0.00
LRW		LDT 0-2 dup				<0.1	#N/A	<2.0				
LRW	21	LDT 0-1	14,989	6/10/2015 9:43	O	0.6	#N/A	<2.0	0		0.373	0.00
LRW		LDT 0-1 dup				0.7	#N/A	<2.0				
LRW	22	PWR 0-1	9,637	6/11/2015 11:38	O	<2	#N/A	<2.0	0		0.240	0.00
LRW	23	LDT-02		6/18/2015 12:48	O					15,181		
LRW	24	PWR 0-1		6/23/2015 11:46	O					9,637		
LRW	25	CDT 0-2	518	6/25/2015 11:14	O	26.1	0.3	25.8	25		0.013	0.32
LRW		CDT 0-2 dup				25.7	1.3	24.4				
LRW	26	LDT 0-1		6/30/2015 12:06	O					15,187		

total volume of sampled tanks: 40,133

total sum of volume weights: 1.00

Monthly LRW TSS Average

0.32

Report < 5 Because CDT 0-2 > RL

001D O&G Data

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

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

System	Batch	Tank	Volume	Discharge Date	Status	Result	O&G for avg.	Weight	Weighted O&G
LRW	25	CDT 0-2	518	6/25/2015 11:14	O	ND(1.4)	0.0	1.00	0.00

total volume of sampled tanks: 518

total sum of volume weights: 1.00

Monthly O&G Average

0.0

Report ND(1.4)

	A	B	C	D	E	F	G	H
2								
3		**001N Monthly Average Calculations**						
4		**NOTE: Values <Reporting Limit are treated as 0 when averaged with values ≥ RL.**						
5		All Results on this sheet are included in Vendor Laboratory Data						
6								
7		**0.24 mg/L is O&G method 1664 MDL for BSK Lab.**						
8		**5.0 mg/L is O&G Method 1664 Reporting Limit.**						
9		**Results are reported to the Water Board to the nearest tenth mg/L.**						
10								
11		**Oil and Grease (mg/L)**						
12								
13								
14		**Date**	**Result**	**Numerical Daily Average**	**Average Qualifier**	**Results for Monthly Average**	**Report Monthly Average**	
15		4/1/2015	DNQ(0.69)	0.23	DNQ	0.23	0.6	
16			ND(0.24)				Report DNQ(0.6)	
17			ND(0.24)					
18		4/8/2015	ND(0.24)	0.46	DNQ	0.46	**Daily Maximum**	
19			DNQ(0.79)				1.5	
20			DNQ(0.59)					
21		4/13/2015	ND(0.24)	0.13	DNQ	0.13		
22			ND(0.24)					
23			DNQ(0.40)					
24		4/22/2015	DNQ(1.4)	1.5	DNQ	1.5		
25			DNQ(1.9)					
26			DNQ(1.1)					
27		4/29/2015	DNQ(0.29)	0.46	DNQ	0.46		
28			DNQ(0.59)					
29			DNQ(0.49)					
30								
31								
32		**Total Suspended Solids (mg/L)**						
33								
34		**Date**	**Result**	**Numerical Result**	**Monthly Average**			
35		4/1/2015	11	11	14			
36		4/8/2015	18	18				
37		4/13/2015	6	6	**Daily Maximum**			
38		4/22/2015	31	31	31			
39		4/29/2015	6	6				
40								
41								
42		**Settleable Solids (ml/L)**						
43								
44		**Date**	**Result**	**Numerical Result**	**Monthly Average**			
45		4/1/2015	DNQ(0.1)	0.0	0.1			
46		4/8/2015	DNQ(0.1)	0.0				
47		4/13/2015	DNQ(0.1)	0.0	**Daily Maximum**			
48		4/22/2015	0.5	0.5	0.5			
49		4/29/2015	DNQ(0.1)	0.0				
50								
51								
52								

	A	B	C	D	E	F	G	H
2								
3		**001N Monthly Average Calculations**						
4		**NOTE: Values <Reporting Limit are treated as 0 when averaged with values ≥ RL.**						
5		All Results on this sheet are included in Vendor Laboratory Data						
6								
7		**0.24 mg/L is O&G method 1664 MDL for BSK Lab.**						
8		**5.0 mg/L is O&G Method 1664 Reporting Limit.**						
9		**Results are reported to the Water Board to the nearest tenth mg/L.**						
10								
11		**Oil and Grease (mg/L)**						
12								
13								
14		**Date**	**Result**	**Numerical Daily Average**	**Average Qualifier**	**Results for Monthly Average**	**Report Monthly Average**	
15		5/6/2015	DNQ(1.5)	2.3	DNQ	2.3	1.03	
16			DNQ(3.5)				Report DNQ(1.0)	
17			DNQ(1.9)					
18		5/12/2015	DNQ(0.78)	0.9	DNQ	0.9	**Daily Maximum**	
19			DNQ(0.70)				2.3	
20			DNQ(1.3)					
21		5/20/2015	DNQ(0.8)	0.5	DNQ	0.5		
22			ND(0.24)					
23			DNQ(0.59)					
24		5/26/2015	DNQ(0.59)	0.4	DNQ	0.4		
25			DNQ(0.50)					
26			ND(0.24)					
27								
28								
29								
30								
31								
32		**Total Suspended Solids (mg/L)**						
33								
34		**Date**	**Result**	**Numerical Result**	**Monthly Average**			
35		5/6/2015	4	4	7			
36		5/12/2015	9	9				
37		5/20/2015	10	10	**Daily Maximum**			
38		5/26/2015	5	5	10			
39								
40								
41								
42		**Settleable Solids (ml/L)**						
43								
44		**Date**	**Result**	**Numerical Result**	**Monthly Average**			
45		5/6/2015	<0.1	0.0	DNQ(0.1)			
46		5/12/2015	<0.1	0.0				
47		5/20/2015	<0.1	0.0	**Daily Maximum**			
48		5/26/2015	<0.1	0.0	0.0			
49								
50								
51								
52								

	A	B	C	D	E	F	G	H
2								
3		**001N Monthly Average Calculations**						
4		**NOTE: Values <Reporting Limit are treated as 0 when averaged with values ≥ RL.**						
5		All Results on this sheet are included in Vendor Laboratory Data						
6								
7		**0.24 mg/L is O&G method 1664 MDL for BSK Lab.**						
8		**5.0 mg/L is O&G Method 1664 Reporting Limit.**						
9		**Results are reported to the Water Board to the nearest tenth mg/L.**						
10								
11		**Oil and Grease (mg/L)**						
12								
13								
14		**Date**	**Result**	**Numerical Daily Average**	**Average Qualifier**	**Results for Monthly Average**	**Report Monthly Average**	
15		6/2/2015	ND(0.24)	0.00	ND	0.00	0.30	
16		6/2/2015	ND(0.24)				Report DNQ(0.30)	
17		6/2/2015	ND(0.24)					
18		6/10/2015	DNQ(0.58)	0.62	DNQ	0.62	**Daily Maximum**	
19		6/10/2015	DNQ(0.70)				0.62	
20		6/10/2015	DNQ(0.59)					
21		6/16/2015	ND(0.24)	0.13	DNQ	0.13		
22		6/16/2015	ND(0.24)					
23		6/16/2015	DNQ(0.39)					
24		6/22/2015	DNQ(0.30)	0.43	DNQ	0.43		
25		6/22/2015	DNQ(0.69)					
26		6/22/2015	DNQ(0.30)					
27								
28								
29								
30								
31								
32		**Total Suspended Solids (mg/L)**						
33								
34		**Date**	**Result**	**Numerical Result**	**Monthly Average**			
35		6/2/2015	9	9	11			
36		6/10/2015	16	16				
37		6/16/2015	8	8	**Daily Maximum**			
38		6/22/2015	9	9	16			
39								
40								
41								
42		**Settleable Solids (ml/L)**						
43								
44		**Date**	**Result**	**Numerical Result**	**Monthly Average**			
45		6/2/2015	<0.1	0.0	DNQ(0.1)			
46		6/10/2015	<0.1	0.0				
47		6/16/2015	<0.1	0.0	**Daily Maximum**			
48		6/22/2015	<0.1	0.0	0.0			
49								
50								
51								
52								

Miscellaneous Daily Duplicate/Average and Monthly Average Calculations for eSMR

Duplicate pH Averages

Date	Time	Analysis Date	Location	Unit	Parameter	Result	Average
4/13/2015	14:42	4/13/2015	001P	N/A	pH	7.64	7.6
4/13/2015	14:42	4/13/2015	001P	N/A	pH	7.64	
4/1/2015	9:40	4/1/2015	002	1	pH	7.73	7.8
4/1/2015	9:45	4/1/2015	002	2	pH	7.78	

Monthly TSS Averages

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

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

Date	Time	Analysis Date	Location	Unit	Sample TSS	Filtrate TSS	Net TSS	TSS for Average	Daily Average	Numerical Monthly Average	Reported Monthly Average
4/2/2015	7:10	4/2/2015	001F	N/A	1.3	0.0	1.3	0.0	0.0	0.0	ND(2)
4/2/2015	7:10	4/2/2015	001F	N/A	1.1	0.0	1.1	0.0			
4/2/2015	2:30	4/2/2015	001H	1	<0.1	<0.1	<2.0	0.0	0.0	0.0	ND(2)
4/1/2015	12:10	4/1/2015	001H	2	0.2	0.1	<2.0	0.0	0.0		
4/9/2015	10:48	4/9/2015	001L	1	<2.0	#N/A	<2.0	0.0	0.0	0.0	ND(2)
4/9/2015	10:58	4/9/2015	001L	2	<2.0	#N/A	<2.0	0.0			
4/13/2015	10:03	4/13/2015	001P	N/A	9.3	0.5	8.8	8.8	5.6	5.6	6
4/13/2015	12:15	4/13/2015	001P	N/A	8.5	0.4	8.1	8.1			
4/13/2015	14:42	4/13/2015	001P	N/A	3.7	1.0	2.7	0.0			
4/1/2015	9:40	4/1/2015	002	1	3.3	0.7	2.6	2.6	3.4	3.4	DNQ(3)
4/1/2015	9:45	4/1/2015	002	2	4.6	0.4	4.2	4.2			
4/1/2015	12:20	4/1/2015	003	N/A	19.4	0.8	18.6	18.6	19.7	19.7	20
4/1/2015	12:20	4/1/2015	003	N/A	21.3	0.5	20.8	20.8			

Miscellaneous Daily Duplicate/Average and Monthly Average Calculations for eSMR

Duplicate pH Averages

Date	Time	Analysis Date	Location	Unit	Parameter	Result	Average
5/5/2015	10:45	5/5/2015	001P	N/A	pH	7.54	7.6
5/5/2015	10:45	5/5/2015	001P	N/A	pH	7.58	
5/7/2015	15:20	5/7/2015	002	1	pH	7.74	7.7
5/7/2015	15:25	5/7/2015	002	2	pH	7.73	

Monthly TSS Averages

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

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

Date	Time	Analysis Date	Location	Unit	Sample TSS	Filtrate TSS	Net TSS	TSS for Average	Daily Average	Numerical Monthly Average	Reported Monthly Average
5/4/2015	12:45	5/4/2015	001F	N/A	1.9	0.0	1.9	1.9	1.7	1.7	DNQ(2)
5/4/2015	12:45	5/4/2015	001F	N/A	1.7	0.2	1.5	1.5			
5/2/2015	8:45	5/2/2015	001H	1	0.2	0.0	0.2	0.2	0.2	0.3	ND(2)
5/1/2015	16:10	5/1/2015	001H	2	0.4	0.0	0.4	0.4	0.4		
5/6/2015	13:43	5/6/2015	001L	1	0.0	#N/A	0.0	0.0	0.2	0.2	ND(2)
5/6/2015	13:48	5/6/2015	001L	2	0.4	#N/A	0.4	0.4			
5/5/2015	7:53	5/5/2015	001P	N/A	3.2	0.5	2.7	2.7	2.5	2.5	DNQ(3)
5/5/2015	10:45	5/6/2015	001P	N/A	4.5	0.7	3.8	3.8			
5/5/2015	13:55	5/5/2015	001P	N/A	1.7	0.8	0.9	0.9			
5/7/2015	15:20	5/11/2015	002	1	2.3	0.2	2.1	2.1	1.9	1.9	DNQ(2)
5/7/2015	15:25	5/11/2015	002	2	2.1	0.5	1.6	1.6			
5/5/2015	9:17	5/5/2015	003	N/A	3.4	0.2	3.2	3.2	2.8	2.8	DNQ(3)
5/5/2015	9:17	5/5/2015	003	N/A	2.7	0.4	2.3	2.3			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2														
3		**Miscellaneous Daily Duplicate/Average and Monthly Average Calculations for eSMR**												
4														
5		**Duplicate pH Averages**												
6														
7		**Date**	**Time**	**Analysis Date**	**Location**	**Unit**	**Parameter**	**Result**	**Average**					
8														
9		6/8/2015	13:24	6/8/2015	001P	N/A	pH	7.67	7.7					
10		6/8/2015	13:24	6/8/2015	001P	N/A	pH	7.70						
11														
12		6/1/2015	12:31	6/1/2015	002	1	pH	7.85	7.9					
13		6/1/2015	12:35	6/1/2015	002	2	pH	7.86						
14														
15														
16		**Monthly TSS Averages**												
17														
18		**2 mg/L is MDL. 5 mg/L is Reporting Limit.**												
19		**Results are reported to the Water Board to whole numbers only (no tenths).**										**Numerical**	**Reported**	
20										**TSS for**	**Daily**	**Monthly**	**Monthly**	
21		**Date**	**Time**	**Analysis Date**	**Location**	**Unit**	**Sample TSS**	**Filtrate TSS**	**Net TSS**	**Average**	**Average**	**Average**	**Average**	
22														
23		6/1/2015	7:20	6/1/2015	001F	N/A	2.0	0.1	1.9	1.9	1.5	1.5	DNQ(2)	
24		6/1/2015	7:20	6/1/2015	001F	N/A	1.3	0.2	1.1	1.1				
25														
26		6/1/2015	3:20	6/1/2015	001H	1	<0.1	<0.1	<2	0.0	0.0	0.0	ND(2)	
27		6/2/2015	3:30	6/2/2015	001H	2	0.2	<0.1	<2	0.0				
28														
29		6/1/2015	9:48	6/1/2015	001L	1	0.0	#N/A	0.0	0.0	0.0	0.0	ND(2)	
30		6/1/2015	9:53	6/1/2015	001L	2	0.0	#N/A	0.0	0.0				
31														
32		6/8/2015	7:20	6/8/2015	001P	N/A	14.0	1.8	12.2	12.2	4.1	4.1	DNQ(4)	
33		6/8/2015	10:29	6/8/2015	001P	N/A	2.5	1.6	0.9	0.0				
34		6/8/2015	13:24	6/8/2015	001P	N/A	2.3	1.1	1.2	0.0				
35														
36		6/1/2015	12:31	6/1/2015	002	1	1.0	0.3	0.7	0.7	0.9	0.9	ND(2)	
37		6/1/2015	12:35	6/1/2015	002	2	1.5	0.5	1.0	1.0				
38														
39		6/1/2015	12:17	6/1/2015	003	N/A	4.5	0.4	4.1	4.1	4.0	4.0	DNQ(4)	
40		6/1/2015	12:17	6/1/2015	003	N/A	4.3	0.5	3.8	3.8				
41														
42														
43														
44														
45														

Diablo Canyon Power Plant
2015 Second Quarter Contract Lab Results

PDF Page	Description
2 – 4	001N Oil & Grease – 04/01/2015
5 – 7	001N Oil & Grease – 04/08/2015
8 – 10	001N Oil & Grease – 04/13/2015
11 – 13	001N Oil & Grease – 04/22/2015
14 – 16	001N Oil & Grease – 04/29/2015
17 – 19	001N Oil & Grease – 05/06/2015
20 – 22	001N Oil & Grease – 05/12/2015
23 – 25	001N Oil & Grease – 05/20/2015
26 – 28	001N Oil & Grease – 05/26/2015
29 – 31	001N Oil & Grease – 06/02/2015
32 – 34	001N Oil & Grease – 06/10/2015
35 – 37	001N Oil & Grease – 06/16/2015
38 – 40	001N Oil & Grease – 06/22/2015
41	001N Suspended Solids, Settleable Solids – 04/01/2015
42	001N Suspended Solids, Settleable Solids – 04/08/2015
43	001N Suspended Solids, Settleable Solids – 04/13/2015
44	001N Suspended Solids, Settleable Solids – 04/22/2015
45	001N Suspended Solids, Settleable Solids – 04/29/2015
46	001N Suspended Solids, Settleable Solids – 05/06/2015
47	001N Suspended Solids, Settleable Solids – 05/12/2015
48	001N Suspended Solids, Settleable Solids – 05/20/2015
49	001N Suspended Solids, Settleable Solids – 05/26/2015
50	001N Suspended Solids, Settleable Solids – 06/02/2015
51	001N Suspended Solids, Settleable Solids – 06/10/2015
52	001N Suspended Solids, Settleable Solids – 06/16/2015
53	001N Suspended Solids, Settleable Solids – 06/22/2015
54	001H, Unit 2 Mercury – 04/06/2015 to 06/08/2015 Composite 001L, Unit 1 Mercury – 04/01/2015 to 06/10/2015 Composite 001L, Unit 2 Mercury – 04/01/2015 to 06/10/2015 Composite
55	001H, Unit 1 Metals – 04/06/2015 to 06/08/2015 Composite 001D Mercury, Metals – 04/15/2015 to 06/11/2015 Composite 001F Mercury – 04/10/2015 to 04/17/2015 Composite
56 – 57	Intake, Discharge 001 Ammonia as Nitrogen – 04/29/2015
58 – 62	Discharge 001 Acute Toxicity Test – 05/11/2015
63 – 77	Discharge 001 Chronic Toxicity Test – 05/11/2015

Certificate of Analysis

Sample ID: A5D0192-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/01/15 - 11:57
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.69**	0.24	5.0	mg/L	1	A503908	04/08/15	04/09/15	J

Certificate of Analysis

Sample ID: A5D0192-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/01/15 - 12:12
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A503908	04/08/15	04/09/15	

Certificate of Analysis

Sample ID: A5D0192-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/01/15 - 12:27
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A503908	04/08/15	04/09/15	

Certificate of Analysis

Sample ID: A5D0927-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/08/15 - 12:25
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A504426	04/21/15	04/22/15	

Certificate of Analysis

Sample ID: A5D0927-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/08/15 - 12:34
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.79**	0.24	5.0	mg/L	1	A504426	04/21/15	04/22/15	J

Certificate of Analysis

Sample ID: A5D0927-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/08/15 - 12:46
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.59**	0.24	5.0	mg/L	1	A504426	04/21/15	04/22/15	J

Certificate of Analysis

Sample ID: A5D1257-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/13/15 - 09:45
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A504503	04/22/15	04/23/15	

Certificate of Analysis

Sample ID: A5D1257-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/13/15 - 10:00
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A504503	04/22/15	04/23/15	

Certificate of Analysis

Sample ID: A5D1257-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/13/15 - 10:12
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.40**	0.24	5.0	mg/L	1	A504503	04/22/15	04/23/15	J

Certificate of Analysis

Sample ID: A5D2221-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/22/15 - 13:40
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**1.4**	0.24	5.0	mg/L	1	A504910	05/04/15	05/05/15	J

Certificate of Analysis

Sample ID: A5D2221-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/22/15 - 13:49
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**1.9**	0.24	5.0	mg/L	1	A504910	05/04/15	05/05/15	J

Certificate of Analysis

Sample ID: A5D2221-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 04/22/15 - 14:13
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**1.1**	0.24	5.0	mg/L	1	A504910	05/04/15	05/05/15	J

Certificate of Analysis

Sample ID: A5D2626-01
Sampled By: Client
Sample Description: Decant Arm -3

Sample Date - Time: 04/29/15 - 10:42
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.29**	0.24	5.0	mg/L	1	A505087	05/07/15	05/09/15	J

Certificate of Analysis

Sample ID: A5D2626-02
Sampled By: Client
Sample Description: Decant Arm -4

Sample Date - Time: 04/29/15 - 11:00
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.59**	0.24	5.0	mg/L	1	A505087	05/07/15	05/09/15	J

Certificate of Analysis

Sample ID: A5D2626-03
Sampled By: Client
Sample Description: Decant Arm -5

Sample Date - Time: 04/29/15 - 11:21
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.49**	0.24	5.0	mg/L	1	A505087	05/07/15	05/09/15	J

Certificate of Analysis

Sample ID: A5E0541-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/06/15 - 12:10
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**1.5**	0.24	5.0	mg/L	1	A505367	05/14/15	05/17/15	J

Certificate of Analysis

Sample ID: A5E0541-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/06/15 - 12:21
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**3.5**	0.24	5.0	mg/L	1	A505367	05/14/15	05/17/15	J

Certificate of Analysis

Sample ID: A5E0541-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/06/15 - 12:36
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**1.9**	0.24	5.0	mg/L	1	A505367	05/14/15	05/17/15	J

Certificate of Analysis

Sample ID: A5E1347-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/12/15 - 08:42
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.78**	0.24	5.0	mg/L	1	A505742	05/26/15	05/27/15	J

Certificate of Analysis

Sample ID: A5E1347-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/12/15 - 08:56
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.70**	0.24	5.0	mg/L	1	A505742	05/26/15	05/27/15	J

Certificate of Analysis

Sample ID: A5E1347-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/12/15 - 09:10
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**1.3**	0.24	5.0	mg/L	1	A505742	05/26/15	05/27/15	J

Certificate of Analysis

Sample ID: A5E1886-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/20/15 - 12:45
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.80**	0.24	5.0	mg/L	1	A505975	05/30/15	06/01/15	J

Certificate of Analysis

Sample ID: A5E1886-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/20/15 - 13:00
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A505975	05/30/15	06/01/15	

Certificate of Analysis

Sample ID: A5E1886-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/20/15 - 13:15
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.59**	0.24	5.0	mg/L	1	A505975	05/30/15	06/01/15	J

Certificate of Analysis

Sample ID: A5E2173-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/26/15 - 08:58
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.59**	0.24	5.0	mg/L	1	A505972	05/29/15	05/31/15	J

Certificate of Analysis

Sample ID: A5E2173-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/26/15 - 09:10
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.50**	0.24	5.0	mg/L	1	A505972	05/29/15	05/31/15	J

Certificate of Analysis

Sample ID: A5E2173-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 05/26/15 - 09:22
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A505972	05/29/15	05/31/15	

Certificate of Analysis

Sample ID: A5F0282-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/02/15 - 10:32
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A506574	06/12/15	06/16/15	

Certificate of Analysis

Sample ID: A5F0282-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/02/15 - 10:44
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A506574	06/12/15	06/16/15	

Certificate of Analysis

Sample ID: A5F0282-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/02/15 - 10:59
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A506574	06/12/15	06/16/15	

Certificate of Analysis

Sample ID: A5F1130-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/10/15 - 08:26
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.58**	0.24	5.0	mg/L	1	A506712	06/16/15	06/18/15	J

Certificate of Analysis

Sample ID: A5F1130-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/10/15 - 08:40
Matrix: Water
Sample Type:

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.70**	0.24	5.0	mg/L	1	A506712	06/16/15	06/18/15	J

Certificate of Analysis

Sample ID: A5F1130-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/10/15 - 08:51
Matrix: Water
Sample Type:

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.59**	0.24	5.0	mg/L	1	A506712	06/16/15	06/18/15	J

Certificate of Analysis

Sample ID: A5F1572-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/16/15 - 12:30
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A507163	06/26/15	06/28/15	

Certificate of Analysis

Sample ID: A5F1572-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/16/15 - 12:42
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	ND	0.24	5.0	mg/L	1	A507163	06/26/15	06/28/15	

Certificate of Analysis

Sample ID: A5F1572-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/16/15 - 12:54
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.39**	0.24	5.0	mg/L	1	A507163	06/26/15	06/28/15	J

Certificate of Analysis

Sample ID: A5F1992-01
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/22/15 - 09:09
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.30**	0.24	5.0	mg/L	1	A507339	07/01/15	07/02/15	J

Certificate of Analysis

Sample ID: A5F1992-02
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/22/15 - 09:21
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.69**	0.24	5.0	mg/L	1	A507339	07/01/15	07/02/15	J

Certificate of Analysis

Sample ID: A5F1992-03
Sampled By: Client
Sample Description: Decant Arm

Sample Date - Time: 06/22/15 - 09:33
Matrix: Water
Sample Type: Grab

BSK Associates Fresno

Organics

Analyte	Method	Result	MDL	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Oil and Grease (1664)										
Total Oil & Grease	EPA 1664A	**0.30**	0.24	5.0	mg/L	1	A507339	07/01/15	07/02/15	J

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

Order #: 15-1853
Date/Time Rec'd: 4/1/15 1353

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**	**4/1/15 1157**	Suspended Solids	SM 2540 D.	**11.**	2.57	3.	1	mg/L	**04/04/15**
-2	**Decant Arm**	**4/1/15 0800**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**04/01/15**

SUB Oil & Grease

Report Completion date: **4/6/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-1869-4	**4/4/2015**	Suspended Solids	SM 2540D	3160.	mg/L		
Duplicate	**15-1869-4**	**4/4/2015**	Suspended Solids Dup.	SM 2540D	3060.	mg/L		**< 5% of Average**
					97% Rec			
Blank	ASTM II water	**4/4/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-2037
Date/Time Rec'd: 4/8/15 1422

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

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

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**4/8/15 1225**	Suspended Solids	SM 2540 D.	**18.**	2.57	3.	1	mg/L	**04/11/15**
-2	**Decant Arm**	**4/8/15 0835**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**04/08/15**

SUB Oil & Grease

Report Completion date: **4/13/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

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mg/L = milligrams per liter (ppm)

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NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-2019-1	**4/11/2015**	Suspended Solids	SM 2540D	138.	mg/L		
Duplicate	**15-2019-1**	**4/11/2015**	Suspended Solids Dup.	SM 2540D	150.	mg/L		**< 5% of Average**
					108% Rec			
Blank	ASTM II water	**4/11/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-2124
Date/Time Rec'd: 4/13/15 1405

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**	**4/13/15 0945**	Suspended Solids	SM 2540 D.	**6.**	2.57	3.	1	mg/L	**04/14/15**
-2	**Decant Arm**	**4/13/15 1000**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**04/13/15**

SUB Oil & Grease

Report Completion date: **4/16/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

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MDL = Method Detection Limit

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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
	15-2105-3	**4/14/2015**	Suspended Solids	SM 2540D	103.	mg/L		
Duplicate	**15-2105-3**	**4/14/2015**	Suspended Solids Dup.	SM 2540D	103.	mg/L		**< 5% of Average**
					Rec 100%			
Blank	ASTM II water	**4/14/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-2347
Date/Time Rec'd: 4/22/15 1619

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

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

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**4/22/15 1340**	Suspended Solids	SM 2540 D.	**31.**	2.57	3.	1	mg/L	**04/23/15**
-2	**Decant Arm**	**4/22/15 1346**	Settleable Solids	SM 2540 F.	**0.5**		0.1	1	mL/L	**04/22/15**

SUB Oil & Grease

Report Completion date: **4/24/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

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MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	2347-1	**4/23/2015**	Suspended Solids	SM 2540D	31.	mg/L		
Duplicate	**2347-1**	**4/23/2015**	Suspended Solids Dup.	SM 2540D	29.	mg/L		**< 5% of Average**
					Rec 91%			
Blank	ASTM II water	**4/23/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-2459
Date/Time Rec'd: 4/29/15 1430

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**	**4/29/15 1042**	Suspended Solids	SM 2540 D.	**6.**	2.57	3.	1	mg/L	**04/30/15**
-2	**Decant Arm**	**4/29/15 1100**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**04/29/15**

SUB Oil & Grease

Report Completion date: **4/30/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

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RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-2449-3	**4/30/2015**	Suspended Solids	SM 2540D	123.	mg/L		
Duplicate	**15-2449-3**	**4/30/2015**	Suspended Solids Dup.	SM 2540D	120.	mg/L		**< 5% of Average**
					97% Rec			
Blank	ASTM II water	**4/30/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-2605
Date/Time Rec'd: 5/6/15 1341

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**	**5/6/15 1210**	Suspended Solids	SM 2540 D.	**4.**	2.57	3.	1	mg/L	**05/07/15**
-2	**Decant Arm**	**5/6/15 0816**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**05/06/15**

SUB Oil & Grease

Report Completion date: **5/7/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

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RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-2590-1	**5/7/2015**	Suspended Solids	SM 2540D	11.	mg/L		
Duplicate	**15-2590-1**	**5/7/2015**	Suspended Solids Dup.	SM 2540D	11.	mg/L		**< 5% of Average**
					100% Rec			
Blank	ASTM II water	**5/7/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-2732
Date/Time Rec'd: 5/12/15 1403

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**	**5/12/15 0842**	Suspended Solids	SM 2540 D.	**9.**	2.57	3.	1	mg/L	**05/13/15**
-2	**Decant Arm**	**5/12/15 0900**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**05/12/15**

SUB Oil & Grease

Report Completion date: **5/13/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-2682-2	**5/13/2015**	Suspended Solids	SM 2540D	21.	mg/L		
Duplicate	**15-2682-2**	**5/13/2015**	Suspended Solids Dup.	SM 2540D	22.	mg/L		**< 5% of Average**
					104% Rec			
Blank	ASTM II water	**5/13/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-2895
Date/Time Rec'd: 5/20/15 1410

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**	**5/20/15 1245**	Suspended Solids	SM 2540 D.	**10.**	2.57	3.	1	mg/L	**05/21/15**
-2	**Decant Arm**	**5/20/15 0911**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**05/20/15**

SUB Oil & Grease

Report Completion date: **5/22/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	2874-1	**5/21/2015**	Suspended Solids	SM 2540D	29.	mg/L		
Duplicate	**2874-1**	**5/21/2015**	Suspended Solids Dup.	SM 2540D	30.	mg/L		**< 5% of Average**
					Rec 102%			
Blank	ASTM II water	**5/21/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-2990
Date/Time Rec'd: 5/26/15 1449

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**	**5/26/15 0858**	Suspended Solids	SM 2540 D.	**5.**	2.57	3.	1	mg/L	**05/27/15**
-2	**Decant Arm**	**5/26/15 0915**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**05/26/15**

SUB Oil & Grease

Report Completion date: **5/28/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

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

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-3005-2	**5/27/2015**	Suspended Solids	SM 2540D	23.	mg/L		
Duplicate	**15-3005-2**	**5/27/2015**	Suspended Solids Dup.	SM 2540D	26.	mg/L		**< 5% of Average**
					110% Rec			
Blank	ASTM II water	**5/27/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-3129
Date/Time Rec'd: 6/2/15 1422

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

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

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**6/2/15 1032**	Suspended Solids	SM 2540 D.	**9.**	2.57	3.	1	mg/L	**06/03/15**
-2	**Decant Arm**	**6/2/15 1045**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**06/02/15**

SUB Oil & Grease

Report Completion date: **6/4/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-3123-2	**6/3/2015**	Suspended Solids	SM 2540D	22.	mg/L		
Duplicate	**15-3123-2**	**6/3/2015**	Suspended Solids Dup.	SM 2540D	21.	mg/L		**< 5% of Average**
					105% Rec			
Blank	ASTM II water	**6/3/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-3317
Date/Time Rec'd: 6/10/15 1342

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**	**6/10/15 0826**	Suspended Solids	SM 2540 D.	**16.**	2.57	3.	1	mg/L	**06/15/15**
-2	**Decant Arm**	**6/10/15 0845**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**06/10/15**

SUB Oil & Grease

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

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	15-3305-2	**6/15/2015**	Suspended Solids	SM 2540D	96.	mg/L		
Duplicate	**15-3305-2**	**6/15/2015**	Suspended Solids Dup.	SM 2540D	92.	mg/L		**< 5% of Average**
					96% Rec			
Blank	ASTM II water	**6/15/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-3429
Date/Time Rec'd: 6/16/15 1422

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

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

Sample #	Sample Description	Date / Time	Analysis	Method	Result	MDL	RL	Dil Factor	Units	Completed
-1	**Decant Arm**	**6/16/15 1230**	Suspended Solids	SM 2540 D.	**8.**	2.57	3.	1	mg/L	**06/16/15**
-2	**Decant Arm**	**6/16/15 1245**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**06/16/15**

SUB Oil & Grease

Report Completion date: **6/17/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	3390-1	**6/16/2015**	Suspended Solids	SM 2540D	28.	mg/L		
Duplicate	**3390-1**	**6/16/2015**	Suspended Solids Dup.	SM 2540D	29.	mg/L		**< 5% of Average**
					Rec 103%			
Blank	ASTM II water	**6/16/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

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

Order #: 15-3536
Date/Time Rec'd: 6/22/15 1448

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**	**6/22/15 0909**	Suspended Solids	SM 2540 D.	**9.**	2.57	3.	1	mg/L	**06/23/15**
-2	**Decant Arm**	**6/22/15 0930**	Settleable Solids	SM 2540 F.	**<0.1**		0.1	1	mL/L	**06/22/15**

SUB Oil & Grease

Report Completion date: **6/23/15**

Reviewed: Amanda Smith

Amanda Smith, Lab Director

ND = Analyte NOT DETECTED at MDL

* Result detected below the RL are estimated concentration

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

RL = Reporting Limit

MDL = Method Detection Limit

ppm = parts per million

mg/L = milligrams per liter (ppm)

MPN = Most Probable Number

NTU = Turbidity Units

mL/L = millilieters per liter (ppm)

State of California CDPH ELAP 2661

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

QA/QC Results

	Description	Run Date	Test	Method	Result	Units	Difference %	Acceptable
	3526-1	**6/23/2015**	Suspended Solids	SM 2540D	18.	mg/L		
Duplicate	**3526-1**	**6/23/2015**	Suspended Solids Dup.	SM 2540D	17.	mg/L		**< 5% of Average**
					Rec 94%			
Blank	ASTM II water	**6/23/2015**	Suspended Solids	SM 2540D	<3.	mg/L		**<3.**

Client Sample Results

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

TestAmerica Job ID: 160-12487-2

Client Sample ID: 001H U-2 CDRS 2nd Qtr 2015 Composite — **Lab Sample ID: 160-12487-4**
Date Collected: 06/17/15 10:00 — Matrix: Water
Date Received: 06/25/15 08:30

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.080	ug/L		07/15/15 13:01	07/15/15 17:16	1

Client Sample ID: 001L U-1 SGBD 2nd Qtr 2015 Composite — **Lab Sample ID: 160-12487-5**
Date Collected: 06/17/15 10:00 — Matrix: Water
Date Received: 06/25/15 08:30

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.080	ug/L		07/15/15 13:01	07/15/15 17:25	1

Client Sample ID: 001L U-2 SGBD 2nd Qtr 2015 Composite — **Lab Sample ID: 160-12487-6**
Date Collected: 06/17/15 10:00 — Matrix: Water
Date Received: 06/25/15 08:30

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.080	ug/L		07/15/15 13:01	07/15/15 17:28	1

Client Sample Results

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

TestAmerica Job ID: 160-12487-1

Client Sample ID: 001H U-1 CDRS 2nd Qtr 2015 Composite

Lab Sample ID: 160-12487-1
Matrix: Water
Date Collected: 06/17/15 10:00
Date Received: 06/25/15 08:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	F1	50	5.0	ug/L		06/30/15 08:29	07/03/15 19:25	50
Cadmium	3.3	J F1	5.0	2.2	ug/L		06/30/15 08:29	07/03/15 19:25	50
Chromium	130	F1	100	50	ug/L		06/30/15 08:29	07/03/15 19:25	50
Copper	760		50	25	ug/L		06/30/15 08:29	07/03/15 19:25	50
Nickel	56	F1	50	20	ug/L		06/30/15 08:29	07/03/15 19:25	50
Lead	4.2	J F1	15	3.0	ug/L		06/30/15 08:29	07/03/15 19:25	50
Zinc	ND		1000	140	ug/L		06/30/15 08:29	07/03/15 19:25	50

Client Sample ID: 001D LRW 2ND QTR 2015 COMPOSITE

Lab Sample ID: 160-12487-2
Matrix: Water
Date Collected: 06/17/15 10:00
Date Received: 06/25/15 08:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.0	0.10	ug/L		06/30/15 08:29	07/04/15 10:52	1
Cadmium	0.52		0.10	0.043	ug/L		06/30/15 08:29	07/04/15 10:52	1
Chromium	1.8	J	2.0	1.0	ug/L		06/30/15 08:29	07/04/15 10:52	1
Copper	8.5		1.0	0.50	ug/L		06/30/15 08:29	07/04/15 10:52	1
Nickel	2.7		1.0	0.40	ug/L		06/30/15 08:29	07/04/15 10:52	1
Lead	1.3		0.30	0.060	ug/L		06/30/15 08:29	07/04/15 10:52	1
Zinc	310		20	2.8	ug/L		06/30/15 08:29	07/04/15 10:52	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.080	ug/L		06/29/15 13:18	06/29/15 18:32	1

Client Sample ID: 001F OWS 2nd Qtr 2015 Composite

Lab Sample ID: 160-12487-3
Matrix: Water
Date Collected: 06/17/15 10:00
Date Received: 06/25/15 08:30

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.080	ug/L		07/15/15 13:01	07/15/15 17:13	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: 12-May-2015

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

Work Order Number: B5D3043

Received on Ice (Y/N): Yes Temp: 1 °C

Laboratory Reference Number
B5D3043-01

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
Intake	Liquid	04/29/15 07:30	04/30/15 10:15

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients								
Ammonia-Nitrogen	0.92	0.10	0.059	mg/L	SM4500NH3H	05/09/15 01:38	JMA	

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

location
6100 Quail Valley Court
Riverside, CA 92507-0704

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

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

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

Report Date: 12-May-2015

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

Work Order Number: B5D3043

Received on Ice (Y/N): Yes Temp: 1 °C

Laboratory Reference Number
B5D3043-02

Sample Description	Matrix	Sampled Date/Time	Received Date/Time
Discharge	Liquid	04/29/15 07:41	04/30/15 10:15

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Nutrients								
Ammonia-Nitrogen	0.56	0.10	0.059	mg/L	SM4500NH3H	05/09/15 01:39	JMA	

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

location
6100 Quail Valley Court
Riverside, CA 92507-0704

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

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

aquatic bioassay & consulting laboratories, inc

June 5, 2015

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

Dear Mr. Kelly:

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

CLIENT:	PG&E- Diablo Canyon Power Plant
SAMPLE I.D.:	Discharge 001- Acute
DATE RECEIVED:	12 May - 2015
ABC LAB. NO.:	PGE0515.142

ACUTE ABALONE SURVIVAL BIOASSAY

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

Yours very truly,

Scott Johnson
Laboratory Director

CETIS Summary Report

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

Batch ID:	09-4151-7635	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	12 May-15 15:34	**Protocol:**	Kopperdahl (1976)	**Diluent:**	Laboratory Seawater
Ending Date:	16 May-15 14:40	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	95h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	11-0966-5383	**Code:**	PGE0515.142	**Client:**	Pacific Gas & Electric Co.
Sample Date:	11 May-15 07:30	**Material:**	Sample Water	**Project:**	
Receive Date:	12 May-15 10:15	**Source:**	Bioassay Report		
Sample Age:	32h (5.2 °C)	**Station:**	Discharge 001- Acute		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
19-3122-2398	96h Survival Rate	100	>100	NA	NA	1	Equal Variance t Two-Sample Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
06-0437-8723	96h Survival Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

96h Survival Rate Summary

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

96h Survival Rate Detail

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

96h Survival Rate Binomials

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	10/10	10/10
100		10/10	10/10

CETIS Analytical Report

Test Code: PGE0515.142 | 04-6338-1822

96 Hour Red Abalone Survival				Aquatic Bioassay & Consulting Labs, Inc.
Analysis ID:	19-3122-2398	Endpoint:	96h Survival Rate	CETIS Version: CETISv1.8.7
Analyzed:	04 Jun-15 10:03	Analysis:	Parametric-Two Sample	Official Results: Yes

Data Transform	Zeta	Alt Hyp	Trials	Seed	Test Result
Angular (Corrected)	NA	C > T	NA	NA	Passes 96h survival rate

Equal Variance t Two-Sample Test

Control	vs	C-%	Test Stat	Critical	MSD	DF	P-Value	P-Type	Decision(α:5%)
Negative Control		100	0	2.92		2	1.0000	CDF	Non-Significant Effect

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0	0	1	65540	<0.0001	Significant Effect
Error	0	0	2			
Total	0		3			

96h Survival Rate Summary

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

Angular (Corrected) Transformed Summary

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Median	Min	Max	Std Err	CV%	%Effect
0	Negative Contr	2	1.412	1.409	1.415	1.412	1.412	1.412	0	0.0%	0.0%
100		2	1.412	1.409	1.415	1.412	1.412	1.412	0	0.0%	0.0%

96h Survival Rate Detail

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

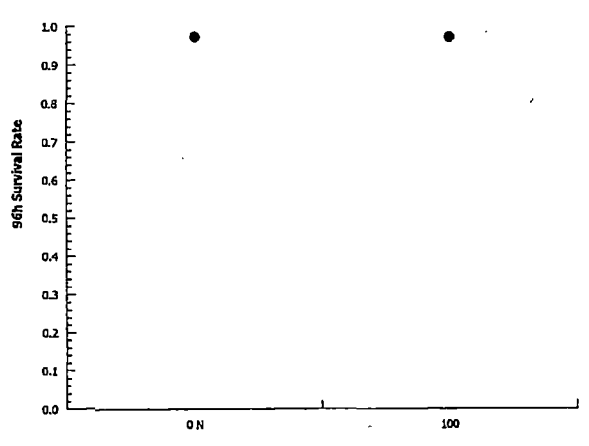
Angular (Corrected) Transformed Detail

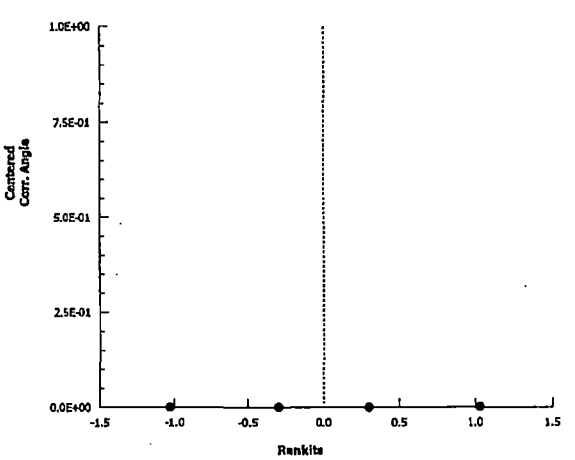
C-%	Control Type	Rep 1	Rep 2
0	Negative Control	1.412	1.412
100		1.412	1.412

96h Survival Rate Binomials

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	10/10	10/10
100		10/10	10/10

Graphics





Analyst: QA:

CETIS Analytical Report

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

Analysis ID:	06-0437-8723	**Endpoint:**	96h Survival Rate	**CETIS Version:**	CETISv1.8.7
Analyzed:	04 Jun-15 10:03	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Linear Interpolation Options

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

Point Estimates

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

96h Survival Rate Summary

			Calculated Variate(A/B)								
C-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	%Effect	A	B
0	Negative Control	2	1	1	1	0	0	0.0%	0.0%	20	20
100		2	1	1	1	0	0	0.0%	0.0%	20	20

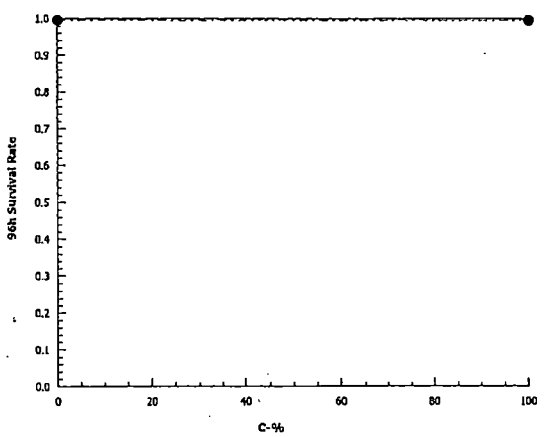
96h Survival Rate Detail

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

96h Survival Rate Binomials

C-%	Control Type	Rep 1	Rep 2
0	Negative Control	10/10	10/10
100		10/10	10/10

Graphics



CETIS Measurement Report

Test Code: PGE0515.142 | 04-6338-1822

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

Batch ID:	09-4151-7635	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	12 May-15 15:34	**Protocol:**	Kopperdahl (1976)	**Diluent:**	Laboratory Seawater
Ending Date:	16 May-15 14:40	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	95h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	11-0966-5383	**Code:**	PGE0515.142	**Client:**	Pacific Gas & Electric Co.
Sample Date:	11 May-15 07:30	**Material:**	Sample Water	**Project:**	
Receive Date:	12 May-15 10:15	**Source:**	Bioassay Report		
Sample Age:	32h (5.2 °C)	**Station:**	Discharge 001- Acute		

Dissolved Oxygen-mg/L

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	10	6.96	6.677	7.243	6.4	7.6	0.1249	0.395	5.68%	0
100		10	7.52	7.409	7.631	7.3	7.8	0.04899	0.1549	2.06%	0
Overall		20	7.24			6.4	7.8				0 (0%)

pH-Units

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	10	7.37	7.294	7.446	7.3	7.6	0.0335	0.1059	1.44%	0
100		10	7.42	7.375	7.465	7.3	7.5	0.02	0.06325	0.85%	0
Overall		20	7.395			7.3	7.6				0 (0%)

Salinity-ppt

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

Temperature-°C

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	10	14.59	14.24	14.94	14.2	15.6	0.1545	0.4886	3.35%	0
100		10	14.48	14.36	14.6	14.1	14.7	0.05121	0.1619	1.12%	0
Overall		20	14.54			14.1	15.6				0 (0%)

Dissolved Oxygen-mg/L

C-%	Control Type	1	2	3	4	5	6	7	8	9	10
0	Negative Contr	6.4	6.6	7	6.8	7	6.5	7.6	7.4	7	7.3
100		7.3	7.4	7.5	7.4	7.5	7.4	7.8	7.6	7.6	7.7

pH-Units

C-%	Control Type	1	2	3	4	5	6	7	8	9	10
0	Negative Contr	7.5	7.6	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.4
100		7.5	7.5	7.4	7.4	7.3	7.4	7.4	7.4	7.4	7.5

Salinity-ppt

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

Temperature-°C

C-%	Control Type	1	2	3	4	5	6	7	8	9	10
0	Negative Contr	15.4	15.6	14.4	14.5	14.3	14.2	14.3	14.4	14.4	14.4
100		14.4	14.1	14.5	14.5	14.4	14.6	14.7	14.6	14.5	14.5

aquatic bioassay & consulting laboratories, inc

June 5, 2015

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

Dear Mr. Kelly:

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

CLIENT:	PG&E- Diablo Canyon Power Plant
SAMPLE I.D.:	Discharge 001
DATE RECEIVED:	12 May - 2015
ABC LAB. NO.:	PGE0515.143

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:	19-1085-7053	**Test Type:**	Development	**Analyst:**	
Start Date:	12 May-15 13:34	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	14 May-15 14:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	15-3255-6323	**Code:**	PGE0515.143a	**Client:**	Pacific Gas & Electric Co.
Sample Date:	11 May-15 07:30	**Material:**	Sample Water	**Project:**	Toxicity Testing
Receive Date:	12 May-15 10:15	**Source:**	Bioassay Report		
Sample Age:	30h (5.2 °C)	**Station:**	Discharge 001		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
10-0345-4308	Proportion Normal	100	>100	NA	NA	1	Fisher Exact Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
17-6414-3938	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
10-0345-4308	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
17-6414-3938	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:	17-6414-3938	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	04 Jun-15 9:48	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Linear Interpolation Options

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

Point Estimates

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

Proportion Normal Summary

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

Proportion Normal Detail

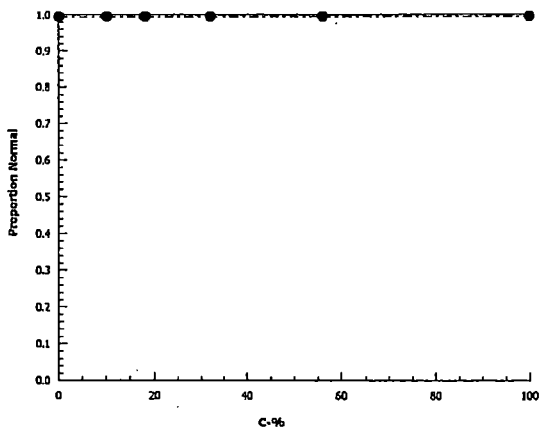
C-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
10		1	1	1	1	1
18		1	1	1	1	1
32		1	1	1	1	1
56		1	1	1	1	1
100		1	1	1	1	1

Proportion Normal Binomials

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

Red Abalone Larval Development Test				Aquatic Bioassay & Consulting Labs, Inc.	
Analysis ID:	17-6414-3938	Endpoint:	Proportion Normal	CETIS Version:	CETISv1.8.7
Analyzed:	04 Jun-15 9:48	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes

Graphics



CETIS Analytical Report

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

Analysis ID:	10-0345-4308	**Endpoint:** Proportion Normal	**CETIS Version:** CETISv1.8.7
Analyzed:	04 Jun-15 9:48	**Analysis:** Single 2x2 Contingency Table	**Official Results:** Yes

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

Fisher Exact Test

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

Data Summary

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

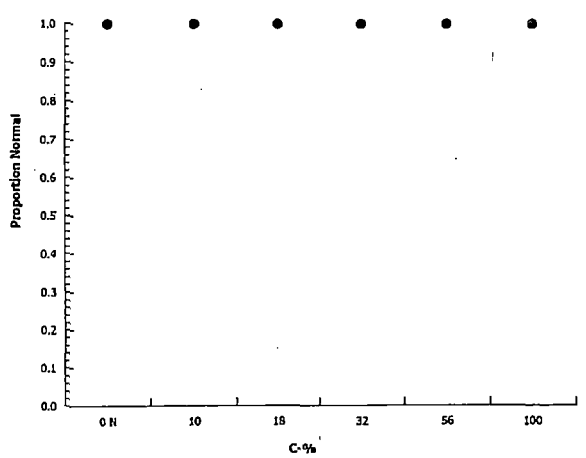
Proportion Normal Detail

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

Proportion Normal Binomials

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

Graphics



CETIS Measurement Report

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

Batch ID:	19-1085-7053	**Test Type:**	Development	**Analyst:**	
Start Date:	12 May-15 13:34	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	14 May-15 14:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	48h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	15-3255-6323	**Code:**	PGE0515.143a	**Client:**	Pacific Gas & Electric Co.
Sample Date:	11 May-15 07:30	**Material:**	Sample Water	**Project:**	Toxicity Testing
Receive Date:	12 May-15 10:15	**Source:**	Bioassay Report		
Sample Age:	30h (5.2 °C)	**Station:**	Discharge 001		

Parameter Acceptability Criteria

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.1	14.3	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	6.75	-2.78	16.28	6	7.5	0.75	1.061	15.71%	0
10		2	6.5	-4.936	17.94	5.6	7.4	0.9	1.273	19.58%	0
18		2	6.3	-8.947	21.55	5.1	7.5	1.2	1.697	26.94%	0
32		2	6.35	-8.262	20.96	5.2	7.5	1.15	1.626	25.61%	0
56		2	6.1	-11.69	23.89	4.7	7.5	1.4	1.98	32.46%	0
100		2	6.7	-3.465	16.86	5.9	7.5	0.8	1.131	16.89%	0
Overall		12	6.45			4.7	7.5				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	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
10		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
18		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
32		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
56		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
100		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
Overall		12	7.85			7.8	7.9				0 (0%)

Salinity-ppt

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

Temperature-°C

C-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
10		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
18		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
32		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
56		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
100		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
Overall		12	14.2			14.1	14.3				0 (0%)

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

Dissolved Oxygen-mg/L

C-%	Control Type	1	2
0	Negative Contr	7.5	6
10		7.4	5.6
18		7.5	5.1
32		7.5	5.2
56		7.5	4.7
100		7.5	5.9

pH-Units

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

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	14.1	14.3
10		14.1	14.3
18		14.1	14.3
32		14.1	14.3
56		14.1	14.3
100		14.1	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)* DAVID MERRICK

Date	Time	Comp	Grab	Matrix	Sample ID	Volume / Number	Analysis: Acute Toxicity	Analysis: Chronic Toxicity	Comments
5/11/2015	0730		X	Seawater	Discharge 001	426/ 5 gal	X		
5/11/2015	0735	X		Seawater	Discharge 001	427/ 1 gal		X	

Temp. deg. C = 5.2 C

Chlorine (mg/L) = 0.1

NH3 (mg/L) = 0.7

Relinquished By:*(signature)*	Date / Time	Relinquished By:*(signature)*	Date / Time
DAVID MERRICK	5-11-15 / 0830		
Received By:*(signature)*	**Date / Time**	**Received By:***(signature)*	**Date / Time**
	5-12-15 / 1015	Temperature upon sample receipt: _____ degrees C	

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

aquatic bioassay & consulting laboratories, inc

CHRONIC ABALONE DEVELOPMENT BIOASSAY

DATE: 12 May 2015

STANDARD TOXICANT: Zinc

NOEC = 56.00 ug/l

EC25 = 66.19 ug/l
EC50 = 77.46 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:	12-4467-1331	**Test Type:**	Development	**Analyst:**	
Start Date:	12 May-15 13:30	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	14 May-15 14:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	49h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	17-7724-2730	**Code:**	ABS051215a	**Client:**	Internal Lab
Sample Date:	12 May-15 13:30	**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
17-1674-8585	Proportion Normal	56	100	74.83	2.11%		Steel Many-One Rank Sum Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
14-3861-1439	Proportion Normal	EC5	57.17	44.41	58.71		Linear Interpolation (ICPIN)
		EC10	59.43	56.28	60.89		
		EC15	61.68	58.71	63.06		
		EC20	63.93	61.14	65.23		
		EC25	66.19	63.57	67.41		
		EC40	72.95	70.85	73.92		
		EC50	77.46	75.71	78.27		

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
14-3861-1439	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
17-1674-8585	Proportion Normal	Control Resp	1	0.8 - NL	Yes	Passes Acceptability Criteria
17-1674-8585	Proportion Normal	NOEL	56	NL - 56	No	Above Acceptability Criteria
17-1674-8585	Proportion Normal	PMSD	0.02107	NL - 0.2	No	Passes 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	0.976	0.9094	1	0.88	1	0.024	0.05367	5.5%	2.4%
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	0.88	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	88/100	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

Red Abalone Larval Development Test				Aquatic Bioassay & Consulting Labs, Inc.
Analysis ID:	17-1674-8585	Endpoint: Proportion Normal	CETIS Version:	CETISv1.8.7
Analyzed:	04 Jun-15 9:33	Analysis: Nonparametric-Control vs Treatments	Official Results:	Yes

Data Transform	Zeta	Alt Hyp	Trials	Seed	PMSD	NOEL	LOEL	TOEL	TU
Angular (Corrected)	NA	C > T	NA	NA	2.11%	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	25	17	1	8	0.5314	Asymp	Non-Significant Effect

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(α:5%)
Between	0.01383694	0.004612315	3	1	0.4182	Non-Significant Effect
Error	0.07379703	0.004612315	16			
Total	0.08763397		19			

Distributional Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision(α:1%)
Variances	Mod Levene Equality of Variance	1	5.953	0.4262	Equal Variances
Variances	Levene Equality of Variance	7.111	5.292	0.0030	Unequal Variances
Distribution	Shapiro-Wilk W Normality	0.4969	0.866	<0.0001	Non-normal Distribution
Distribution	Kolmogorov-Smirnov D	0.45	0.2235	<0.0001	Non-normal Distribution
Distribution	D'Agostino Skewness	4.576	2.576	<0.0001	Non-normal Distribution
Distribution	D'Agostino Kurtosis	4.175	2.576	<0.0001	Non-normal Distribution
Distribution	D'Agostino-Pearson K2 Omnibus	38.38	9.21	<0.0001	Non-normal Distribution
Distribution	Anderson-Darling A2 Normality	4.585	3.878	<0.0001	Non-normal Distribution

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	0.976	0.9094	1	1	0.88	1	0.024	5.5%	2.4%
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	1.46	1.291	1.629	1.521	1.217	1.521	0.06074	9.3%	3.99%
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	0.88	1
100		0	0	0	0	0
180		0	0	0	0	0

Red Abalone Larval Development Test				Aquatic Bioassay & Consulting Labs, Inc.
Analysis ID:	17-1674-8585	Endpoint:	Proportion Normal	CETIS Version: CETISv1.8.7
Analyzed:	04 Jun-15 9:33	Analysis:	Nonparametric-Control vs Treatments	Official Results: Yes

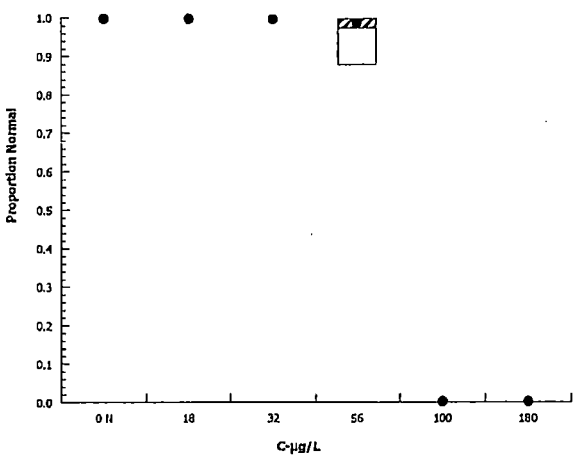
Angular (Corrected) Transformed Detail

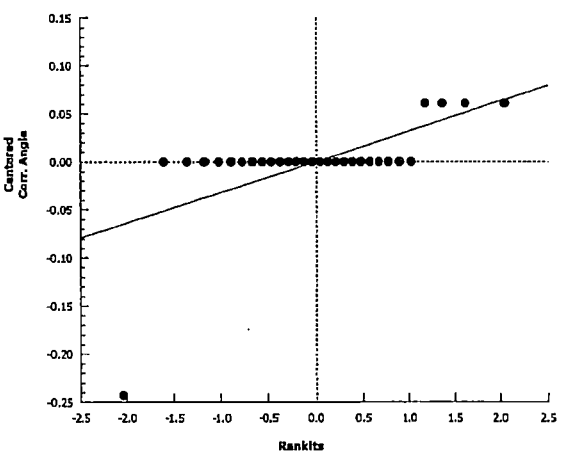
C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.521	1.521	1.521	1.521	1.521
18		1.521	1.521	1.521	1.521	1.521
32		1.521	1.521	1.521	1.521	1.521
56		1.521	1.521	1.521	1.217	1.521
100		0.05002	0.05002	0.05002	0.05002	0.05002
180		0.05002	0.05002	0.05002	0.05002	0.05002

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	88/100	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





CETIS Analytical Report

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

Analysis ID:	14-3861-1439	**Endpoint:**	Proportion Normal	**CETIS Version:**	CETISv1.8.7
Analyzed:	04 Jun-15 9:33	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Linear Interpolation Options

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

Point Estimates

Level	µg/L	95% LCL	95% UCL
EC5	57.17	44.41	58.71
EC10	59.43	56.28	60.89
EC15	61.68	58.71	63.06
EC20	63.93	61.14	65.23
EC25	66.19	63.57	67.41
EC40	72.95	70.85	73.92
EC50	77.46	75.71	78.27

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	0.976	0.88	1	0.024	0.05367	5.5%	2.4%	488	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

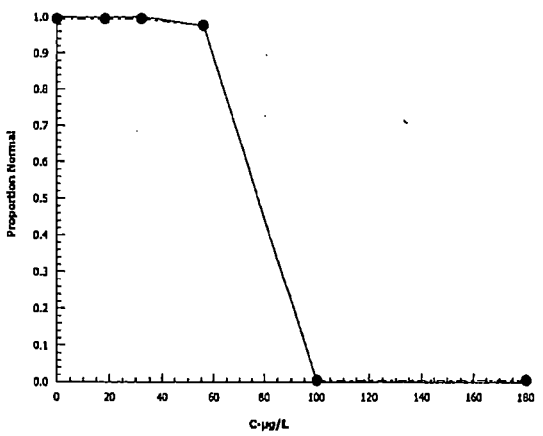
C-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
18		1	1	1	1	1
32		1	1	1	1	1
56		1	1	1	0.88	1
100		0	0	0	0	0
180		0	0	0	0	0

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	88/100	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:	14-3861-1439	Endpoint:	Proportion Normal	CETIS Version:	CETISv1.8.7
Analyzed:	04 Jun-15 9:33	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes

Graphics



CETIS Measurement Report

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

Batch ID:	12-4467-1331	**Test Type:**	Development	**Analyst:**	
Start Date:	12 May-15 13:30	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	14 May-15 14:00	**Species:**	Haliotis rufescens	**Brine:**	Not Applicable
Duration:	49h	**Source:**	Cultured Abalone	**Age:**	
Sample ID:	17-7724-2730	**Code:**	ABS051215a	**Client:**	Internal Lab
Sample Date:	12 May-15 13:30	**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	14.1	14.3	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	6.75	-2.78	16.28	6	7.5	0.75	1.061	15.71%	0
18		2	6.65	-2.88	16.18	5.9	7.4	0.75	1.061	15.95%	0
32		2	6.65	-2.88	16.18	5.9	7.4	0.75	1.061	15.95%	0
56		2	6.65	-2.88	16.18	5.9	7.4	0.75	1.061	15.95%	0
100		2	6.65	-2.88	16.18	5.9	7.4	0.75	1.061	15.95%	0
180		2	6.65	-2.88	16.18	5.9	7.4	0.75	1.061	15.95%	0
Overall		12	6.667			5.9	7.5				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	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
18		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
32		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
56		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
100		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
180		2	7.85	7.215	8.485	7.8	7.9	0.05	0.07071	0.9%	0
Overall		12	7.85			7.8	7.9				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	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
18		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
32		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
56		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
100		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
180		2	14.2	12.93	15.47	14.1	14.3	0.1	0.1414	1.0%	0
Overall		12	14.2			14.1	14.3				0 (0%)