Pacific Gas and Electric Company

Robert C. Doss, P.E.
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February 13, 2012

Mr. Harold J. Singer
Executive Officer
California Regional Water Quality Control Board
Lahontan Region
2501 Lake Tahoe Boulevard
South Lake Tahoe, California 96150-7704

Re: PG&E's Quarterly Report Under Ordering Paragraph 1.b.
Amended Cleanup and Abatement Order No. R6V-2011-0005A1

Dear Mr. Singer:

Pacific Gas and Electric Company (PG&E) submits the following quarterly report in compliance with Ordering Paragraph 1.b. of Amended Cleanup and Abatement Order No. R6V-2011-0005A1 (the "Order"), issued October 11, 2011 for the Hinkley Compressor Station.

As you are aware, PG&E submitted a petition and request for emergency stay of the Order to the State Water Resources Control Board on October 25, 2011. While this petition is pending State Board action, PG&E will continue to honor our commitment to provide safe drinking water to the community through our voluntary bottled water program, and will work to comply with the Order to the extent feasible using current tools and technologies, including aggressively testing whole-house water technologies, and reporting our progress to the Water Board and to the Hinkley community.

Ordering Paragraph 1.a. Requirements

Ordering Paragraph 1.a. requires that PG&E supply interim uninterrupted replacement water service (i.e., bottled water or equivalent) to all those served by domestic and community wells in the affected area where those wells are determined to be "impacted". For purposes of this report, PG&E has relied upon the Order definition of "impacted wells" as including domestic or community wells in the affected area containing more than 3.1 µg/L hexavalent chromium or more than 3.2 µg/L total chromium.

Ordering Paragraph 1.b. Requirements

Within 14 days of the submittal of each quarterly report delineating a revised affected area, PG&E is required under Ordering Paragraph 1.b. to submit a report to the Water Board listing all

properties that have been provided interim uninterrupted water service which includes the following items:

- Addresses for each of the properties;
- Well numbers;
- Identification of the bottled water service providing the water;
- Information on the quantity of bottled water being provided;
- Evidence of any refusal of bottled water by a property owner who had been offered interim uninterrupted water supply; and,
- Documentation to show that the interim water supply meets state primary and secondary drinking water standards and hexavalent chromium levels of less than 0.02 µg/L or the final maximum contaminant level, once that standard is adopted by the California Department of Public Health (footnote 1 to paragraph 1.b. provides that "...for the purposes of this standard, drinking water must test below the reporting limit of 0.06 µg/L due to the limitation of laboratory analysis of low levels of chromium").

Documentation of Properties Provided Interim Uninterrupted Water Service

Table 1 below contains the property owner name, property address, well number, identification of the bottled water provider, and information concerning the quantity of water delivered for each of the seventeen properties for which PG&E is currently providing interim replacement water supply. Please note that the quantities provided to each home may vary substantially from week to week, as requested by the residents.

Table 1
Properties That Have Been Provided Interim Uninterrupted Water Service

Property Owner	Property Address	Well Identification Number	Bottled Water Supplier	Bottled Water Volume Provided Weekly (Gallons)
Grimsley	[redacted]	[redacted]	Culligan of Barstow	10.5
Filandrianos	[redacted]	[redacted]	Culligan of Barstow	10.0
Dickmann	[redacted]	[redacted]	Culligan of Barstow	12.9
Palacio	[redacted]	[redacted]	Culligan of Barstow	13.8
Shirkey	[redacted]	[redacted]	Culligan of Barstow	8.8
Olid/DeLourdes	[redacted]	[redacted]	Culligan of Barstow	8.5
Groveau	[redacted]	[redacted]	Culligan of Barstow	5.6
Cooke	[redacted]	[redacted]	Culligan of Barstow	11.6
Nethery	[redacted]	[redacted]	Culligan of Barstow	40.1
Gomez	[redacted]	[redacted]	Culligan of Barstow	12.7
Varrasa	[redacted]	[redacted]	Culligan of Barstow	7.9
Jaquez	[redacted]	[redacted]	Culligan of Barstow	6.3
Diaz/Wetterman	[redacted]	[redacted]	Culligan of Barstow	17.0
Pearce	[redacted]	[redacted]	Culligan of Barstow	32.0
Depue	[redacted]	[redacted]	Culligan of Barstow	1.4
Loucky	[redacted]	[redacted]	Culligan of Barstow	20.8
Jacobson	[redacted]	[redacted]	Culligan of Barstow	9.1

Average weekly quantities are for the four-week period ending January 27, 2011, with the exception of the entries for the Diaz/Wetterman, Pearce and Depue properties. Weekly averages for those properties are based on an average of the amount delivered divided by the fractional number of weeks the service has been established.

Exhibit 1 provides information concerning properties within the affected area that are the site of wells that have tested above 3.1 µg/L hexavalent chromium or 3.2 µg/L total chromium at some point, but which are not currently receiving interim replacement water supply because there are no residents living or working on the properties or they have preexisting whole house water replacement facilities.

There have been no instances in which a resident of property that is the site of an impacted well has refused PG&E's offer of interim replacement water supply.

Documentation of Bottled Water Quality

Culligan Water of Barstow, California ("Culligan") is the current supplier of the interim replacement water. Culligan of Barstow is providing interim replacement water to PG&E from two sources: the Culligan Santa Maria, California bottling plant (5-gallon and 3-gallon bottles) and the United Packaging Group, LLC plant in Colton, California (0.5-liter (L) bottles). Information on the sources of water used by Culligan, available data on variability in the supply water quality, a discussion of supply chain management considerations, a proposed testing program for the Culligan supply, and a contingency plan to ensure the availability of a suitable supply of interim replacement water were previously provided (see the interim water supply correspondence dated November 10, 2011 addressing Ordering Paragraph 1.c. requirements).

Annual water quality reports submitted by the Culligan Santa Maria plant and United Packaging Group Colton plant to the FDA show that the interim replacement water supply meets all bottled water standards established by the U.S. Food and Drug Administration (see the interim water supply correspondence dated October 25, 2011). Samples of 0.5-liter and 5-gallon bottles of water from Culligan of Barstow, bottled in December 2011, were collected on January 11, 2012 and provided to Montgomery Watson Harza Laboratories (MWH, a California-certified analytical laboratory) in Monrovia, CA for broad water quality analysis, including:

- All constituents regulated by either primary or secondary standards under Title 22;
- Hexavalent chromium using EPA Method 218.6, at a method reporting limit (MRL) of 0.06 µg/L.

The January 11, 2012 samples sent for analysis were bottled in the Culligan and United Packaging Group facilities in December 2011. In accordance with our sampling plan, analysis of bottled water for total chromium and chromium 6 will continue on a monthly basis.

Montgomery Watson Harza Laboratories Testing

Exhibit 2 provides final results from the MWH analyses. The results show that the interim water supply meets all Title 22 standards for measured constituents:

- Hexavalent chromium was not detected at an MRL of 0.06 µg/L in either the 0.5-liter or 5-gallon bottles of water collected on January 11, 2012. Total chromium was not detected at an MRL of 1.0 µg/L.

- Concentrations of all measured constituents (i.e., inorganic and organic contaminants, radionuclides, disinfection by-products) meet Title 22 primary and secondary standards.

Although these results are considered final results by the analytical laboratory, PG&E is undertaking an independent validation of the data to provide an additional level of review, consistent with its practice for data collected under the Hinkley groundwater remediation project. We will inform the Water Board if any irregularities are identified in the validation process.

I hereby certify that I have examined this report, and based on my examination and my inquiries of those individuals who assisted in the preparation of the report, I believe the report to be true, complete and accurate.

Please do not hesitate to contact me if you have any questions regarding this report, or if you need additional information.

Sincerely,

Robert C. Doss

Enclosures:

Exhibits 1 and 2

Exhibit 1

Properties with Impacted Wells That Do Not Receive Interim Uninterruptible Replacement Water

Exhibit 1

Properties with Impacted Wells That Do Not Receive Interim Uninterruptible Replacement Water

I. The following properties are not receiving interim replacement water supply because there are no residents living or working on the property:

- Eap property, [redacted]
- Westra property, [redacted]
- Kelley property, [redacted]
- Mahoney property, [redacted]
- Ramos property, [redacted]

II. The following property is not receiving interim replacement water supply because it is served by a preexisting source of whole house replacement water:

- Vernola property, [redacted]

III. The following property contains a well with hexavalent chromium concentrations above 3.1 µg/L that the Water Board has determined contains hexavalent chromium from sources unrelated to PG&E's operations:

- Escobedo property, [redacted]

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Laboratory Comments
Report: #385506

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The Comments Report may be blank if there are no comments for this report.

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Samples Received on:
01/12/2012

Analyzed	Analyte	Sample ID	Result	CA MCL	Units	MRL

SUMMARY OF POSITIVE DATA ONLY

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Report: 385506

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San Francisco, CA 94105-1814

Samples Received on:
01/12/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
5gal Lot# B03PM8K0920/3 (201201110393)						**Sampled on 01/11/2012 1621**		
		EPA 200.8 - ICPMS Metals						
	01/20/2012 13:13	634985	(EPA 200.8)	Chromium Total ICAP/MS	ND	ug/L	1	1
		SM 9215B - Heterotrophic Plate Count						
1/12/2012	01/15/2012 17:45	634465	(SM 9215B)	Heterotrophic Plate Count	<1	CFU/ml	1	1
		SM 9223 - Total & Fecal Coliform, 18 Hours						
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	24 Hour E. Coli Confirmed	ND	PositiveTube		1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	24 Hour Total Coliform Confrm	ND	PositiveTube		1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	E. Coli Bacteria (P/A)	A	P=Pres/A=Abs		1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	Total Coliform Bacteria (P/A)	A	P=Pres/A=Abs		1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	E. Coli Bacteria	<1.1	MPN/100 mL	1.1	1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	Total Coliform Bacteria	<1.1	MPN/100 mL	1.1	1
		EPA 218.6 - Hexavalent chromium(Dissolved)						
	01/12/2012 12:11	634242	(EPA 218.6)	Hexavalent chromium(Dissolved)	ND	ug/L	0.06	1

Rounding on totals after summation.
(c) - indicates calculated results

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QC Summary: 385506

Pacific Gas and Electric

QC Ref # 634242 - Hexavalent chromium(Dissolved)
201201110393 5gal Lot# B03PM8K0920/3
Analysis Date: 01/12/2012
Analyzed by: TLH

QC Ref # 634307 - Total & Fecal Coliform, 18 Hours
201201110393 5gal Lot# B03PM8K0920/3
Analysis Date: 01/13/2012
Analyzed by: GPM

QC Ref # 634465 - Heterotrophic Plate Count
201201110393 5gal Lot# B03PM8K0920/3
Analysis Date: 01/15/2012
Analyzed by: BRM

QC Ref # 634985 - ICPMS Metals
201201110393 5gal Lot# B03PM8K0920/3
Analysis Date: 01/20/2012
Analyzed by: DYH

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QC Report: 385506

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 634242 - Hexavalent chromium(Dissolved) by EPA 218.6						**Analysis Date: 01/12/2012**			
LCS1	Hexavalent chromium(Dissolved)		2.0	1.93	ug/L	96	(90-110)		
LCS2	Hexavalent chromium(Dissolved)		2.0	1.89	ug/L	95	(90-110)		
MBLK	Hexavalent chromium(Dissolved)			<0.020	ug/L				
MRL_CHK	Hexavalent chromium(Dissolved)		0.02	0.0172	ug/L	86	(50-150)		
MS_201201120002	Hexavalent chromium(Dissolved)	0.18	2.0	2.18	ug/L	100	(90-110)		
MS2_201201120462	Hexavalent chromium(Dissolved)	0.29	2.0	2.09	ug/L	90	(90-110)		
MSD_201201120002	Hexavalent chromium(Dissolved)	0.18	2.0	2.19	ug/L	100	(90-110)	20	0.46
QC Ref# 634985 - ICPMS Metals by EPA 200.8						**Analysis Date: 01/20/2012**			
LCS1	Chromium Total ICAP/MS		100	92.5	ug/L	93	(85-115)		
LCS2	Chromium Total ICAP/MS		100	91.9	ug/L	92	(85-115)	20	0.76
MBLK	Chromium Total ICAP/MS			<1	ug/L				
MRL_CHK	Chromium Total ICAP/MS		1.0	0.822	ug/L	82	(50-150)		
MS_201201110394	Chromium Total ICAP/MS	ND	100	90.8	ug/L	91	(70-130)		
MSD_201201110394	Chromium Total ICAP/MS	ND	100	85.3	ug/L	85	(70-130)	20	6.3

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Laboratory Comments
Report: #385469

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Group Comments

Analytical results for Radium 226 are submitted by Pace Analytical Services, Greensburg, PA

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Laboratory
Hits Report: 385469

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Samples Received on:
01/11/2012

Analyzed		Analyte	Sample ID	Result	CA MCL	Units	MRL
		201201110394	**5gal Lot# B03PM8K0920/3**				
01/18/2012	13:36	Agressiveness Index-Calculated		4.7		None	0.1
01/12/2012	18:45	Bromodichloromethane		0.87		ug/L	0.5
01/12/2012	18:45	Chloroform (Trichloromethane)		2.9		ug/L	0.5
01/13/2012	14:40	Langelier Index - 25 degree		-7.2		None	
01/13/2012	14:41	Langelier Index at 60 degrees C		-6.1		None	
01/12/2012	20:02	PH Bottled Water		4.5		Units	0.1
01/18/2012	13:36	pH of CaCO3 saturation(25C)		12		Units	0.1
01/13/2012	14:40	pH of CaCO3 saturation(60C)		11		Units	0.1
01/12/2012	20:02	Specific Conductance, 25 C		3.4	900	umho/cm	2
01/12/2012	18:45	Total THM		3.7	80	ug/L	0.5

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Samples Received on:
01/11/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
5gal Lot# B03PM8K0920/3 (201201110394)						**Sampled on 01/11/2012 1621**		
			EPA 903.1 - Radium 226 (Sub)					
	01/31/2012 14:28		(EPA 903.1)	Radium 226	<0.829	pCi/L	0.83	1
	01/31/2012 14:28		(EPA 903.1)	Radium 226 Minimal Detectable	0.829	pCi/L		1
	01/31/2012 14:28		(EPA 903.1)	Radium 226 Two Sigma Error	0.427	pCi/L		1
			EPA 200.8 - ICPMS Metals					
	01/20/2012 13:02	634985	(EPA 200.8)	Aluminum Total ICAP/MS	ND	ug/L	20	1
	01/20/2012 13:02	634985	(EPA 200.8)	Antimony Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:02	634985	(EPA 200.8)	Arsenic Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:02	634985	(EPA 200.8)	Barium Total ICAP/MS	ND	ug/L	2	1
	01/20/2012 13:02	634985	(EPA 200.8)	Beryllium Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:02	634985	(EPA 200.8)	Cadmium Total ICAP/MS	ND	ug/L	0.5	1
	01/20/2012 13:02	634985	(EPA 200.8)	Chromium Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:02	634985	(EPA 200.8)	Copper Total ICAP/MS	ND	ug/L	2	1
	01/20/2012 13:02	634985	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
	01/20/2012 13:02	634985	(EPA 200.8)	Manganese Total ICAP/MS	ND	ug/L	2	1
	01/20/2012 13:02	634985	(EPA 200.8)	Nickel Total ICAP/MS	ND	ug/L	5	1
	01/20/2012 13:02	634985	(EPA 200.8)	Selenium Total ICAP/MS	ND	ug/L	5	1
	01/19/2012 16:26	634980	(EPA 200.8)	Silver Total ICAP/MS	ND	ug/L	0.5	1
	01/20/2012 13:02	634985	(EPA 200.8)	Thallium Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:02	634985	(EPA 200.8)	Uranium ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:02	634985	(EPA 200.8)	Zinc Total ICAP/MS	ND	ug/L	20	1
			EPA 200.7 - ICP Metals					
	01/17/2012 17:43	634357	(EPA 200.7)	Calcium Total ICAP	ND	mg/L	1	1
	01/17/2012 17:43	634357	(EPA 200.7)	Iron Total ICAP	ND	mg/L	0.02	1
	01/17/2012 17:43	634357	(EPA 200.7)	Magnesium Total ICAP	ND	mg/L	0.1	1
	01/17/2012 17:43	634357	(EPA 200.7)	Potassium Total ICAP	ND	mg/L	1	1
	01/17/2012 17:43	634357	(EPA 200.7)	Sodium Total ICAP	ND	mg/L	1	1
			EPA 245.1 - Mercury					
1/25/2012	01/25/2012 18:50	635843	(EPA 245.1)	Mercury	ND	ug/L	0.2	1
			EPA 100.2 - Asbestos by TEM - >10 microns					
1/12/2012	01/19/2012 00:00	634963	(EPA 100.2)	Asbestos by TEM - >10 microns	ND	MFL	0.2	1
			SM2330B - Hydroxide as OH, Calculated					
	01/13/2012 14:40		(SM2330B)	Hydroxide as OH Calculated	ND	mg/L	2	1

Rounding on totals after summation.
(c) - indicates calculated results

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Laboratory Data
Report: 385469

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Samples Received on:
01/11/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
		SM 2330B - pH of CaCO3 saturation(60C)						
	01/13/2012 14:40		(SM 2330B)	pH of CaCO3 saturation(60C)	11	Units	0.1	1
		EPA 200.8 - Uranium by ICPMS as pCi/L						
	01/20/2012 13:58		(EPA 200.8)	Uranium by ICPMS as pCi/L	ND	pCi/L	0.7	1
		SM4500-CO2-D - Carbon Dioxide,Free(25C)-Calc.						
	01/13/2012 14:40		(SM4500-CO2-D)	Carbon Dioxide,Free(25C)-Calc.	ND	mg/L	2	1
		SM 2330B - Langelier Index - 25 degree						
	01/13/2012 14:40		(SM 2330B)	Langelier Index - 25 degree	-7.2	None		1
		SM2330B - Carbonate as CO3, Calculated						
	01/17/2012 13:34		(SM2330B)	Carbonate as CO3, Calculated	ND	mg/L	2	1
		SM 2340B - Total Hardness as CaCO3 by ICP						
	01/18/2012 13:36		(SM 2340B)	Total Hardness as CaCO3 by ICP (calc)	ND	mg/L	3	1
		SM 1030E - Anion Sum - Calculated						
	01/13/2012 14:44		(SM 1030E)	Anion Sum - Calculated	ND	meq/L	0.001	1
		SM 1030E - Cation Sum - Calculated						
	01/18/2012 13:36		(SM 1030E)	Cation Sum - Calculated	ND	meq/L	0.001	1
		SM 2330B - pH of CaCO3 saturation(25C)						
	01/18/2012 13:36		(SM 2330B)	pH of CaCO3 saturation(25C)	12	Units	0.1	1
		SM2330B - Bicarb.Alkalinity as HCO3,calc						
	01/13/2012 14:44		(SM2330B)	Bicarb.Alkalinity as HCO3calc	ND	mg/L	2	1
		SM 2330 - Agressiveness Index-Calculated						
	01/18/2012 13:36		(SM 2330)	Agressiveness Index-Calculated	4.7	None	0.1	1
		SM 2330B - Langlier Index at 60 degrees C						
	01/13/2012 14:41		(SM 2330B)	Langelier Index at 60 degrees C	-6.1	None		1
		SM 1030E - Cation/Anion Difference						
	:		(SM 1030E)	Cation/Anion Difference	NA	%		1
		EPA 505 - Organochlorine Pesticides/PCBs						
1/13/2012	01/14/2012 05:42	634392	(EPA 505)	Alachlor (Alanex)	ND	ug/L	0.1	1
1/13/2012	01/14/2012 05:42	634392	(EPA 505)	Chlordane	ND	ug/L	0.1	1
1/13/2012	01/14/2012 05:42	634392	(EPA 505)	Endrin	ND	ug/L	0.01	1
1/13/2012	01/14/2012 05:42	634392	(EPA 505)	Heptachlor	ND	ug/L	0.01	1
1/13/2012	01/14/2012 05:42	634392	(EPA 505)	Heptachlor Epoxide	ND	ug/L	0.01	1
1/13/2012	01/14/2012 05:42	634392	(EPA 505)	Lindane (gamma-BHC)	ND	ug/L	0.01	1
1/13/2012	01/14/2012 05:42	634392	(EPA 505)	Methoxychlor	ND	ug/L	0.05	1
1/13/2012	01/14/2012 05:42	634392	(EPA 505)	PCB 1016 Aroclor	ND	ug/L	0.08	1

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Mail Code B16A
San Francisco, CA 94105-1814

Samples Received on:
01/11/2012

Prepared	Analyzed		QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	PCB 1221 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	PCB 1232 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	PCB 1242 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	PCB 1248 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	PCB 1254 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	PCB 1260 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	Total PCBs	ND	ug/L	0.1	1
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	Toxaphene	ND	ug/L	0.5	1
1/13/2012	01/14/2012	05:42	634392	(EPA 505)	Tetrachlorometaxylene	99	%		1
	EPA 515.4 - Chlorophenoxy Herbicides								
1/18/2012	01/23/2012	13:58	635596	(EPA 515.4)	2,4,5-TP (Silvex)	ND	ug/L	0.2	1
1/18/2012	01/23/2012	13:58	635596	(EPA 515.4)	2,4-D	ND	ug/L	0.1	1
1/18/2012	01/23/2012	13:58	635596	(EPA 515.4)	Bentazon	ND	ug/L	0.5	1
1/18/2012	01/23/2012	13:58	635596	(EPA 515.4)	Dalapon	ND	ug/L	1	1
1/18/2012	01/23/2012	13:58	635596	(EPA 515.4)	Dinoseb	ND	ug/L	0.2	1
1/18/2012	01/23/2012	13:58	635596	(EPA 515.4)	Pentachlorophenol	ND	ug/L	0.04	1
1/18/2012	01/23/2012	13:58	635596	(EPA 515.4)	Picloram	ND	ug/L	0.1	1
	SM 6251B - Haloacetic Acids								
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	Bromochloroacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	Dibromoacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	Dichloroacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	Monobromoacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	Monochloroacetic acid	ND	ug/L	2	1
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	Total Haloacetic Acids (HAA5)	ND	ug/L	2	1
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	Trichloroacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	1,2,3-Trichloropropane	100	%		1
1/12/2012	01/13/2012	06:04	634198	(SM 6251B)	2,3-Dibromopropionic acid	99	%		1
	EPA 551.1 - EDB/DBCP/HAN by EPA 551.1								
1/12/2012	01/14/2012	06:03	634628	(EPA 551.1)	Dibromochloropropane (DBCP)	ND	ug/L	0.01	1
1/12/2012	01/14/2012	06:03	634628	(EPA 551.1)	Ethylene Dibromide (EDB)	ND	ug/L	0.01	1
1/12/2012	01/14/2012	06:03	634628	(EPA 551.1)	1,2-Dibromopropane	103	%		1
	EPA 525.2 - Semivolatiles by GCMS								
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Alachlor	ND	ug/L	0.05	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Atrazine	ND	ug/L	0.05	1

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Laboratory Data
Report: 385469

Pacific Gas and Electric
Robert C. Doss
77 Beale Street
Mail Code B16A
San Francisco, CA 94105-1814

Samples Received on:
01/11/2012

Prepared	Analyzed		QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Benzo(a)pyrene	ND	ug/L	0.02	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Di-(2-Ethylhexyl)adipate	ND	ug/L	0.6	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Di(2-Ethylhexyl)phthalate	ND	ug/L	0.6	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Hexachlorobenzene	ND	ug/L	0.05	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Hexachlorocyclopentadiene	ND	ug/L	0.05	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Molinate	ND	ug/L	0.1	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Simazine	ND	ug/L	0.05	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Thiobencarb (ELAP)	ND	ug/L	0.2	1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	1,3-Dimethyl-2-nitrobenzene	98	%		1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Acenaphthene-d10	114	%		1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Chrysene-d12	113	%		1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Perylene-d12	82	%		1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Phenanthrene-d10	121	%		1
1/12/2012	01/17/2012	18:17	634701	(EPA 525.2)	Triphenylphosphate	105	%		1
			EPA 548.1 - Endothall						
1/12/2012	01/18/2012	12:07	634786	(EPA 548.1)	Endothall	ND	ug/L	5	1
			EPA 1613B - 2,3,7,8-TCDD_Dioxin						
1/13/2012	01/19/2012	07:19	633320	(EPA 1613B)	2,3,7,8-TCDD	ND	pg/L	5	1
1/13/2012	01/19/2012	07:19	633320	(EPA 1613B)	C12-2,3,7,8-TCDD	110	%		1
			EPA 547 - Glyphosate						
	01/12/2012	16:37	634186	(EPA 547)	Glyphosate	ND	ug/L	6	1
			EPA 531.2 - Aldicarbs						
	01/13/2012	16:29	634073	(EPA 531.2)	Carbofuran (Furadan)	ND	ug/L	0.5	1
	01/13/2012	16:29	634073	(EPA 531.2)	Oxamyl (Vydate)	ND	ug/L	0.5	1
			EPA 549.2 - Diquat and Paraquat						
1/13/2012	01/13/2012	20:15	634497	(EPA 549.2)	Diquat	ND	ug/L	0.4	1
			EPA 300.0 - Nitrate, Nitrite by EPA 300.0						
	01/12/2012	20:28	634188	(EPA 300.0)	Nitrate as Nitrogen by IC	ND	mg/L	0.1	1
	01/12/2012	20:28	634188	(EPA 300.0)	Nitrate as NO3 (calc)	ND	mg/L	0.44	1
	01/12/2012	20:28	634188	(EPA 300.0)	Nitrite Nitrogen by IC	ND	mg/L	0.05	1
	01/12/2012	20:28	634188	(EPA 300.0)	Total Nitrate, Nitrite-N, CALC	ND	mg/L	0.1	1
			EPA 300.0 - Chloride, Sulfate by EPA 300.0						
	01/12/2012	20:28	634204	(EPA 300.0)	Chloride	ND	mg/L	1	1
	01/12/2012	20:28	634204	(EPA 300.0)	Sulfate	ND	mg/L	0.5	1
			EPA 314.0 - Perchlorate						

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Prepared	Analyzed		QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
	01/18/2012	14:10	634524	(EPA 314.0)	Perchlorate	ND	ug/L	4	1
		EPA 904.0 - Radium 228							
	01/20/2012	11:36	635463	(EPA 904.0)	Radium 228	ND	pCi/L	1	1
	01/20/2012	11:36	635463	(EPA 904.0)	Radium 228 Minimum Detectable	0.38	pCi/L		1
	01/20/2012	11:36	635463	(EPA 904.0)	Radium 228 Two Sigma Error	0.32	pCi/L		1
		EPA 900.0 - Gross Alpha/Beta Radiation							
1/18/2012	01/24/2012	17:31	636150	(EPA 900.0)	Alpha, Gross	ND	pCi/L	3	1
1/18/2012	01/24/2012	17:31	636150	(EPA 900.0)	Alpha, Min Detectable Activity	3.0	pCi/L		1
1/18/2012	01/24/2012	17:31	636150	(EPA 900.0)	Alpha, Two Sigma Error	1.9	pCi/L		1
1/18/2012	01/24/2012	17:31	636150	(EPA 900.0)	Beta, Gross	ND	pCi/L	3	1
1/18/2012	01/24/2012	17:31	636150	(EPA 900.0)	Beta, Min Detectable Activity	3.0	pCi/L		1
1/18/2012	01/24/2012	17:31	636150	(EPA 900.0)	Beta, Two Sigma Error	1.2	pCi/L		1
1/18/2012	01/24/2012	17:31	636150	(EPA 900.0)	Gross Alpha + adjusted error	ND	pCi/L	3	1
		EPA 524.2 - Volatile Organics by GCMS							
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Benzene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Bromodichloromethane	0.87	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Bromoform	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Chlorodibromomethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Chloroform (Trichloromethane)	2.9	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Dichloromethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.5	1

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Prepared	Analyzed		QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	o-Xylene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Styrene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Toluene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Total THM	3.7	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Total xylenes	ND	ug/L	1	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.3	1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	1,2-Dichloroethane-d4	105	%		1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	4-Bromofluorobenzene	100	%		1
1/12/2012	01/12/2012	18:45	634343	(EPA 524.2)	Toluene-d8	93	%		1
		SM4500CN-F - Cyanide							
	01/17/2012	14:09	635583	(SM4500CN-F)	Cyanide	ND	mg/L	0.025	1
		SM 2150B - Odor at 60 C (TON)							
	01/12/2012	15:40	634573	(SM 2150B)	Odor at 60 C (TON)	ND	TON	1	1
		SM 4500F-C - Fluoride							
	01/12/2012	18:12	633844	(SM 4500F-C)	Fluoride	ND	mg/L	0.05	1
		SM 2320B - Alkalinity in CaCO3 units							
	01/12/2012	20:02	634245	(SM 2320B)	Alkalinity in CaCO3 units	ND	mg/L	2	1
		E160.1/SM2540C - Total Dissolved Solids (TDS)							
1/12/2012	01/12/2012	15:20	634094	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	ND	mg/L	10	1
		SM 5540C/EPA 425.1 - Surfactants							
	01/12/2012	16:29	634370	(SM 5540C/EPA 425.1)	Surfactants	ND	mg/L	0.05	1
		EPA 180.1 - Turbidity							
	01/12/2012	15:59	634547	(EPA 180.1)	Turbidity	ND	NTU	0.05	1

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	SM2510B - Specific Conductance							
	01/12/2012 20:02	634252	(SM2510B)	Specific Conductance, 25 C	3.4	umho/cm	2	1
	4500HB/ E 150 - PH, Bottled Water							
	01/12/2012 20:02	634283	(4500HB/ E 150)	PH Bottled Water	4.5	Units	0.1	1
	SM 2120B - Apparent Color							
	01/12/2012 15:38	634278	(SM 2120B)	Apparent Color	ND	ACU	3	1

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Laboratory
QC Summary: 385469

Pacific Gas and Electric

QC Ref # 633320 - 2,3,7,8-TCDD_Dioxin		**Analysis Date: 01/19/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: CRW
QC Ref # 633844 - Fluoride		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: KXS
QC Ref # 634073 - Aldicarbs		**Analysis Date: 01/13/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: XWO
QC Ref # 634094 - Total Dissolved Solids (TDS)		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: JRF
QC Ref # 634186 - Glyphosate		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: SZZ
QC Ref # 634188 - Nitrate, Nitrite by EPA 300.0		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: SXK
QC Ref # 634198 - Haloacetic Acids		**Analysis Date: 01/13/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: DYM
QC Ref # 634204 - Chloride, Sulfate by EPA 300.0		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: SXK
QC Ref # 634245 - Alkalinity in CaCO3 units		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: CYP
QC Ref # 634252 - Specific Conductance		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: CYP
QC Ref # 634256 - PH (H3=past HT not compliant)		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: CYP
QC Ref # 634278 - Apparent Color		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: NEM
QC Ref # 634283 - PH, Bottled Water		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: CYP
QC Ref # 634343 - Volatile Organics by GCMS		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: KCP
QC Ref # 634357 - ICP Metals		**Analysis Date: 01/17/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: NINA
QC Ref # 634370 - Surfactants		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: QMK
QC Ref # 634392 - Organochlorine Pesticides/PCBs		**Analysis Date: 01/14/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: ARH
QC Ref # 634497 - Diquat and Paraquat		**Analysis Date: 01/13/2012**

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(continued)

201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: SZZ
QC Ref # 634524 - Perchlorate		**Analysis Date: 01/18/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: LUPE
QC Ref # 634547 - Turbidity		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: NEM
QC Ref # 634573 - Odor at 60 C (TON)		**Analysis Date: 01/12/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: NEM
QC Ref # 634628 - EDB/DBCP/HAN by EPA 551.1		**Analysis Date: 01/14/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: LRL
QC Ref # 634701 - Semivolatiles by GCMS		**Analysis Date: 01/17/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: JWC
QC Ref # 634786 - Endothall		**Analysis Date: 01/18/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: CRW
QC Ref # 634963 - Asbestos by TEM - >10 microns		**Analysis Date: 01/19/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: CJB
QC Ref # 634980 - ICPMS Metals		**Analysis Date: 01/19/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: VXT
QC Ref # 634985 - ICPMS Metals		**Analysis Date: 01/20/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: DYH
QC Ref # 635463 - Radium 228		**Analysis Date: 01/20/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: MAL
QC Ref # 635583 - Cyanide		**Analysis Date: 01/17/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: QMK
QC Ref # 635596 - Chlorophenoxy Herbicides		**Analysis Date: 01/23/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: SFL
QC Ref # 635843 - Mercury		**Analysis Date: 01/25/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: DYH
QC Ref # 636150 - Gross Alpha/Beta Radiation		**Analysis Date: 01/24/2012**
201201110394	5gal Lot# B03PM8K0920/3	Analyzed by: MAL

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 633320 - 2,3,7,8-TCDD_Dioxin by EPA 1613B						**Analysis Date: 01/18/2012**			
LCS1	2,3,7,8-TCDD		200	176	pg/L	88	(73-146)		
MBLK	2,3,7,8-TCDD			<1.67	pg/L				
MRL_CHK	2,3,7,8-TCDD		5.0	4.6	pg/L	92	(50-150)		
MS_201201090047	2,3,7,8-TCDD	ND	200	170	pg/L	85	(73-146)		
MSD_201201090047	2,3,7,8-TCDD	ND	200	162	pg/L	81	(73-146)	20	4.8
LCS1	C12-2,3,7,8-TCDD			94.0	%	94	(25-141)		
MBLK	C12-2,3,7,8-TCDD			97.5	%				
MRL_CHK	C12-2,3,7,8-TCDD			92.1	%	92	(31-137)		
MS_201201090047	C12-2,3,7,8-TCDD	82		88.3	%	88	(25-141)		
MSD_201201090047	C12-2,3,7,8-TCDD	82		85.2	%	85	(25-141)		
QC Ref# 633844 - Fluoride by SM 4500F-C						**Analysis Date: 01/12/2012**			
LCS1	Fluoride		1.0	1.06	mg/L	106	(81-116)		
LCS2	Fluoride		1.0	1.06	mg/L	106	(81-116)	20	0.0
MBLK	Fluoride			<0.05	mg/L				
MRL_CHK	Fluoride		0.05	0.0583	mg/L	117	(50-150)		
MS_201201110394	Fluoride	ND	1.0	0.940	mg/L	94	(73-124)		
MS2_201201120226	Fluoride	ND	1.0	1.02	mg/L	98	(73-124)		
MSD_201201110394	Fluoride	ND	1.0	0.948	mg/L	95	(73-124)	20	0.85
QC Ref# 634073 - Aldicarbs by EPA 531.2						**Analysis Date: 01/13/2012**			
CCCH	Carbofuran (Furadan)		25	25.5	ug/L	102	(70-130)		
CCCM	Carbofuran (Furadan)		10	10.5	ug/L	105	(70-130)		
LCS1	Carbofuran (Furadan)		10	10.2	ug/L	102	(70-130)		
MBLK	Carbofuran (Furadan)			<0.25	ug/L				
MRL_CHK	Carbofuran (Furadan)		0.5	0.411	ug/L	82	(50-150)		
MS_201201110300	Carbofuran (Furadan)	ND	10	10.2	ug/L	102	(70-130)		
MSD_201201110300	Carbofuran (Furadan)	ND	10	10.4	ug/L	104	(70-130)	20	1.9
CCCH	Oxamyl (Vydate)		25	25.7	ug/L	103	(70-130)		
CCCM	Oxamyl (Vydate)		10	10.8	ug/L	108	(70-130)		
LCS1	Oxamyl (Vydate)		10	10.4	ug/L	104	(70-130)		
MBLK	Oxamyl (Vydate)			<0.25	ug/L				
MRL_CHK	Oxamyl (Vydate)		0.5	0.406	ug/L	81	(50-150)		
MS_201201110300	Oxamyl (Vydate)	ND	10	10.4	ug/L	104	(70-130)		
MSD_201201110300	Oxamyl (Vydate)	ND	10	9.63	ug/L	96	(70-130)	20	7.7

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 634094 - Total Dissolved Solids (TDS) by E160.1/SM2540C						**Analysis Date: 01/12/2012**			
DUP_201201050560	Total Dissolved Solid (TDS)	580		570	mg/L		(0-20)	20	1.0
DUP_201201090262	Total Dissolved Solid (TDS)	120		128	mg/L		(0-20)	20	3.2
LCS1	Total Dissolved Solid (TDS)		175	164	mg/L	94	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	694	mg/L	99	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	9.00	mg/L	90	(50-150)		
QC Ref# 634186 - Glyphosate by EPA 547						**Analysis Date: 01/12/2012**			
CCCM	Glyphosate		10	9.06	ug/L	91	(80-120)		
LCS1	Glyphosate		10	9.33	ug/L	93	(80-120)		
MBLK	Glyphosate			<6	ug/L				
MRL_CHK	Glyphosate		6.0	5.5	ug/L	92	(50-150)		
MS_201201100237	Glyphosate	ND	10	12.2	ug/L	122	(83-119)		
MS2_201201100324	Glyphosate	ND	10	11.9	ug/L	119	(83-119)		
MSD_201201100237	Glyphosate	ND	10	11.5	ug/L	115	(83-119)	20	5.9
QC Ref# 634188 - Nitrate, Nitrite by EPA 300.0 by EPA 300.0						**Analysis Date: 01/12/2012**			
LCS1	Nitrate as Nitrogen by IC		2.5	2.63	mg/L	105	(90-110)		
LCS2	Nitrate as Nitrogen by IC		2.5	2.63	mg/L	105	(90-110)	20	0.0
MBLK	Nitrate as Nitrogen by IC			<0.10	mg/L				
MRL_CHK	Nitrate as Nitrogen by IC		0.05	0.0524	mg/L	105	(50-150)		
MS_201201120357	Nitrate as Nitrogen by IC	ND	1.3	1.37	mg/L	109	(80-120)		
MSD_201201120357	Nitrate as Nitrogen by IC	ND	1.3	1.36	mg/L	109	(80-120)	20	0.73
LCS1	Nitrite Nitrogen by IC		1.0	1.02	mg/L	102	(90-110)		
LCS2	Nitrite Nitrogen by IC		1.0	1.02	mg/L	102	(90-110)	20	0.0
MBLK	Nitrite Nitrogen by IC			<0.10	mg/L				
MRL_CHK	Nitrite Nitrogen by IC		0.05	0.0502	mg/L	100	(50-150)		
MS_201201120357	Nitrite Nitrogen by IC	ND	0.5	0.536	mg/L	107	(80-120)		
MSD_201201120357	Nitrite Nitrogen by IC	ND	0.5	0.533	mg/L	107	(80-120)	20	0.56
QC Ref# 634198 - Haloacetic Acids by SM 6251B						**Analysis Date: 01/13/2012**			
CCCM	1,2,3-Trichloropropane (I)			98.7	%	99	(80-130)		
DUP1_201201110396	1,2,3-Trichloropropane (I)			101	%	101	(80-120)		
MBLK	1,2,3-Trichloropropane (I)			100	%	100	(80-120)		
MRL_CHK	1,2,3-Trichloropropane (I)			100	%	100	(80-120)		

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS1_201201110394	1,2,3-Trichloropropane (I)			99.8	%	100	(80-120)		
CCCM	2,3-Dibromopropionic acid (S)			102	%	102	(70-130)		
DUP1_201201110396	2,3-Dibromopropionic acid (S)			102	%	102	(70-130)		
MBLK	2,3-Dibromopropionic acid (S)			102	%	102	(70-130)		
MRL_CHK	2,3-Dibromopropionic acid (S)			101	%	101	(70-130)		
MS1_201201110394	2,3-Dibromopropionic acid (S)			97.5	%	97	(70-130)		
CCCM	Bromochloroacetic acid		20	20.7	ug/L	103	(85-115)		
DUP1_201201110396	Bromochloroacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Bromochloroacetic acid			<1	ug/L				
MRL_CHK	Bromochloroacetic acid		1.0	0.946	ug/L	95	(50-150)		
MS1_201201110394	Bromochloroacetic acid	ND	20	18.6	ug/L	93	(84-123)		
CCCM	Dibromoacetic acid		20	20.0	ug/L	100	(85-115)		
DUP1_201201110396	Dibromoacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Dibromoacetic acid			<1	ug/L				
MRL_CHK	Dibromoacetic acid		1.0	0.891	ug/L	89	(50-150)		
MS1_201201110394	Dibromoacetic acid	ND	20	18.4	ug/L	92	(84-122)		
CCCM	Dichloroacetic acid		20	20.8	ug/L	104	(85-115)		
DUP1_201201110396	Dichloroacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Dichloroacetic acid			<1	ug/L				
MRL_CHK	Dichloroacetic acid		1.0	1.18	ug/L	118	(50-150)		
MS1_201201110394	Dichloroacetic acid	ND	20	18.8	ug/L	93	(79-123)		
CCCM	Monobromoacetic acid		20	20.9	ug/L	105	(85-115)		
DUP1_201201110396	Monobromoacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Monobromoacetic acid			<1	ug/L				
MRL_CHK	Monobromoacetic acid		1.0	0.715	ug/L	72	(50-150)		
MS1_201201110394	Monobromoacetic acid	ND	20	18.0	ug/L	90	(81-122)		
CCCM	Monochloroacetic acid		20	20.6	ug/L	103	(85-115)		
DUP1_201201110396	Monochloroacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Monochloroacetic acid			<2	ug/L				
MRL_CHK	Monochloroacetic acid		2.0	1.83	ug/L	92	(50-150)		
MS1_201201110394	Monochloroacetic acid	ND	20	17.4	ug/L	87	(72-126)		
CCCM	Trichloroacetic acid		20	20.7	ug/L	103	(85-115)		
DUP1_201201110396	Trichloroacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Trichloroacetic acid			<1	ug/L				
MRL_CHK	Trichloroacetic acid		1.0	0.784	ug/L	78	(50-150)		

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS1_201201110394	Trichloroacetic acid	ND	20	18.2	ug/L	91	(82-124)		
QC Ref# 634204 - Chloride, Sulfate by EPA 300.0 by EPA 300.0					**Analysis Date: 01/12/2012**				
LCS1	Chloride		25	27.3	mg/L	109	(90-110)		
LCS2	Chloride		25	27.3	mg/L	109	(90-110)	20	0.0
MBLK	Chloride			<0.5	mg/L				
MRL_CHK	Chloride		0.5	0.436	mg/L	87	(50-150)		
MS_201201120357	Chloride	5.9	13	20.9	mg/L	120	(80-120)		
MSD_201201120357	Chloride	5.9	13	20.8	mg/L	119	(80-120)	20	0.48
LCS1	Sulfate		50	54.2	mg/L	108	(90-110)		
LCS2	Sulfate		50	54.4	mg/L	109	(90-110)	20	0.37
MBLK	Sulfate			<0.25	mg/L				
MRL_CHK	Sulfate		1.0	0.982	mg/L	98	(50-150)		
MRLLW	Sulfate		0.25	0.283	mg/L	113	(50-150)		
MS_201201120357	Sulfate	24	25	53.4	mg/L	117	(80-120)		
MSD_201201120357	Sulfate	24	25	53.2	mg/L	116	(80-120)	20	0.38
QC Ref# 634245 - Alkalinity in CaCO3 units by SM 2320B					**Analysis Date: 01/12/2012**				
LCS1	Alkalinity in CaCO3 units		100	91.3	mg/L	91	(90-110)		
LCS2	Alkalinity in CaCO3 units		100	92.4	mg/L	92	(90-110)	20	0.22
MBLK	Alkalinity in CaCO3 units			<2	mg/L				
MRL_CHK	Alkalinity in CaCO3 units		2.0	1.52	mg/L	76	(50-150)		
MS_201201110128	Alkalinity in CaCO3 units	320	100	419	mg/L	95	(80-120)		
MS_201201100324	Alkalinity in CaCO3 units	37	100	140	mg/L	103	(80-120)		
MSD_201201100324	Alkalinity in CaCO3 units	37	100	140	mg/L	103	(80-120)	20	0.0
MSD_201201110128	Alkalinity in CaCO3 units	320	100	421	mg/L	96	(80-120)	20	0.48
QC Ref# 634252 - Specific Conductance by SM2510B					**Analysis Date: 01/12/2012**				
DUP1_201201110128	Specific Conductance	2500		2550	umho/cm		(0-20)	20	0.10
DUP1_201201100324	Specific Conductance	320		321	umho/cm		(0-20)	20	0.25
LCS1	Specific Conductance		1000	1000	umho/cm	100	(95-105)		
LCS2	Specific Conductance		1000	1000	umho/cm	100	(95-105)	20	0.0
MBLK	Specific Conductance			<2	umho/cm				
MRL_CHK	Specific Conductance		2.0	2.00	umho/cm	100	(50-150)		
QC Ref# 634278 - Apparent Color by SM 2120B					**Analysis Date: 01/12/2012**				
DUP1_201201110394	Apparent Color	ND		ND	ACU		(0-20)		

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MBLK	Apparent Color			<3	ACU				
QC Ref# 634283 - PH, Bottled Water by 4500HB/ E 150					**Analysis Date: 01/12/2012**				
DUP_201201130215	PH Bottled Water	7.0		7.04	Units		(0-20)	20	0.17
LCS1	PH Bottled Water		6.0	6.00	Units	100	(98-102)		
LCS2	PH Bottled Water		6.0	5.98	Units	100	(98-102)	20	0.33
QC Ref# 634343 - Volatile Organics by GCMS by EPA 524.2					**Analysis Date: 01/12/2012**				
LCS1	1,1,1,2-Tetrachloroethane		5.0	5.87	ug/L	117	(70-130)		
LCS2	1,1,1,2-Tetrachloroethane		5.0	5.25	ug/L	105	(70-130)	20	11
MBLK	1,1,1,2-Tetrachloroethane			<0.25	ug/L				
MRL_CHK	1,1,1,2-Tetrachloroethane		0.5	0.470	ug/L	94	(50-150)		
LCS1	1,1,1-Trichloroethane		5.0	5.71	ug/L	114	(70-130)		
LCS2	1,1,1-Trichloroethane		5.0	5.19	ug/L	104	(70-130)	20	9.5
MBLK	1,1,1-Trichloroethane			<0.25	ug/L				
MRL_CHK	1,1,1-Trichloroethane		0.5	0.480	ug/L	96	(50-150)		
LCS1	1,1,2,2-Tetrachloroethane		5.0	5.6	ug/L	112	(70-130)		
LCS2	1,1,2,2-Tetrachloroethane		5.0	5.1	ug/L	102	(70-130)	20	9.3
MBLK	1,1,2,2-Tetrachloroethane			<0.25	ug/L				
MRL_CHK	1,1,2,2-Tetrachloroethane		0.5	0.520	ug/L	104	(50-150)		
LCS1	1,1,2-Trichloroethane		5.0	5.89	ug/L	118	(70-130)		
LCS2	1,1,2-Trichloroethane		5.0	5.2	ug/L	104	(70-130)	20	12
MBLK	1,1,2-Trichloroethane			<0.25	ug/L				
MRL_CHK	1,1,2-Trichloroethane		0.5	0.440	ug/L	88	(50-150)		
LCS1	1,1-Dichloroethane		5.0	5.58	ug/L	112	(70-130)		
LCS2	1,1-Dichloroethane		5.0	4.88	ug/L	98	(70-130)	20	13
MBLK	1,1-Dichloroethane			<0.25	ug/L				
MRL_CHK	1,1-Dichloroethane		0.5	0.520	ug/L	104	(50-150)		
LCS1	1,1-Dichloroethylene		5.0	5.05	ug/L	101	(70-130)		
LCS2	1,1-Dichloroethylene		5.0	4.68	ug/L	94	(70-130)	20	7.6
MBLK	1,1-Dichloroethylene			<0.25	ug/L				
MRL_CHK	1,1-Dichloroethylene		0.5	0.430	ug/L	86	(50-150)		
LCS1	1,2,4-Trichlorobenzene		5.0	5.34	ug/L	107	(70-130)		
LCS2	1,2,4-Trichlorobenzene		5.0	4.73	ug/L	95	(70-130)	20	12
MBLK	1,2,4-Trichlorobenzene			<0.25	ug/L				
MRL_CHK	1,2,4-Trichlorobenzene		0.5	0.450	ug/L	90	(50-150)		

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS1	1,2-Dichloroethane		5.0	5.82	ug/L	116	(70-130)		
LCS2	1,2-Dichloroethane		5.0	5.51	ug/L	110	(70-130)	20	5.5
MBLK	1,2-Dichloroethane			<0.25	ug/L				
MRL_CHK	1,2-Dichloroethane		0.5	0.510	ug/L	102	(50-150)		
LCS1	1,2-Dichloroethane-d4 (S)			111	%	111	(70-130)		
LCS2	1,2-Dichloroethane-d4 (S)			106	%	106	(70-130)		
MBLK	1,2-Dichloroethane-d4 (S)			106	%	106	(70-130)		
MRL_CHK	1,2-Dichloroethane-d4 (S)			106	%	106	(70-130)		
MRLLW	1,2-Dichloroethane-d4 (S)			112	%	112	(70-130)		
LCS1	1,2-Dichloropropane		5.0	5.49	ug/L	110	(70-130)		
LCS2	1,2-Dichloropropane		5.0	4.91	ug/L	98	(70-130)	20	11
MBLK	1,2-Dichloropropane			<0.25	ug/L				
MRL_CHK	1,2-Dichloropropane		0.5	0.450	ug/L	90	(50-150)		
LCS1	4-Bromofluorobenzene (S)			96.4	%	96	(70-130)		
LCS2	4-Bromofluorobenzene (S)			101	%	101	(70-130)		
MBLK	4-Bromofluorobenzene (S)			104	%	104	(70-130)		
MRL_CHK	4-Bromofluorobenzene (S)			102	%	102	(70-130)		
MRLLW	4-Bromofluorobenzene (S)			99.0	%	99	(70-130)		
LCS1	Benzene		5.0	5.52	ug/L	110	(70-130)		
LCS2	Benzene		5.0	4.92	ug/L	98	(70-130)	20	12
MBLK	Benzene			<0.25	ug/L				
MRL_CHK	Benzene		0.5	0.470	ug/L	94	(50-150)		
LCS1	Bromodichloromethane		5.0	5.68	ug/L	114	(70-130)		
LCS2	Bromodichloromethane		5.0	5.29	ug/L	106	(70-130)	20	7.1
MBLK	Bromodichloromethane			<0.25	ug/L				
MRL_CHK	Bromodichloromethane		0.5	0.430	ug/L	86	(50-150)		
LCS1	Bromoform		5.0	4.77	ug/L	95	(70-130)		
LCS2	Bromoform		5.0	4.64	ug/L	93	(70-130)	20	2.8
MBLK	Bromoform			<0.25	ug/L				
MRL_CHK	Bromoform		0.5	0.370	ug/L	74	(50-150)		
LCS1	Carbon Tetrachloride		5.0	5.8	ug/L	116	(70-130)		
LCS2	Carbon Tetrachloride		5.0	5.05	ug/L	101	(70-130)	20	14
MBLK	Carbon Tetrachloride			<0.25	ug/L				
MRL_CHK	Carbon Tetrachloride		0.5	0.560	ug/L	112	(50-150)		
LCS1	Chlorobenzene		5.0	5.5	ug/L	110	(70-130)		

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used.
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385469

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	Chlorobenzene		5.0	4.97	ug/L	99	(70-130)	20	10
MBLK	Chlorobenzene			<0.25	ug/L				
MRL_CHK	Chlorobenzene		0.5	0.450	ug/L	90	(50-150)		
LCS1	Chlorodibromomethane		5.0	5.59	ug/L	112	(70-130)		
LCS2	Chlorodibromomethane		5.0	5.18	ug/L	104	(70-130)	20	7.6
MBLK	Chlorodibromomethane			<0.25	ug/L				
MRL_CHK	Chlorodibromomethane		0.5	0.420	ug/L	84	(50-150)		
LCS1	Chloroform (Trichloromethane)		5.0	5.94	ug/L	119	(70-130)		
LCS2	Chloroform (Trichloromethane)		5.0	5.31	ug/L	106	(70-130)	20	11
MBLK	Chloroform (Trichloromethane)			<0.25	ug/L				
MRL_CHK	Chloroform (Trichloromethane)		0.5	0.510	ug/L	102	(50-150)		
LCS1	cis-1,2-Dichloroethylene		5.0	5.67	ug/L	113	(70-130)		
LCS2	cis-1,2-Dichloroethylene		5.0	5.19	ug/L	104	(70-130)	20	8.8
MBLK	cis-1,2-Dichloroethylene			<0.25	ug/L				
MRL_CHK	cis-1,2-Dichloroethylene		0.5	0.410	ug/L	82	(50-150)		
LCS1	cis-1,3-Dichloropropene		5.0	5.52	ug/L	110	(70-130)		
LCS2	cis-1,3-Dichloropropene		5.0	5.03	ug/L	101	(70-130)	20	9.3
MBLK	cis-1,3-Dichloropropene			<0.25	ug/L				
MRL_CHK	cis-1,3-Dichloropropene		0.5	0.440	ug/L	88	(50-150)		
LCS1	Dichloromethane		5.0	5.38	ug/L	108	(70-130)		
LCS2	Dichloromethane		5.0	5.03	ug/L	101	(70-130)	20	6.7
MBLK	Dichloromethane			<0.25	ug/L				
MRL_CHK	Dichloromethane		0.5	0.510	ug/L	102	(50-150)		
LCS1	Ethyl benzene		5.0	6.00	ug/L	120	(70-130)		
LCS2	Ethyl benzene		5.0	5.13	ug/L	103	(70-130)	20	16
MBLK	Ethyl benzene			<0.25	ug/L				
MRL_CHK	Ethyl benzene		0.5	0.430	ug/L	86	(50-150)		
LCS1	m,p-Xylenes		10	11.8	ug/L	118	(70-130)		
LCS2	m,p-Xylenes		10	10.3	ug/L	103	(70-130)	20	14
MBLK	m,p-Xylenes			<0.25	ug/L				
MRL_CHK	m,p-Xylenes		1.0	0.820	ug/L	82	(50-150)		
MRLLW	m,p-Xylenes		0.5	0.500	ug/L	100	(50-150)		
LCS1	Methyl Tert-butyl ether (MTBE)		5.0	5.57	ug/L	111	(70-130)		
LCS2	Methyl Tert-butyl ether (MTBE)		5.0	5.01	ug/L	100	(70-130)	20	11
MBLK	Methyl Tert-butyl ether (MTBE)			<0.25	ug/L				

Spike recovery is already corrected for native results.
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Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MRL_CHK	Methyl Tert-butyl ether (MTBE)		0.5	0.480	ug/L	96	(50-150)		
LCS1	o-Dichlorobenzene (1,2-DCB)		5.0	5.51	ug/L	110	(70-130)		
LCS2	o-Dichlorobenzene (1,2-DCB)		5.0	5.16	ug/L	103	(70-130)	20	6.6
MBLK	o-Dichlorobenzene (1,2-DCB)			<0.25	ug/L				
MRL_CHK	o-Dichlorobenzene (1,2-DCB)		0.5	0.500	ug/L	100	(50-150)		
LCS1	o-Xylene		5.0	5.67	ug/L	113	(70-130)		
LCS2	o-Xylene		5.0	5.3	ug/L	106	(70-130)	20	6.8
MBLK	o-Xylene			<0.25	ug/L				
MRL_CHK	o-Xylene		0.5	0.440	ug/L	88	(50-150)		
LCS1	p-Dichlorobenzene (1,4-DCB)		5.0	5.41	ug/L	108	(70-130)		
LCS2	p-Dichlorobenzene (1,4-DCB)		5.0	5.01	ug/L	100	(70-130)	20	7.7
MBLK	p-Dichlorobenzene (1,4-DCB)			<0.25	ug/L				
MRL_CHK	p-Dichlorobenzene (1,4-DCB)		0.5	0.500	ug/L	100	(50-150)		
LCS1	Styrene		5.0	5.95	ug/L	119	(70-130)		
LCS2	Styrene		5.0	5.53	ug/L	111	(70-130)	20	7.3
MBLK	Styrene			<0.25	ug/L				
MRL_CHK	Styrene		0.5	0.370	ug/L	74	(50-150)		
LCS1	Tetrachloroethylene (PCE)		5.0	5.06	ug/L	101	(70-130)		
LCS2	Tetrachloroethylene (PCE)		5.0	4.84	ug/L	97	(70-130)	20	4.4
MBLK	Tetrachloroethylene (PCE)			<0.25	ug/L				
MRL_CHK	Tetrachloroethylene (PCE)		0.5	0.460	ug/L	92	(50-150)		
LCS1	Toluene		5.0	5.76	ug/L	115	(70-130)		
LCS2	Toluene		5.0	5.19	ug/L	104	(70-130)	20	10
MBLK	Toluene			<0.25	ug/L				
MRL_CHK	Toluene		0.5	0.480	ug/L	96	(50-150)		
LCS1	Toluene-d8 (S)			103	%	103	(70-130)		
LCS2	Toluene-d8 (S)			101	%	101	(70-130)		
MBLK	Toluene-d8 (S)			96.4	%	96	(70-130)		
MRL_CHK	Toluene-d8 (S)			96.4	%	96	(70-130)		
MRLLW	Toluene-d8 (S)			93.8	%	94	(70-130)		
LCS1	trans-1,2-Dichloroethylene		5.0	5.29	ug/L	106	(70-130)		
LCS2	trans-1,2-Dichloroethylene		5.0	4.91	ug/L	98	(70-130)	20	7.5
MBLK	trans-1,2-Dichloroethylene			<0.25	ug/L				
MRL_CHK	trans-1,2-Dichloroethylene		0.5	0.460	ug/L	92	(50-150)		
LCS1	trans-1,3-Dichloropropene		5.0	5.75	ug/L	115	(70-130)		

Spike recovery is already corrected for native results.
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Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	trans-1,3-Dichloropropene		5.0	5.2	ug/L	104	(70-130)	20	10
MBLK	trans-1,3-Dichloropropene			<0.25	ug/L				
MRL_CHK	trans-1,3-Dichloropropene		0.5	0.400	ug/L	80	(50-150)		
LCS1	Trichloroethylene (TCE)		5.0	5.66	ug/L	113	(70-130)		
LCS2	Trichloroethylene (TCE)		5.0	4.87	ug/L	97	(70-130)	20	15
MBLK	Trichloroethylene (TCE)			<0.25	ug/L				
MRL_CHK	Trichloroethylene (TCE)		0.5	0.470	ug/L	94	(50-150)		
LCS1	Trichlorofluoromethane		5.0	6.2	ug/L	124	(70-130)		
LCS2	Trichlorofluoromethane		5.0	5.52	ug/L	110	(70-130)	20	12
MBLK	Trichlorofluoromethane			<0.25	ug/L				
MRL_CHK	Trichlorofluoromethane		0.5	0.380	ug/L	76	(50-150)		
LCS1	Trichlorotrifluoroethane(Freon		5.0	5.64	ug/L	113	(70-130)		
LCS2	Trichlorotrifluoroethane(Freon		5.0	4.95	ug/L	99	(70-130)	20	13
MBLK	Trichlorotrifluoroethane(Freon			<0.25	ug/L				
MRL_CHK	Trichlorotrifluoroethane(Freon		0.5	0.420	ug/L	84	(50-150)		
LCS1	Vinyl chloride (VC)		5.0	5.68	ug/L	114	(70-130)		
LCS2	Vinyl chloride (VC)		5.0	4.95	ug/L	99	(70-130)	20	14
MBLK	Vinyl chloride (VC)			<0.15	ug/L				
MRL_CHK	Vinyl chloride (VC)		0.5	0.430	ug/L	86	(50-150)		
MRLLW	Vinyl chloride (VC)		0.25	0.240	ug/L	96	(50-150)		
QC Ref# 634357 - ICP Metals by EPA 200.7					**Analysis Date: 01/17/2012**				
LCS1	Calcium Total ICAP		50	49.9	mg/L	100	(85-115)		
LCS2	Calcium Total ICAP		50	49.3	mg/L	99	(85-115)	20	1.2
MBLK	Calcium Total ICAP			<1	mg/L				
MRL_CHK	Calcium Total ICAP		1.0	0.971	mg/L	97	(50-150)		
MS_201201110263	Calcium Total ICAP	4.1	50	53.7	mg/L	99	(70-130)		
MS2_201201110264	Calcium Total ICAP	ND	50	50.5	mg/L	101	(70-130)		
MSD_201201110263	Calcium Total ICAP	4.1	50	53.1	mg/L	98	(70-130)	20	1.1
MSD2_201201110264	Calcium Total ICAP	ND	50	50.3	mg/L	101	(70-130)	20	0.40
LCS1	Iron Total ICAP		5.0	4.91	mg/L	98	(85-115)		
LCS2	Iron Total ICAP		5.0	4.9	mg/L	98	(85-115)	20	0.20
MBLK	Iron Total ICAP			<0.02	mg/L				
MRL_CHK	Iron Total ICAP		0.02	0.0211	mg/L	106	(50-150)		
MS_201201110263	Iron Total ICAP	ND	5.0	4.9	mg/L	98	(70-130)		
MS2_201201110264	Iron Total ICAP	ND	5.0	5.01	mg/L	100	(70-130)		

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MSD_201201110263	Iron Total ICAP	ND	5.0	4.89	mg/L	98	(70-130)	20	0.20
MSD2_201201110264	Iron Total ICAP	ND	5.0	4.97	mg/L	99	(70-130)	20	0.80
LCS1	Magnesium Total ICAP		20	20.4	mg/L	102	(85-115)		
LCS2	Magnesium Total ICAP		20	20.3	mg/L	101	(85-115)	20	0.49
MBLK	Magnesium Total ICAP			<0.1	mg/L				
MRL_CHK	Magnesium Total ICAP		0.1	0.106	mg/L	106	(50-150)		
MS_201201110263	Magnesium Total ICAP	1.9	20	22.2	mg/L	101	(70-130)		
MS2_201201110264	Magnesium Total ICAP	3.1	20	23.6	mg/L	102	(70-130)		
MSD_201201110263	Magnesium Total ICAP	1.9	20	22.0	mg/L	100	(70-130)	20	0.91
MSD2_201201110264	Magnesium Total ICAP	3.1	20	23.5	mg/L	102	(70-130)	20	0.43
LCS1	Potassium Total ICAP		20	19.5	mg/L	97	(85-115)		
LCS2	Potassium Total ICAP		20	19.3	mg/L	97	(85-115)	20	1.0
MBLK	Potassium Total ICAP			<1	mg/L				
MRL_CHK	Potassium Total ICAP		1.0	1.03	mg/L	103	(50-150)		
MS_201201110263	Potassium Total ICAP	4.1	20	23.2	mg/L	95	(70-130)		
MS2_201201110264	Potassium Total ICAP	3	20	22.4	mg/L	96	(70-130)		
MSD_201201110263	Potassium Total ICAP	4.1	20	23.2	mg/L	95	(70-130)	20	0.0
MSD2_201201110264	Potassium Total ICAP	3	20	22.4	mg/L	96	(70-130)	20	0.0
LCS1	Sodium Total ICAP		50	49.3	mg/L	99	(85-115)		
LCS2	Sodium Total ICAP		50	48.8	mg/L	98	(85-115)	20	1.0
MBLK	Sodium Total ICAP			<1	mg/L				
MRL_CHK	Sodium Total ICAP		1.0	1.07	mg/L	107	(50-150)		
MS_201201110263	Sodium Total ICAP	ND	50	49.2	mg/L	98	(70-130)		
MS2_201201110264	Sodium Total ICAP	1.8	50	50.7	mg/L	98	(70-130)		
MSD_201201110263	Sodium Total ICAP	ND	50	48.7	mg/L	97	(70-130)	20	1.0
MSD2_201201110264	Sodium Total ICAP	1.8	50	50.6	mg/L	98	(70-130)	20	0.20

QC Ref# 634370 - Surfactants by SM 5540C/EPA 425.1 **Analysis Date: 01/12/2012**

LCS1	Surfactants		0.2	0.204	mg/L	102	(90-110)		
LCS2	Surfactants		0.2	0.198	mg/L	99	(90-110)	20	3.0
MBLK	Surfactants			<0.05	mg/L				
MRL_CHK	Surfactants		0.05	0.0410	mg/L	82	(50-150)		
MS_201201120234	Surfactants	ND	0.2	0.209	mg/L	105	(80-120)		
MSD_201201120234	Surfactants	ND	0.2	0.213	mg/L	106	(80-120)	20	1.9

QC Ref# 634392 - Organochlorine Pesticides/PCBs by EPA 505 **Analysis Date: 01/14/2012**

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
CCCH	Alachlor (Alanex)		1.0	0.988	ug/L	99	(70-130)		
CCCH	Alachlor (Alanex)		1.0	1.06	ug/L	106	(70-130)		
MBLK	Alachlor (Alanex)			<0.1	ug/L				
MRL_CHK	Alachlor (Alanex)		0.1	0.116	ug/L	116	(50-150)		
MS1_201201090048	Alachlor (Alanex)	ND	0.2	0.213	ug/L	98	(65-135)		
MS2_201201100055	Alachlor (Alanex)	ND	1.0	0.914	ug/L	91	(65-135)		
CCCH	Chlordane		0.5	0.434	ug/L	87	(70-130)		
MBLK	Chlordane			<0.1	ug/L				
MRL_CHK	Chlordane		0.1	0.0746	ug/L	75	(50-150)		
MS1_201201090048	Chlordane	ND	0.5	0.481	ug/L	96	(65-135)		
MS2_201201100055	Chlordane	ND	0.5	0.471	ug/L	94	(65-135)		
CCCH	Endrin		0.1	0.0984	ug/L	98	(70-130)		
CCCH	Endrin		0.1	0.107	ug/L	107	(70-130)		
MBLK	Endrin			<0.01	ug/L				
MRL_CHK	Endrin		0.01	0.0105	ug/L	105	(50-150)		
MS1_201201090048	Endrin	ND	0.02	0.0195	ug/L	98	(65-135)		
MS2_201201100055	Endrin	ND	0.1	0.0905	ug/L	91	(65-135)		
CCCH	Heptachlor		0.1	0.0981	ug/L	98	(70-130)		
CCCH	Heptachlor		0.1	0.106	ug/L	106	(70-130)		
MBLK	Heptachlor			<0.01	ug/L				
MRL_CHK	Heptachlor		0.01	0.0109	ug/L	109	(50-150)		
MS1_201201090048	Heptachlor	ND	0.02	0.0194	ug/L	97	(65-135)		
MS2_201201100055	Heptachlor	ND	0.1	0.0884	ug/L	88	(65-135)		
CCCH	Heptachlor Epoxide		0.1	0.115	ug/L	115	(70-130)		
CCCH	Heptachlor Epoxide		0.1	0.107	ug/L	107	(70-130)		
MBLK	Heptachlor Epoxide			<0.01	ug/L				
MRL_CHK	Heptachlor Epoxide		0.01	0.0114	ug/L	114	(50-150)		
MS1_201201090048	Heptachlor Epoxide	ND	0.02	0.0199	ug/L	100	(65-135)		
MS2_201201100055	Heptachlor Epoxide	ND	0.1	0.0962	ug/L	96	(65-135)		
CCCH	Lindane (gamma-BHC)		0.1	0.0986	ug/L	99	(70-130)		
CCCH	Lindane (gamma-BHC)		0.1	0.101	ug/L	101	(70-130)		
MBLK	Lindane (gamma-BHC)			<0.01	ug/L				
MRL_CHK	Lindane (gamma-BHC)		0.01	0.0104	ug/L	104	(50-150)		
MS1_201201090048	Lindane (gamma-BHC)	ND	0.02	0.0192	ug/L	96	(65-135)		
MS2_201201100055	Lindane (gamma-BHC)	ND	0.1	0.0947	ug/L	91	(65-135)		

Spike recovery is already corrected for native results.
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(S) Indicates surrogate compound.
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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385469

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
CCCH	Methoxychlor		0.5	0.412	ug/L	82	(70-130)		
CCCH	Methoxychlor		0.5	0.367	ug/L	73	(70-130)		
MBLK	Methoxychlor			<0.05	ug/L				
MRL_CHK	Methoxychlor		0.05	0.0382	ug/L	76	(50-150)		
MS1_201201090048	Methoxychlor	ND	0.1	0.0931	ug/L	93	(65-135)		
MS2_201201100055	Methoxychlor	ND	0.5	0.353	ug/L	71	(65-135)		
MBLK	PCB 1016 Aroclor			<0.08	ug/L				
MBLK	PCB 1221 Aroclor			<0.1	ug/L				
MBLK	PCB 1232 Aroclor			<0.1	ug/L				
MBLK	PCB 1242 Aroclor			<0.1	ug/L				
MBLK	PCB 1248 Aroclor			<0.1	ug/L				
MBLK	PCB 1254 Aroclor			<0.1	ug/L				
MBLK	PCB 1260 Aroclor			<0.1	ug/L				
CCCH	Tetrachlorometaxylene (S)			97.5	%	98	(70-130)		
CCCH	Tetrachlorometaxylene (S)			103	%	103	(70-130)		
MBLK	Tetrachlorometaxylene (S)			90.2	%	90	(70-130)		
MRL_CHK	Tetrachlorometaxylene (S)			95.7	%	96	(70-130)		
MS1_201201090048	Tetrachlorometaxylene (S)			89.7	%	90	(70-130)		
MS2_201201100055	Tetrachlorometaxylene (S)			83.6	%	84	(70-130)		
MBLK	Total PCBs			<0.08	ug/L				
MBLK	Toxaphene			<0.5	ug/L				
QC Ref# 634497 - Diquat and Paraquat by EPA 549.2					**Analysis Date: 01/13/2012**				
CCCL	Diquat		0.4	0.395	ug/L	99	(80-120)		
CCCM	Diquat		10	10.0	ug/L	100	(80-120)		
LCS1	Diquat		5.0	4.64	ug/L	93	(70-130)		
LCS2	Diquat		5.0	4.38	ug/L	88	(70-130)	20	5.8
MBLK	Diquat			<0.2	ug/L				
MRL_CHK	Diquat		0.4	0.364	ug/L	91	(50-150)		
MS_201201120234	Diquat	ND	5.0	4.62	ug/L	92	(70-130)		
MS2_201201120232	Diquat	ND	5.0	4.78	ug/L	96	(70-130)		
MSD_201201120234	Diquat	ND	5.0	4.57	ug/L	92	(70-130)	20	1.1
QC Ref# 634524 - Perchlorate by EPA 314.0					**Analysis Date: 01/18/2012**				
LCS1	Perchlorate		25	26.0	ug/L	104	(85-115)		
LCS2	Perchlorate		25	26.2	ug/L	105	(85-115)	15	0.77

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.6	ug/L	115	(75-125)		
MS_201201120438	Perchlorate	ND	25	25.5	ug/L	102	(80-120)		
MSD_201201120438	Perchlorate	ND	25	25.6	ug/L	103	(80-120)	15	0.39
QC Ref# 634547 - Turbidity by EPA 180.1						**Analysis Date: 01/12/2012**			
DUP1_201201110394	Turbidity	ND		0.0420	NTU		(0-10)	10	4.9
LCS1	Turbidity		20	20.3	NTU	102	(90-110)		
LCS2	Turbidity		20	20.6	NTU	103	(90-110)	20	1.5
MBLK	Turbidity			<0.05	NTU				
MRL_CHK	Turbidity		0.05	0.0600	NTU	120	(50-150)		
QC Ref# 634573 - Odor at 60 C (TON) by SM 2150B						**Analysis Date: 01/12/2012**			
DUP1_201201110394	Odor at 60 C (TON)	ND		ND	TON		(0-20)		
MBLK	Odor at 60 C (TON)			<1	TON				
QC Ref# 634628 - EDB/DBCP/HAN by EPA 551.1 by EPA 551.1						**Analysis Date: 01/13/2012**			
CCC3	1,2-Dibromopropane (S)			94.8	%	95	(80-120)		
CCCM2	1,2-Dibromopropane (S)			104	%	104	(80-120)		
DUP1_201201100276	1,2-Dibromopropane (S)			105	%	105	(80-120)		
DUP2_201201110418	1,2-Dibromopropane (S)			101	%	101	(80-120)		
LCS2	1,2-Dibromopropane (S)			102	%	102	(80-120)		
MBLK	1,2-Dibromopropane (S)			107	%	107	(80-120)		
MRL_CHK	1,2-Dibromopropane (S)			109	%	109	(80-120)		
MS_201201110417	1,2-Dibromopropane (S)			102	%	102	(80-120)		
MS2_201201100254	1,2-Dibromopropane (S)			104	%	104	(80-120)		
CCC3	Dibromochloropropane (DBCP)		0.25	0.219	ug/L	87	(80-120)		
CCCM2	Dibromochloropropane (DBCP)		0.05	0.0461	ug/L	92	(80-120)		
DUP1_201201100276	Dibromochloropropane (DBCP)	ND		ND	ug/L		(0-20)		
DUP2_201201110418	Dibromochloropropane (DBCP)	ND		ND	ug/L		(0-20)		
LCS2	Dibromochloropropane (DBCP)		0.02	0.0184	ug/L	92	(80-120)		
MBLK	Dibromochloropropane (DBCP)			<0.01	ug/L				
MRL_CHK	Dibromochloropropane (DBCP)		0.01	0.00830	ug/L	83	(50-150)		
MS_201201110417	Dibromochloropropane (DBCP)	0.041	0.25	0.287	ug/L	98	(80-120)		
MS2_201201100254	Dibromochloropropane (DBCP)	ND	0.05	0.0417	ug/L	83	(80-120)		
CCC3	Ethylene Dibromide (EDB)		0.25	0.215	ug/L	86	(80-120)		
CCCM2	Ethylene Dibromide (EDB)		0.05	0.0500	ug/L	100	(80-120)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
DUP1_201201100276	Ethylene Dibromide (EDB)	ND		ND	ug/L		(0-20)		
DUP2_201201110418	Ethylene Dibromide (EDB)	ND		ND	ug/L		(0-20)		
LCS2	Ethylene Dibromide (EDB)		0.02	0.0214	ug/L	107	(80-120)		
MBLK	Ethylene Dibromide (EDB)			<0.01	ug/L				
MRL_CHK	Ethylene Dibromide (EDB)		0.01	0.00880	ug/L	88	(50-150)		
MS_201201110417	Ethylene Dibromide (EDB)	ND	0.25	0.243	ug/L	97	(80-120)		
MS2_201201100254	Ethylene Dibromide (EDB)	ND	0.05	0.0402	ug/L	80	(80-120)		
QC Ref# 634650 - Endothall by EPA 548.1					**Analysis Date: 01/17/2012**				
LCS1	Endothall		25	23.2	ug/L	93	(63-144)		
MBLK	Endothall			<5	ug/L				
MRL_CHK	Endothall		5.0	5.11	ug/L	102	(50-150)		
MS_201201120232	Endothall	ND	25	20.5	ug/L	82	(38-157)		
QC Ref# 634701 - Semivolatiles by GCMS by EPA 525.2					**Analysis Date: 01/17/2012**				
LCS1	1,3-Dimethyl-2-nitrobenzene (S)			96.9	%	97	(70-130)		
LCS2	1,3-Dimethyl-2-nitrobenzene (S)			91.7	%	92	(70-130)		
MBLK	1,3-Dimethyl-2-nitrobenzene (S)			96.8	%	97	(70-130)		
MRL_CHK	1,3-Dimethyl-2-nitrobenzene (S)			97.0	%	97	(70-130)		
MS_201201110368	1,3-Dimethyl-2-nitrobenzene (S)			101	%	101	(70-130)		
LCS1	Acenaphthene-d10 (I)			120	%	120	(50-150)		
LCS2	Acenaphthene-d10 (I)			118	%	118	(50-150)		
MBLK	Acenaphthene-d10 (I)			111	%	111	(50-150)		
MRL_CHK	Acenaphthene-d10 (I)			109	%	109	(50-150)		
MS_201201110368	Acenaphthene-d10 (I)			99.2	%	99	(50-150)		
LCS1	Alachlor		2.0	1.9	ug/L	95	(70-130)		
LCS2	Alachlor		2.0	1.92	ug/L	96	(70-130)	20	1.1
MBLK	Alachlor			<0.025	ug/L				
MRL_CHK	Alachlor		0.05	0.0510	ug/L	102	(50-150)		
MS_201201110368	Alachlor	ND	2.0	2.00	ug/L	100	(70-130)		
LCS1	Atrazine		2.0	2.01	ug/L	101	(70-130)		
LCS2	Atrazine		2.0	2.00	ug/L	100	(70-130)	20	0.50
MBLK	Atrazine			<0.025	ug/L				
MRL_CHK	Atrazine		0.05	0.0550	ug/L	110	(50-150)		
MS_201201110368	Atrazine	ND	2.0	2.04	ug/L	102	(70-130)		
LCS1	Benzo(a)pyrene		2.0	1.93	ug/L	97	(70-130)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	Benzo(a)pyrene		2.0	1.91	ug/L	96	(70-130)	20	1.0
MBLK	Benzo(a)pyrene			<0.01	ug/L				
MRL_CHK	Benzo(a)pyrene		0.02	0.0150	ug/L	75	(50-150)		
MS_201201110368	Benzo(a)pyrene	ND	2.0	1.9	ug/L	95	(70-130)		
LCS1	Chrysene-d12 (I)			128	%	128	(50-150)		
LCS2	Chrysene-d12 (I)			127	%	127	(50-150)		
MBLK	Chrysene-d12 (I)			114	%	114	(50-150)		
MRL_CHK	Chrysene-d12 (I)			108	%	108	(50-150)		
MS_201201110368	Chrysene-d12 (I)			97.5	%	98	(50-150)		
LCS1	Di-(2-Ethylhexyl)adipate		2.0	1.83	ug/L	91	(70-130)		
LCS2	Di-(2-Ethylhexyl)adipate		2.0	1.86	ug/L	93	(70-130)	20	1.6
MBLK	Di-(2-Ethylhexyl)adipate			<0.15	ug/L				
MRL_CHK	Di-(2-Ethylhexyl)adipate		0.3	0.280	ug/L	93	(50-150)		
MS_201201110368	Di-(2-Ethylhexyl)adipate	ND	2.0	1.72	ug/L	86	(70-130)		
LCS1	Di(2-Ethylhexyl)phthalate		2.0	1.89	ug/L	95	(70-130)		
LCS2	Di(2-Ethylhexyl)phthalate		2.0	1.92	ug/L	96	(70-130)	20	1.6
MBLK	Di(2-Ethylhexyl)phthalate			<0.15	ug/L				
MRL_CHK	Di(2-Ethylhexyl)phthalate		0.6	0.665	ug/L	111	(50-150)		
MS_201201110368	Di(2-Ethylhexyl)phthalate	ND	2.0	1.84	ug/L	92	(70-130)		
LCS1	Hexachlorobenzene		2.0	1.88	ug/L	94	(70-130)		
LCS2	Hexachlorobenzene		2.0	1.89	ug/L	95	(70-130)	20	0.53
MBLK	Hexachlorobenzene			<0.025	ug/L				
MRL_CHK	Hexachlorobenzene		0.05	0.0490	ug/L	98	(50-150)		
MS_201201110368	Hexachlorobenzene	ND	2.0	1.84	ug/L	92	(70-130)		
LCS1	Hexachlorocyclopentadiene		2.0	1.63	ug/L	82	(70-130)		
LCS2	Hexachlorocyclopentadiene		2.0	1.7	ug/L	85	(70-130)	20	4.2
MBLK	Hexachlorocyclopentadiene			<0.025	ug/L				
MRL_CHK	Hexachlorocyclopentadiene		0.05	0.0570	ug/L	114	(50-150)		
MS_201201110368	Hexachlorocyclopentadiene	ND	2.0	1.75	ug/L	87	(70-130)		
LCS1	Molinate		2.0	1.94	ug/L	97	(70-130)		
LCS2	Molinate		2.0	1.87	ug/L	94	(70-130)	20	3.7
MBLK	Molinate			<0.05	ug/L				
MRL_CHK	Molinate		0.1	0.100	ug/L	100	(50-150)		
MS_201201110368	Molinate	ND	2.0	1.93	ug/L	97	(70-130)		
LCS1	Perylene-d12 (S)			92.1	%	92	(70-130)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	Perylene-d12 (S)			92.6	%	93	(70-130)		
MBLK	Perylene-d12 (S)			80.6	%	81	(70-130)		
MRL_CHK	Perylene-d12 (S)			80.7	%	81	(70-130)		
MS_201201110368	Perylene-d12 (S)			91.2	%	91	(70-130)		
LCS1	Phenanthrene-d10 (I)			130	%	130	(50-150)		
LCS2	Phenanthrene-d10 (I)			127	%	127	(50-150)		
MBLK	Phenanthrene-d10 (I)			116	%	116	(50-150)		
MRL_CHK	Phenanthrene-d10 (I)			117	%	117	(50-150)		
MS_201201110368	Phenanthrene-d10 (I)			103	%	103	(50-150)		
LCS1	Simazine		2.0	1.83	ug/L	91	(70-130)		
LCS2	Simazine		2.0	1.87	ug/L	94	(70-130)	20	2.2
MBLK	Simazine			<0.025	ug/L				
MRL_CHK	Simazine		0.05	0.0480	ug/L	96	(50-150)		
MS_201201110368	Simazine	ND	2.0	1.95	ug/L	97	(70-130)		
LCS1	Thiobencarb		2.0	1.85	ug/L	93	(70-130)		
LCS2	Thiobencarb		2.0	1.87	ug/L	93	(70-130)	20	1.1
MBLK	Thiobencarb			<0.1	ug/L				
MRL_CHK	Thiobencarb		0.1	0.0880	ug/L	88	(50-150)		
MS_201201110368	Thiobencarb	ND	2.0	1.94	ug/L	97	(70-130)		
LCS1	Triphenylphosphate (S)			102	%	102	(70-130)		
LCS2	Triphenylphosphate (S)			101	%	101	(70-130)		
MBLK	Triphenylphosphate (S)			102	%	102	(70-130)		
MRL_CHK	Triphenylphosphate (S)			100	%	100	(70-130)		
MS_201201110368	Triphenylphosphate (S)			101	%	101	(70-130)		
QC Ref# 634786 - Endothall by EPA 548.1					**Analysis Date: 01/18/2012**				
MS_2ND_201201120234	Endothall	ND	25	20.3	ug/L	81	(38-157)		
MSD_201201120232	Endothall	ND	25	22.4	ug/L	90	(38-157)	30	8.9
QC Ref# 634980 - ICPMS Metals by EPA 200.8					**Analysis Date: 01/19/2012**				
LCS1	Silver Total ICAP/MS		50	51.0	ug/L	102	(85-115)		
LCS2	Silver Total ICAP/MS		50	50.8	ug/L	102	(85-115)	20	0.39
MBLK	Silver Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Silver Total ICAP/MS		0.5	0.501	ug/L	100	(50-150)		
MS_201201110394	Silver Total ICAP/MS	ND	50	53.7	ug/L	107	(70-130)		
MSD_201201110394	Silver Total ICAP/MS	ND	50	53.6	ug/L	107	(70-130)	20	0.19

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(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 634985 - ICPMS Metals by EPA 200.8						**Analysis Date: 01/20/2012**			
LCS1	Aluminum Total ICAP/MS		200	199	ug/L	100	(85-115)		
LCS2	Aluminum Total ICAP/MS		200	195	ug/L	98	(85-115)	20	2.0
MBLK	Aluminum Total ICAP/MS			<20	ug/L				
MRL_CHK	Aluminum Total ICAP/MS		20	21.2	ug/L	106	(50-150)		
MS_201201110394	Aluminum Total ICAP/MS	ND	200	195	ug/L	97	(70-130)		
MSD_201201110394	Aluminum Total ICAP/MS	ND	200	183	ug/L	91	(70-130)	20	6.3
LCS1	Antimony Total ICAP/MS		50	50.5	ug/L	101	(85-115)		
LCS2	Antimony Total ICAP/MS		50	50.1	ug/L	100	(85-115)	20	0.80
MBLK	Antimony Total ICAP/MS			<1	ug/L				
MRL_CHK	Antimony Total ICAP/MS		1.0	0.970	ug/L	97	(50-150)		
MS_201201110394	Antimony Total ICAP/MS	ND	50	48.5	ug/L	97	(70-130)		
MSD_201201110394	Antimony Total ICAP/MS	ND	50	46.6	ug/L	93	(70-130)	20	4.0
LCS1	Arsenic Total ICAP/MS		20	18.2	ug/L	91	(85-115)		
LCS2	Arsenic Total ICAP/MS		20	18.2	ug/L	91	(85-115)	20	0.0
MBLK	Arsenic Total ICAP/MS			<1	ug/L				
MRL_CHK	Arsenic Total ICAP/MS		1.0	0.968	ug/L	97	(50-150)		
MS_201201110394	Arsenic Total ICAP/MS	ND	20	18.5	ug/L	92	(70-130)		
MSD_201201110394	Arsenic Total ICAP/MS	ND	20	17.4	ug/L	87	(70-130)	20	6.1
LCS1	Barium Total ICAP/MS		100	98.9	ug/L	99	(85-115)		
LCS2	Barium Total ICAP/MS		100	94.6	ug/L	95	(85-115)	20	4.4
MBLK	Barium Total ICAP/MS			<2	ug/L				
MRL_CHK	Barium Total ICAP/MS		2.0	1.93	ug/L	96	(50-150)		
MS_201201110394	Barium Total ICAP/MS	ND	100	93.8	ug/L	94	(70-130)		
MSD_201201110394	Barium Total ICAP/MS	ND	100	85.2	ug/L	85	(70-130)	20	9.6
LCS1	Beryllium Total ICAP/MS		5.0	4.59	ug/L	92	(85-115)		
LCS2	Beryllium Total ICAP/MS		5.0	4.61	ug/L	92	(85-115)	20	0.22
MBLK	Beryllium Total ICAP/MS			<1	ug/L				
MRL_CHK	Beryllium Total ICAP/MS		1.0	0.926	ug/L	93	(50-150)		
MS_201201110394	Beryllium Total ICAP/MS	ND	5.0	4.6	ug/L	92	(70-130)		
MSD_201201110394	Beryllium Total ICAP/MS	ND	5.0	4.34	ug/L	87	(70-130)	20	5.6
LCS1	Cadmium Total ICAP/MS		20	18.7	ug/L	94	(85-115)		
LCS2	Cadmium Total ICAP/MS		20	18.5	ug/L	92	(85-115)	20	1.1
MBLK	Cadmium Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Cadmium Total ICAP/MS		0.5	0.465	ug/L	93	(50-150)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385469

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS_201201110394	Cadmium Total ICAP/MS	ND	20	19.2	ug/L	96	(70-130)		
MSD_201201110394	Cadmium Total ICAP/MS	ND	20	18.0	ug/L	90	(70-130)	20	6.5
LCS1	Chromium Total ICAP/MS		100	92.5	ug/L	93	(85-115)		
LCS2	Chromium Total ICAP/MS		100	91.9	ug/L	92	(85-115)	20	0.76
MBLK	Chromium Total ICAP/MS			<1	ug/L				
MRL_CHK	Chromium Total ICAP/MS		1.0	0.822	ug/L	82	(50-150)		
MS_201201110394	Chromium Total ICAP/MS	ND	100	90.8	ug/L	91	(70-130)		
MSD_201201110394	Chromium Total ICAP/MS	ND	100	85.3	ug/L	85	(70-130)	20	6.3
LCS1	Copper Total ICAP/MS		100	99.9	ug/L	100	(85-115)		
LCS2	Copper Total ICAP/MS		100	99.6	ug/L	100	(85-115)	20	0.30
MBLK	Copper Total ICAP/MS			<2	ug/L				
MRL_CHK	Copper Total ICAP/MS		2.0	1.98	ug/L	99	(50-150)		
MS_201201110394	Copper Total ICAP/MS	ND	100	99.9	ug/L	100	(70-130)		
MSD_201201110394	Copper Total ICAP/MS	ND	100	94.1	ug/L	94	(70-130)	20	6.0
LCS1	Lead Total ICAP/MS		20	19.2	ug/L	96	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.1	ug/L	96	(85-115)	20	0.52
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.469	ug/L	94	(50-150)		
MS_201201110394	Lead Total ICAP/MS	ND	20	18.8	ug/L	94	(70-130)		
MSD_201201110394	Lead Total ICAP/MS	ND	20	18.0	ug/L	90	(70-130)	20	4.3
LCS1	Manganese Total ICAP/MS		50	50.4	ug/L	101	(85-115)		
LCS2	Manganese Total ICAP/MS		50	50.0	ug/L	100	(85-115)	20	0.60
MBLK	Manganese Total ICAP/MS			<2	ug/L				
MRL_CHK	Manganese Total ICAP/MS		2.0	2.01	ug/L	100	(50-150)		
MS_201201110394	Manganese Total ICAP/MS	ND	50	49.1	ug/L	98	(70-130)		
MSD_201201110394	Manganese Total ICAP/MS	ND	50	46.7	ug/L	93	(70-130)	20	5.0
LCS1	Nickel Total ICAP/MS		50	45.5	ug/L	91	(85-115)		
LCS2	Nickel Total ICAP/MS		50	45.1	ug/L	90	(85-115)	20	0.88
MBLK	Nickel Total ICAP/MS			<5	ug/L				
MRL_CHK	Nickel Total ICAP/MS		5.0	4.69	ug/L	94	(50-150)		
MS_201201110394	Nickel Total ICAP/MS	ND	50	45.0	ug/L	90	(70-130)		
MSD_201201110394	Nickel Total ICAP/MS	ND	50	42.2	ug/L	84	(70-130)	20	6.4
LCS1	Selenium Total ICAP/MS		20	19.2	ug/L	96	(85-115)		
LCS2	Selenium Total ICAP/MS		20	19.7	ug/L	98	(85-115)	20	2.6
MBLK	Selenium Total ICAP/MS			<5	ug/L				

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RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385469

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MRL_CHK	Selenium Total ICAP/MS		5.0	4.91	ug/L	98	(50-150)		
MS_201201110394	Selenium Total ICAP/MS	ND	20	21.3	ug/L	107	(70-130)		
MSD_201201110394	Selenium Total ICAP/MS	ND	20	20.0	ug/L	100	(70-130)	20	6.3
LCS1	Silver Total ICAP/MS		50	50.5	ug/L	101	(85-115)		
LCS2	Silver Total ICAP/MS		50	50.3	ug/L	101	(85-115)	20	0.40
MBLK	Silver Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Silver Total ICAP/MS		0.5	0.495	ug/L	99	(50-150)		
MS_201201110394	Silver Total ICAP/MS		50	50.0	ug/L	100	(70-130)		
MSD_201201110394	Silver Total ICAP/MS		50	47.4	ug/L	95	(70-130)	20	5.3
LCS1	Thallium Total ICAP/MS		20	20.2	ug/L	101	(85-115)		
LCS2	Thallium Total ICAP/MS		20	20.2	ug/L	101	(85-115)	20	0.0
MBLK	Thallium Total ICAP/MS			<1	ug/L				
MRL_CHK	Thallium Total ICAP/MS		1.0	0.945	ug/L	95	(50-150)		
MS_201201110394	Thallium Total ICAP/MS	ND	20	19.9	ug/L	99	(70-130)		
MSD_201201110394	Thallium Total ICAP/MS	ND	20	19.0	ug/L	95	(70-130)	20	4.6
LCS1	Uranium ICAP/MS		20	21.2	ug/L	106	(85-115)		
LCS2	Uranium ICAP/MS		20	20.7	ug/L	104	(85-115)	20	2.4
MBLK	Uranium ICAP/MS			<1	ug/L				
MRL_CHK	Uranium ICAP/MS		1.0	1.03	ug/L	103	(50-150)		
MS_201201110394	Uranium ICAP/MS	ND	20	19.1	ug/L	96	(70-130)		
MSD_201201110394	Uranium ICAP/MS	ND	20	17.9	ug/L	90	(70-130)	20	7.0
LCS1	Zinc Total ICAP/MS		100	92.4	ug/L	92	(85-115)		
LCS2	Zinc Total ICAP/MS		100	91.0	ug/L	91	(85-115)	20	1.5
MBLK	Zinc Total ICAP/MS			<20	ug/L				
MRL_CHK	Zinc Total ICAP/MS		20	19.0	ug/L	95	(50-150)		
MS_201201110394	Zinc Total ICAP/MS	ND	100	96.4	ug/L	96	(70-130)		
MSD_201201110394	Zinc Total ICAP/MS	ND	100	90.5	ug/L	90	(70-130)	20	6.2
QC Ref# 635463 - Radium 228 by EPA 904.0					**Analysis Date: 01/20/2012**				
LCS1	Radium 228		9.8	8.99	pCi/L	92	(70-130)		
LCS2	Radium 228		9.8	8.15	pCi/L	83	(70-130)	20	9.8
MBLK	Radium 228			<1	pCi/L				
MS_201201140071	Radium 228	ND	9.8	8.89	pCi/L	85	(70-130)		
QC Ref# 635583 - Cyanide by SM4500CN-F					**Analysis Date: 01/17/2012**				
LCS1	Cyanide		0.1	0.0929	mg/L	93	(80-120)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385469

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	Cyanide			0.0966	mg/L				
MBLK	Cyanide			<0.025	mg/L				
MRL_CHK	Cyanide		0.025	0.0254	mg/L	102	(50-150)		
MS_201201130095	Cyanide	ND	0.1	0.101	mg/L	97	(80-120)		
MS_201201110127	Cyanide	ND	0.1	0.0181	mg/L	14	(80-120)		
MSD_201201130095	Cyanide	ND	0.1	0.108	mg/L	104	(80-120)	20	6.7
QC Ref# 635596 - Chlorophenoxy Herbicides by EPA 515.4					**Analysis Date: 01/23/2012**				
CCCH	2,4,5-TP (Silvex)		4.0	3.9	ug/L	98	(70-130)		
CCCM	2,4,5-TP (Silvex)		1.0	1.05	ug/L	105	(70-130)		
MBLK	2,4,5-TP (Silvex)			<0.1	ug/L				
MRL_CHK	2,4,5-TP (Silvex)		0.2	0.233	ug/L	117	(50-150)		
MS2_201201100001	2,4,5-TP (Silvex)	ND	0.75	0.795	ug/L	106	(70-130)		
MSD2_201201100001	2,4,5-TP (Silvex)	ND	0.75	0.801	ug/L	107	(70-130)	30	0.75
CCCH	2,4-D		2.0	1.95	ug/L	98	(70-130)		
CCCM	2,4-D		0.5	0.481	ug/L	96	(70-130)		
MBLK	2,4-D			<0.05	ug/L				
MRL_CHK	2,4-D		0.1	0.0919	ug/L	92	(50-150)		
MS2_201201100001	2,4-D	ND	0.38	0.386	ug/L	103	(70-130)		
MSD2_201201100001	2,4-D	ND	0.38	0.410	ug/L	109	(70-130)	30	6.0
CCCH	Bentazon		10	9.87	ug/L	99	(70-130)		
CCCM	Bentazon		2.5	2.63	ug/L	105	(70-130)		
MBLK	Bentazon			<0.25	ug/L				
MRL_CHK	Bentazon		0.5	0.578	ug/L	116	(50-150)		
MS2_201201100001	Bentazon	ND	1.9	1.93	ug/L	99	(70-130)		
MSD2_201201100001	Bentazon	ND	1.9	1.89	ug/L	96	(70-130)	30	2.1
CCCH	Dalapon		20	19.1	ug/L	96	(70-130)		
CCCM	Dalapon		5.0	5.63	ug/L	113	(70-130)		
MBLK	Dalapon			<0.5	ug/L				
MRL_CHK	Dalapon		1.0	1.35	ug/L	135	(50-150)		
MS2_201201100001	Dalapon	ND	3.8	4.55	ug/L	121	(70-130)		
MSD2_201201100001	Dalapon	ND	3.8	4.68	ug/L	125	(70-130)	30	2.8
CCCH	Dinoseb		4.0	3.86	ug/L	97	(70-130)		
CCCM	Dinoseb		1.0	1.05	ug/L	105	(70-130)		
MBLK	Dinoseb			<0.1	ug/L				
MRL_CHK	Dinoseb		0.2	0.224	ug/L	112	(50-150)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385469

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS2_201201100001	Dinoseb	ND	0.75	0.777	ug/L	102	(70-130)		
MSD2_201201100001	Dinoseb	ND	0.75	0.785	ug/L	103	(70-130)	30	1.0
CCCH	Pentachlorophenol		0.8	0.827	ug/L	103	(70-130)		
CCCM	Pentachlorophenol		0.2	0.217	ug/L	108	(70-130)		
MBLK	Pentachlorophenol			<0.02	ug/L				
MRL_CHK	Pentachlorophenol		0.04	0.0452	ug/L	113	(50-150)		
MS2_201201100001	Pentachlorophenol	ND	0.15	0.162	ug/L	108	(70-130)		
MSD2_201201100001	Pentachlorophenol	ND	0.15	0.166	ug/L	111	(70-130)	30	2.4
CCCH	Picloram		2.0	1.9	ug/L	95	(70-130)		
CCCM	Picloram		0.5	0.466	ug/L	93	(70-130)		
MBLK	Picloram			<0.05	ug/L				
MRL_CHK	Picloram		0.1	0.0839	ug/L	84	(50-150)		
MS2_201201100001	Picloram	ND	0.38	0.399	ug/L	106	(70-130)		
MSD2_201201100001	Picloram	ND	0.38	0.371	ug/L	99	(70-130)	30	7.3
QC Ref# 635843 - Mercury by EPA 245.1						**Analysis Date: 01/25/2012**			
LCS1	Mercury		1.5	1.49	ug/L	100	(85-115)		
LCS2	Mercury		1.5	1.49	ug/L	99	(85-115)	20	0.0
MBLK	Mercury			<0.2	ug/L				
MRL_CHK	Mercury		0.2	0.202	ug/L	101	(50-150)		
MS_201201180534	Mercury	ND	1.5	1.45	ug/L	97	(70-130)		
MS2_201201180416	Mercury	ND	1.5	1.46	ug/L	97	(70-130)		
MSD_201201180534	Mercury	ND	1.5	1.5	ug/L	100	(70-130)	20	3.4
MSD2_201201180416	Mercury	ND	1.5	1.48	ug/L	98	(70-130)	20	1.4
QC Ref# 636150 - Gross Alpha/Beta Radiation by EPA 900.0						**Analysis Date: 01/24/2012**			
LCS1	Alpha, Gross		33	32.6	pCi/L	99	(80-120)		
LCS2	Alpha, Gross		33	29.5	pCi/L	89	(80-120)	20	10
MBLK	Alpha, Gross			<3	pCi/L				
MS_201201260301	Alpha, Gross	ND	33	42.2	pCi/L	128	(70-130)		
LCS1	Beta, Gross		34	28.0	pCi/L	82	(80-120)		
LCS2	Beta, Gross		34	31.7	pCi/L	93	(80-120)	20	12
MBLK	Beta, Gross			<3	pCi/L				
MS_201201260301	Beta, Gross	ND	34	30.9	pCi/L	85	(70-130)		

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Laboratory Comments
Report: #385509

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The Comments Report may be blank if there are no comments for this report.

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Laboratory
Hits Report: 385509

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Robert C. Doss
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Samples Received on:
01/11/2012

Analyzed	Analyte	Sample ID	Result	CA MCL	Units	MRL

SUMMARY OF POSITIVE DATA ONLY

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Laboratory Data
Report: 385509

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San Francisco, CA 94105-1814

Samples Received on:
01/11/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
0.5L Lot# 23:28 CPT EX 091319 (201201110395)						**Sampled on 01/11/2012 1621**		
		EPA 200.8 - ICPMS Metals						
	01/20/2012 13:17	634985	(EPA 200.8)	Chromium Total ICAP/MS	ND	ug/L	1	1
		SM 9215B - Heterotrophic Plate Count						
1/12/2012	01/15/2012 17:45	634465	(SM 9215B)	Heterotrophic Plate Count	<1	CFU/ml	1	1
		SM 9223 - Total & Fecal Coliform, 18 Hours						
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	24 Hour E. Coli Confirmed	ND	PositiveTube		1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	24 Hour Total Coliform Confrm	ND	PositiveTube		1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	E. Coli Bacteria (P/A)	A	P=Pres/A=Abs		1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	Total Coliform Bacteria (P/A)	A	P=Pres/A=Abs		1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	E. Coli Bacteria	<1.1	MPN/100 mL	1.1	1
1/12/2012	01/13/2012 11:15	634307	(SM 9223)	Total Coliform Bacteria	<1.1	MPN/100 mL	1.1	1
		EPA 218.6 - Hexavalent chromium(Dissolved)						
	01/12/2012 12:20	634242	(EPA 218.6)	Hexavalent chromium(Dissolved)	ND	ug/L	0.06	1

Rounding on totals after summation.
(c) - indicates calculated results

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QC Summary: 385509

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QC Ref # 634242 - Hexavalent chromium(Dissolved)
201201110395 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: TLH

QC Ref # 634307 - Total & Fecal Coliform, 18 Hours
201201110395 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/13/2012
Analyzed by: GPM

QC Ref # 634465 - Heterotrophic Plate Count
201201110395 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/15/2012
Analyzed by: BRM

QC Ref # 634985 - ICPMS Metals
201201110395 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/20/2012
Analyzed by: DYH

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QC Report: 385509

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 634242 - Hexavalent chromium(Dissolved) by EPA 218.6						**Analysis Date: 01/12/2012**			
LCS1	Hexavalent chromium(Dissolved)		2.0	1.93	ug/L	96	(90-110)		
LCS2	Hexavalent chromium(Dissolved)		2.0	1.89	ug/L	95	(90-110)		
MBLK	Hexavalent chromium(Dissolved)			<0.020	ug/L				
MRL_CHK	Hexavalent chromium(Dissolved)		0.02	0.0172	ug/L	86	(50-150)		
MS_201201120002	Hexavalent chromium(Dissolved)	0.18	2.0	2.18	ug/L	100	(90-110)		
MS2_201201120462	Hexavalent chromium(Dissolved)	0.29	2.0	2.09	ug/L	90	(90-110)		
MSD_201201120002	Hexavalent chromium(Dissolved)	0.18	2.0	2.19	ug/L	100	(90-110)	20	0.46
QC Ref# 634985 - ICPMS Metals by EPA 200.8						**Analysis Date: 01/20/2012**			
LCS1	Chromium Total ICAP/MS		100	92.5	ug/L	93	(85-115)		
LCS2	Chromium Total ICAP/MS		100	91.9	ug/L	92	(85-115)	20	0.76
MBLK	Chromium Total ICAP/MS			<1	ug/L				
MRL_CHK	Chromium Total ICAP/MS		1.0	0.822	ug/L	82	(50-150)		
MS_201201110394	Chromium Total ICAP/MS	ND	100	90.8	ug/L	91	(70-130)		
MSD_201201110394	Chromium Total ICAP/MS	ND	100	85.3	ug/L	85	(70-130)	20	6.3

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Laboratory Comments
Report: #385470

Pacific Gas and Electric
Robert C. Doss
77 Beale Street
Mail Code B16A
San Francisco, CA 94105-1814

Group Comments

Analytical results for Radium 226 are submitted by Pace Analytical Services, Greensburg, PA

The Comments Report may be blank if there are no comments for this report.

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Laboratory
Hits Report: 385470

Pacific Gas and Electric
Robert C. Doss
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San Francisco, CA 94105-1814

Samples Received on:
01/11/2012

Analyzed		Analyte	Sample ID	Result	CA MCL	Units	MRL
		201201110396	**0.5L Lot# 23:28 CPT EX 091319**				
01/18/2012	13:37	Agressiveness Index-Calculated		5.8		None	0.1
01/12/2012	19:09	Bromodichloromethane		0.67		ug/L	0.5
01/18/2012	13:37	Cation Sum - Calculated		0.059		meq/L	0.001
01/12/2012	19:09	Chloroform (Trichloromethane)		0.67		ug/L	0.5
01/13/2012	14:41	Langelier Index - 25 degree		-6.0		None	
01/13/2012	14:41	Langelier Index at 60 degrees C		-5.2		None	
01/12/2012	15:42	Odor at 60 C (TON)		1.0	3	TON	1
01/12/2012	20:09	PH Bottled Water		5.7		Units	0.1
01/18/2012	13:37	pH of CaCO3 saturation(25C)		12		Units	0.1
01/13/2012	14:41	pH of CaCO3 saturation(60C)		11		Units	0.1
01/17/2012	17:48	Sodium Total ICAP		1.36		mg/L	1
01/12/2012	20:09	Specific Conductance, 25 C		5.6	900	umho/cm	2
01/12/2012	19:09	Total THM		1.3	80	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
0.5L Lot# 23:28 CPT EX 091319 (201201110396)						**Sampled on 01/11/2012 1621**		
			EPA 903.1 - Radium 226 (Sub)					
	01/31/2012 15:15		(EPA 903.1)	Radium 226	<0.504	pCi/L	0.5	1
	01/31/2012 15:15		(EPA 903.1)	Radium 226 Minimal Detectable	0.504	pCi/L		1
	01/31/2012 15:15		(EPA 903.1)	Radium 226 Two Sigma Error	0.329	pCi/L		1
			EPA 200.8 - ICPMS Metals					
	01/20/2012 13:21	634985	(EPA 200.8)	Aluminum Total ICAP/MS	ND	ug/L	20	1
	01/20/2012 13:21	634985	(EPA 200.8)	Antimony Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:21	634985	(EPA 200.8)	Arsenic Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:21	634985	(EPA 200.8)	Barium Total ICAP/MS	ND	ug/L	2	1
	01/20/2012 13:21	634985	(EPA 200.8)	Beryllium Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:21	634985	(EPA 200.8)	Cadmium Total ICAP/MS	ND	ug/L	0.5	1
	01/20/2012 13:21	634985	(EPA 200.8)	Chromium Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:21	634985	(EPA 200.8)	Copper Total ICAP/MS	ND	ug/L	2	1
	01/20/2012 13:21	634985	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
	01/20/2012 13:21	634985	(EPA 200.8)	Manganese Total ICAP/MS	ND	ug/L	2	1
	01/20/2012 13:21	634985	(EPA 200.8)	Nickel Total ICAP/MS	ND	ug/L	5	1
	01/20/2012 13:21	634985	(EPA 200.8)	Selenium Total ICAP/MS	ND	ug/L	5	1
	01/19/2012 16:28	634980	(EPA 200.8)	Silver Total ICAP/MS	ND	ug/L	0.5	1
	01/20/2012 13:21	634985	(EPA 200.8)	Thallium Total ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:21	634985	(EPA 200.8)	Uranium ICAP/MS	ND	ug/L	1	1
	01/20/2012 13:21	634985	(EPA 200.8)	Zinc Total ICAP/MS	ND	ug/L	20	1
			EPA 200.7 - ICP Metals					
	01/17/2012 17:48	634357	(EPA 200.7)	Calcium Total ICAP	ND	mg/L	1	1
	01/17/2012 17:48	634357	(EPA 200.7)	Iron Total ICAP	ND	mg/L	0.02	1
	01/17/2012 17:48	634357	(EPA 200.7)	Magnesium Total ICAP	ND	mg/L	0.1	1
	01/17/2012 17:48	634357	(EPA 200.7)	Potassium Total ICAP	ND	mg/L	1	1
	01/17/2012 17:48	634357	(EPA 200.7)	Sodium Total ICAP	1.36	mg/L	1	1
			EPA 245.1 - Mercury					
1/25/2012	01/25/2012 18:52	635843	(EPA 245.1)	Mercury	ND	ug/L	0.2	1
			EPA 100.2 - Asbestos by TEM - >10 microns					
1/12/2012	01/19/2012 00:00	634963	(EPA 100.2)	Asbestos by TEM - >10 microns	ND	MFL	0.2	1
			SM2330B - Hydroxide as OH, Calculated					
	01/13/2012 14:41		(SM2330B)	Hydroxide as OH Calculated	ND	mg/L	2	1

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Robert C. Doss
77 Beale Street
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San Francisco, CA 94105-1814

Samples Received on:
01/11/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
			SM 2330B - pH of CaCO3 saturation(60C)					
	01/13/2012 14:41		(SM 2330B)	pH of CaCO3 saturation(60C)	11	Units	0.1	1
			EPA 200.8 - Uranium by ICPMS as pCi/L					
	01/20/2012 13:58		(EPA 200.8)	Uranium by ICPMS as pCi/L	ND	pCi/L	0.7	1
			SM4500-CO2-D - Carbon Dioxide,Free(25C)-Calc.					
	01/13/2012 14:41		(SM4500-CO2-D)	Carbon Dioxide,Free(25C)-Calc.	ND	mg/L	2	1
			SM 2330B - Langelier Index - 25 degree					
	01/13/2012 14:41		(SM 2330B)	Langelier Index - 25 degree	-6.0	None		1
			SM2330B - Carbonate as CO3, Calculated					
	01/17/2012 13:34		(SM2330B)	Carbonate as CO3, Calculated	ND	mg/L	2	1
			SM 2340B - Total Hardness as CaCO3 by ICP					
	01/18/2012 13:37		(SM 2340B)	Total Hardness as CaCO3 by ICP (calc)	ND	mg/L	3	1
			SM 1030E - Anion Sum - Calculated					
	01/13/2012 14:44		(SM 1030E)	Anion Sum - Calculated	ND	meq/L	0.001	1
			SM 1030E - Cation Sum - Calculated					
	01/18/2012 13:37		(SM 1030E)	Cation Sum - Calculated	0.059	meq/L	0.001	1
			SM 2330B - pH of CaCO3 saturation(25C)					
	01/18/2012 13:37		(SM 2330B)	pH of CaCO3 saturation(25C)	12	Units	0.1	1
			SM2330B - Bicarb.Alkalinity as HCO3,calc					
	01/13/2012 14:44		(SM2330B)	Bicarb.Alkalinity as HCO3calc	ND	mg/L	2	1
			SM 2330 - Agressiveness Index-Calculated					
	01/18/2012 13:37		(SM 2330)	Agressiveness Index-Calculated	5.8	None	0.1	1
			SM 2330B - Langlier Index at 60 degrees C					
	01/13/2012 14:41		(SM 2330B)	Langelier Index at 60 degrees C	-5.2	None		1
			SM 1030E - Cation/Anion Difference					
	:		(SM 1030E)	Cation/Anion Difference	NA	%		1
			EPA 505 - Organochlorine Pesticides/PCBs					
1/13/2012	01/14/2012 06:05	634392	(EPA 505)	Alachlor (Alanex)	ND	ug/L	0.1	1
1/13/2012	01/14/2012 06:05	634392	(EPA 505)	Chlordane	ND	ug/L	0.1	1
1/13/2012	01/14/2012 06:05	634392	(EPA 505)	Endrin	ND	ug/L	0.01	1
1/13/2012	01/14/2012 06:05	634392	(EPA 505)	Heptachlor	ND	ug/L	0.01	1
1/13/2012	01/14/2012 06:05	634392	(EPA 505)	Heptachlor Epoxide	ND	ug/L	0.01	1
1/13/2012	01/14/2012 06:05	634392	(EPA 505)	Lindane (gamma-BHC)	ND	ug/L	0.01	1
1/13/2012	01/14/2012 06:05	634392	(EPA 505)	Methoxychlor	ND	ug/L	0.05	1
1/13/2012	01/14/2012 06:05	634392	(EPA 505)	PCB 1016 Aroclor	ND	ug/L	0.08	1

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1/13/2012	01/14/2012	06:05	634392	(EPA 505)	PCB 1221 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	06:05	634392	(EPA 505)	PCB 1232 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	06:05	634392	(EPA 505)	PCB 1242 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	06:05	634392	(EPA 505)	PCB 1248 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	06:05	634392	(EPA 505)	PCB 1254 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	06:05	634392	(EPA 505)	PCB 1260 Aroclor	ND	ug/L	0.1	1
1/13/2012	01/14/2012	06:05	634392	(EPA 505)	Total PCBs	ND	ug/L	0.1	1
1/13/2012	01/14/2012	06:05	634392	(EPA 505)	Toxaphene	ND	ug/L	0.5	1
1/13/2012	01/14/2012	06:05	634392	(EPA 505)	Tetrachlorometaxylene	98	%		1
				EPA 515.4 - Chlorophenoxy Herbicides					
1/18/2012	01/23/2012	14:21	635596	(EPA 515.4)	2,4,5-TP (Silvex)	ND	ug/L	0.2	1
1/18/2012	01/23/2012	14:21	635596	(EPA 515.4)	2,4-D	ND	ug/L	0.1	1
1/18/2012	01/23/2012	14:21	635596	(EPA 515.4)	Bentazon	ND	ug/L	0.5	1
1/18/2012	01/23/2012	14:21	635596	(EPA 515.4)	Dalapon	ND	ug/L	1	1
1/18/2012	01/23/2012	14:21	635596	(EPA 515.4)	Dinoseb	ND	ug/L	0.2	1
1/18/2012	01/23/2012	14:21	635596	(EPA 515.4)	Pentachlorophenol	ND	ug/L	0.04	1
1/18/2012	01/23/2012	14:21	635596	(EPA 515.4)	Picloram	ND	ug/L	0.1	1
				SM 6251B - Haloacetic Acids					
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	Bromochloroacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	Dibromoacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	Dichloroacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	Monobromoacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	Monochloroacetic acid	ND	ug/L	2	1
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	Total Haloacetic Acids (HAA5)	ND	ug/L	2	1
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	Trichloroacetic acid	ND	ug/L	1	1
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	1,2,3-Trichloropropane	101	%		1
1/12/2012	01/13/2012	06:49	634198	(SM 6251B)	2,3-Dibromopropionic acid	98	%		1
				EPA 551.1 - EDB/DBCP/HAN by EPA 551.1					
1/12/2012	01/14/2012	06:38	634628	(EPA 551.1)	Dibromochloropropane (DBCP)	ND	ug/L	0.01	1
1/12/2012	01/14/2012	06:38	634628	(EPA 551.1)	Ethylene Dibromide (EDB)	ND	ug/L	0.01	1
1/12/2012	01/14/2012	06:38	634628	(EPA 551.1)	1,2-Dibromopropane	102	%		1
				EPA 525.2 - Semivolatiles by GCMS					
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Alachlor	ND	ug/L	0.05	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Atrazine	ND	ug/L	0.05	1

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1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Benzo(a)pyrene	ND	ug/L	0.02	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Di-(2-Ethylhexyl)adipate	ND	ug/L	0.6	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Di(2-Ethylhexyl)phthalate	ND	ug/L	0.6	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Hexachlorobenzene	ND	ug/L	0.05	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Hexachlorocyclopentadiene	ND	ug/L	0.05	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Molinate	ND	ug/L	0.1	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Simazine	ND	ug/L	0.05	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Thiobencarb (ELAP)	ND	ug/L	0.2	1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	1,3-Dimethyl-2-nitrobenzene	98	%		1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Acenaphthene-d10	111	%		1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Chrysene-d12	113	%		1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Perylene-d12	80	%		1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Phenanthrene-d10	120	%		1
1/12/2012	01/17/2012	18:41	634701	(EPA 525.2)	Triphenylphosphate	101	%		1
			EPA 548.1 - Endothall						
1/12/2012	01/18/2012	12:27	634786	(EPA 548.1)	Endothall	ND	ug/L	5	1
			EPA 1613B - 2,3,7,8-TCDD_Dioxin						
1/13/2012	01/19/2012	10:35	633320	(EPA 1613B)	2,3,7,8-TCDD	ND	pg/L	5	1
1/13/2012	01/19/2012	10:35	633320	(EPA 1613B)	C12-2,3,7,8-TCDD	93	%		1
			EPA 547 - Glyphosate						
	01/12/2012	16:49	634186	(EPA 547)	Glyphosate	ND	ug/L	6	1
			EPA 531.2 - Aldicarbs						
	01/13/2012	17:05	634073	(EPA 531.2)	Carbofuran (Furadan)	ND	ug/L	0.5	1
	01/13/2012	17:05	634073	(EPA 531.2)	Oxamyl (Vydate)	ND	ug/L	0.5	1
			EPA 549.2 - Diquat and Paraquat						
1/13/2012	01/13/2012	20:28	634497	(EPA 549.2)	Diquat	ND	ug/L	0.4	1
			EPA 300.0 - Nitrate, Nitrite by EPA 300.0						
	01/12/2012	20:15	634188	(EPA 300.0)	Nitrate as Nitrogen by IC	ND	mg/L	0.1	1
	01/12/2012	20:15	634188	(EPA 300.0)	Nitrate as NO3 (calc)	ND	mg/L	0.44	1
	01/12/2012	20:15	634188	(EPA 300.0)	Nitrite Nitrogen by IC	ND	mg/L	0.05	1
	01/12/2012	20:15	634188	(EPA 300.0)	Total Nitrate, Nitrite-N, CALC	ND	mg/L	0.1	1
			EPA 300.0 - Chloride, Sulfate by EPA 300.0						
	01/12/2012	20:15	634204	(EPA 300.0)	Chloride	ND	mg/L	1	1
	01/12/2012	20:15	634204	(EPA 300.0)	Sulfate	ND	mg/L	0.5	1
			EPA 314.0 - Perchlorate						

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	01/18/2012	14:33	634524	(EPA 314.0)	Perchlorate	ND	ug/L	4	1
	EPA 904.0 - Radium 228								
	01/20/2012	12:54	635463	(EPA 904.0)	Radium 228	ND	pCi/L	1	1
	01/20/2012	12:54	635463	(EPA 904.0)	Radium 228 Minimum Detectable	0.35	pCi/L		1
	01/20/2012	12:54	635463	(EPA 904.0)	Radium 228 Two Sigma Error	0.32	pCi/L		1
	EPA 900.0 - Gross Alpha/Beta Radiation								
1/18/2012	01/24/2012	13:06	636150	(EPA 900.0)	Alpha, Gross	ND	pCi/L	3	1
1/18/2012	01/24/2012	13:06	636150	(EPA 900.0)	Alpha, Min Detectable Activity	3.0	pCi/L		1
1/18/2012	01/24/2012	13:06	636150	(EPA 900.0)	Alpha, Two Sigma Error	2.3	pCi/L		1
1/18/2012	01/24/2012	13:06	636150	(EPA 900.0)	Beta, Gross	ND	pCi/L	3	1
1/18/2012	01/24/2012	13:06	636150	(EPA 900.0)	Beta, Min Detectable Activity	0.30	pCi/L		1
1/18/2012	01/24/2012	13:06	636150	(EPA 900.0)	Beta, Two Sigma Error	1.5	pCi/L		1
1/18/2012	01/24/2012	13:06	636150	(EPA 900.0)	Gross Alpha + adjusted error	ND	pCi/L	3	1
	EPA 524.2 - Volatile Organics by GCMS								
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,1,1-Trichloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,1,2-Trichloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,1-Dichloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,1-Dichloroethylene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,2-Dichloroethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,2-Dichloropropane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Benzene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Bromodichloromethane	0.67	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Bromoform	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Carbon Tetrachloride	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Chlorobenzene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Chlorodibromomethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Chloroform (Trichloromethane)	0.67	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Dichloromethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Ethyl benzene	ND	ug/L	0.5	1

Rounding on totals after summation.
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Laboratory Data
Report: 385470

Pacific Gas and Electric
Robert C. Doss
77 Beale Street
Mail Code B16A
San Francisco, CA 94105-1814

Samples Received on:
01/11/2012

Prepared	Analyzed		QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	m,p-Xylenes	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	o-Xylene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Styrene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Toluene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Total 1,3-Dichloropropene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Total THM	1.3	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Total xylenes	ND	ug/L	1	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Trichloroethylene (TCE)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Trichlorofluoromethane	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Trichlorotrifluoroethane(Freon 113)	ND	ug/L	0.5	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Vinyl chloride (VC)	ND	ug/L	0.3	1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	1,2-Dichloroethane-d4	112	%		1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	4-Bromofluorobenzene	100	%		1
1/12/2012	01/12/2012	19:09	634343	(EPA 524.2)	Toluene-d8	101	%		1
	SM4500CN-F - Cyanide								
	01/17/2012	14:09	635583	(SM4500CN-F)	Cyanide	ND	mg/L	0.025	1
	SM 2150B - Odor at 60 C (TON)								
	01/12/2012	15:42	634573	(SM 2150B)	Odor at 60 C (TON)	1.0	TON	1	1
	SM 4500F-C - Fluoride								
	01/12/2012	18:52	633844	(SM 4500F-C)	Fluoride	ND	mg/L	0.05	1
	SM 2320B - Alkalinity in CaCO3 units								
	01/12/2012	20:09	634245	(SM 2320B)	Alkalinity in CaCO3 units	ND	mg/L	2	1
	E160.1/SM2540C - Total Dissolved Solids (TDS)								
1/12/2012	01/12/2012	15:21	634094	(E160.1/SM2540C)	Total Dissolved Solids (TDS)	ND	mg/L	10	1
	SM 5540C/EPA 425.1 - Surfactants								
	01/12/2012	16:28	634370	(SM 5540C/EPA 425.1)	Surfactants	ND	mg/L	0.05	1
	EPA 180.1 - Turbidity								
	01/12/2012	16:02	634547	(EPA 180.1)	Turbidity	ND	NTU	0.05	1

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Laboratory Data
Report: 385470

Pacific Gas and Electric
Robert C. Doss
77 Beale Street
Mail Code B16A
San Francisco, CA 94105-1814

Samples Received on:
01/11/2012

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
	SM2510B - Specific Conductance							
01/12/2012	20:09	634252	(SM2510B)	Specific Conductance, 25 C	5.6	umho/cm	2	1
	4500HB/ E 150 - PH, Bottled Water							
01/12/2012	20:09	634283	(4500HB/ E 150)	PH Bottled Water	5.7	Units	0.1	1
	SM 2120B - Apparent Color							
01/12/2012	15:39	634278	(SM 2120B)	Apparent Color	ND	ACU	3	1

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Laboratory
QC Summary: 385470

Pacific Gas and Electric

QC Ref # 633320 - 2,3,7,8-TCDD_Dioxin
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/19/2012
Analyzed by: CRW

QC Ref # 633844 - Fluoride
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: KXS

QC Ref # 634073 - Aldicarbs
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/13/2012
Analyzed by: XWO

QC Ref # 634094 - Total Dissolved Solids (TDS)
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: JRF

QC Ref # 634186 - Glyphosate
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: SZZ

QC Ref # 634188 - Nitrate, Nitrite by EPA 300.0
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: SXK

QC Ref # 634198 - Haloacetic Acids
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/13/2012
Analyzed by: DYM

QC Ref # 634204 - Chloride, Sulfate by EPA 300.0
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: SXK

QC Ref # 634245 - Alkalinity in CaCO3 units
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: CYP

QC Ref # 634252 - Specific Conductance
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: CYP

QC Ref # 634256 - PH (H3=past HT not compliant)
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: CYP

QC Ref # 634278 - Apparent Color
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: NEM

QC Ref # 634283 - PH, Bottled Water
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: CYP

QC Ref # 634343 - Volatile Organics by GCMS
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: KCP

QC Ref # 634357 - ICP Metals
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/17/2012
Analyzed by: NINA

QC Ref # 634370 - Surfactants
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/12/2012
Analyzed by: QMK

QC Ref # 634392 - Organochlorine Pesticides/PCBs
201201110396 0.5L Lot# 23:28 CPT EX 091319
Analysis Date: 01/14/2012
Analyzed by: ARH

QC Ref # 634497 - Diquat and Paraquat
Analysis Date: 01/13/2012

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201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: SZZ
QC Ref # 634524 - Perchlorate		**Analysis Date: 01/18/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: LUPE
QC Ref # 634547 - Turbidity		**Analysis Date: 01/12/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: NEM
QC Ref # 634573 - Odor at 60 C (TON)		**Analysis Date: 01/12/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: NEM
QC Ref # 634628 - EDB/DBCP/HAN by EPA 551.1		**Analysis Date: 01/14/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: LRL
QC Ref # 634701 - Semivolatiles by GCMS		**Analysis Date: 01/17/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: JWC
QC Ref # 634786 - Endothall		**Analysis Date: 01/18/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: CRW
QC Ref # 634963 - Asbestos by TEM - >10 microns		**Analysis Date: 01/19/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: CJB
QC Ref # 634980 - ICPMS Metals		**Analysis Date: 01/19/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: VXT
QC Ref # 634985 - ICPMS Metals		**Analysis Date: 01/20/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: DYH
QC Ref # 635463 - Radium 228		**Analysis Date: 01/20/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: MAL
QC Ref # 635583 - Cyanide		**Analysis Date: 01/17/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: QMK
QC Ref # 635596 - Chlorophenoxy Herbicides		**Analysis Date: 01/23/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: SFL
QC Ref # 635843 - Mercury		**Analysis Date: 01/25/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: DYH
QC Ref # 636150 - Gross Alpha/Beta Radiation		**Analysis Date: 01/24/2012**
201201110396	0.5L Lot# 23:28 CPT EX 091319	Analyzed by: MAL

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QC Report: 385470

Pacific Gas and Electric

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 633320 - 2,3,7,8-TCDD_Dioxin by EPA 1613B						**Analysis Date: 01/18/2012**			
LCS1	2,3,7,8-TCDD		200	176	pg/L	88	(73-146)		
MBLK	2,3,7,8-TCDD			<1.67	pg/L				
MRL_CHK	2,3,7,8-TCDD		5.0	4.6	pg/L	92	(50-150)		
MS_201201090047	2,3,7,8-TCDD	ND	200	170	pg/L	85	(73-146)		
MSD_201201090047	2,3,7,8-TCDD	ND	200	162	pg/L	81	(73-146)	20	4.8
LCS1	C12-2,3,7,8-TCDD			94.0	%	94	(25-141)		
MBLK	C12-2,3,7,8-TCDD			97.5	%				
MRL_CHK	C12-2,3,7,8-TCDD			92.1	%	92	(31-137)		
MS_201201090047	C12-2,3,7,8-TCDD	82		88.3	%	88	(25-141)		
MSD_201201090047	C12-2,3,7,8-TCDD	82		85.2	%	85	(25-141)		
QC Ref# 633844 - Fluoride by SM 4500F-C						**Analysis Date: 01/12/2012**			
LCS1	Fluoride		1.0	1.06	mg/L	106	(81-116)		
LCS2	Fluoride		1.0	1.06	mg/L	106	(81-116)	20	0.0
MBLK	Fluoride			<0.05	mg/L				
MRL_CHK	Fluoride		0.05	0.0583	mg/L	117	(50-150)		
MS_201201110394	Fluoride	ND	1.0	0.940	mg/L	94	(73-124)		
MS2_201201120226	Fluoride	ND	1.0	1.02	mg/L	98	(73-124)		
MSD_201201110394	Fluoride	ND	1.0	0.948	mg/L	95	(73-124)	20	0.85
QC Ref# 634073 - Aldicarbs by EPA 531.2						**Analysis Date: 01/13/2012**			
CCCH	Carbofuran (Furadan)		25	25.5	ug/L	102	(70-130)		
CCCM	Carbofuran (Furadan)		10	10.5	ug/L	105	(70-130)		
LCS1	Carbofuran (Furadan)		10	10.2	ug/L	102	(70-130)		
MBLK	Carbofuran (Furadan)			<0.25	ug/L				
MRL_CHK	Carbofuran (Furadan)		0.5	0.411	ug/L	82	(50-150)		
MS_201201110300	Carbofuran (Furadan)	ND	10	10.2	ug/L	102	(70-130)		
MSD_201201110300	Carbofuran (Furadan)	ND	10	10.4	ug/L	104	(70-130)	20	1.9
CCCH	Oxamyl (Vydate)		25	25.7	ug/L	103	(70-130)		
CCCM	Oxamyl (Vydate)		10	10.8	ug/L	108	(70-130)		
LCS1	Oxamyl (Vydate)		10	10.4	ug/L	104	(70-130)		
MBLK	Oxamyl (Vydate)			<0.25	ug/L				
MRL_CHK	Oxamyl (Vydate)		0.5	0.406	ug/L	81	(50-150)		
MS_201201110300	Oxamyl (Vydate)	ND	10	10.4	ug/L	104	(70-130)		
MSD_201201110300	Oxamyl (Vydate)	ND	10	9.63	ug/L	96	(70-130)	20	7.7

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Laboratory
QC Report: 385470

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 634094 - Total Dissolved Solids (TDS) by E160.1/SM2540C						**Analysis Date: 01/12/2012**			
DUP_201201050560	Total Dissolved Solid (TDS)	580		570	mg/L		(0-20)	20	1.0
DUP_201201090262	Total Dissolved Solid (TDS)	120		128	mg/L		(0-20)	20	3.2
LCS1	Total Dissolved Solid (TDS)		175	164	mg/L	94	(80-114)		
LCS2	Total Dissolved Solid (TDS)		700	694	mg/L	99	(80-114)		
MBLK	Total Dissolved Solid (TDS)			<10	mg/L				
MRL_CHK	Total Dissolved Solid (TDS)		10	9.00	mg/L	90	(50-150)		
QC Ref# 634186 - Glyphosate by EPA 547						**Analysis Date: 01/12/2012**			
CCCM	Glyphosate		10	9.06	ug/L	91	(80-120)		
LCS1	Glyphosate		10	9.33	ug/L	93	(80-120)		
MBLK	Glyphosate			<6	ug/L				
MRL_CHK	Glyphosate		6.0	5.5	ug/L	92	(50-150)		
MS_201201100237	Glyphosate	ND	10	12.2	ug/L	122	(83-119)		
MS2_201201100324	Glyphosate	ND	10	11.9	ug/L	119	(83-119)		
MSD_201201100237	Glyphosate	ND	10	11.5	ug/L	115	(83-119)	20	5.9
QC Ref# 634188 - Nitrate, Nitrite by EPA 300.0 by EPA 300.0						**Analysis Date: 01/12/2012**			
LCS1	Nitrate as Nitrogen by IC		2.5	2.63	mg/L	105	(90-110)		
LCS2	Nitrate as Nitrogen by IC		2.5	2.63	mg/L	105	(90-110)	20	0.0
MBLK	Nitrate as Nitrogen by IC			<0.10	mg/L				
MRL_CHK	Nitrate as Nitrogen by IC		0.05	0.0524	mg/L	105	(50-150)		
MS_201201120357	Nitrate as Nitrogen by IC	ND	1.3	1.37	mg/L	109	(80-120)		
MSD_201201120357	Nitrate as Nitrogen by IC	ND	1.3	1.36	mg/L	109	(80-120)	20	0.73
LCS1	Nitrite Nitrogen by IC		1.0	1.02	mg/L	102	(90-110)		
LCS2	Nitrite Nitrogen by IC		1.0	1.02	mg/L	102	(90-110)	20	0.0
MBLK	Nitrite Nitrogen by IC			<0.10	mg/L				
MRL_CHK	Nitrite Nitrogen by IC		0.05	0.0502	mg/L	100	(50-150)		
MS_201201120357	Nitrite Nitrogen by IC	ND	0.5	0.536	mg/L	107	(80-120)		
MSD_201201120357	Nitrite Nitrogen by IC	ND	0.5	0.533	mg/L	107	(80-120)	20	0.56
QC Ref# 634198 - Haloacetic Acids by SM 6251B						**Analysis Date: 01/13/2012**			
CCCM	1,2,3-Trichloropropane (I)			98.7	%	99	(80-130)		
DUP1_201201110396	1,2,3-Trichloropropane (I)			101	%	101	(80-120)		
MBLK	1,2,3-Trichloropropane (I)			100	%	100	(80-120)		
MRL_CHK	1,2,3-Trichloropropane (I)			100	%	100	(80-120)		

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS1_201201110394	1,2,3-Trichloropropane (I)			99.8	%	100	(80-120)		
CCCM	2,3-Dibromopropionic acid (S)			102	%	102	(70-130)		
DUP1_201201110396	2,3-Dibromopropionic acid (S)			102	%	102	(70-130)		
MBLK	2,3-Dibromopropionic acid (S)			102	%	102	(70-130)		
MRL_CHK	2,3-Dibromopropionic acid (S)			101	%	101	(70-130)		
MS1_201201110394	2,3-Dibromopropionic acid (S)			97.5	%	97	(70-130)		
CCCM	Bromochloroacetic acid		20	20.7	ug/L	103	(85-115)		
DUP1_201201110396	Bromochloroacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Bromochloroacetic acid			<1	ug/L				
MRL_CHK	Bromochloroacetic acid		1.0	0.946	ug/L	95	(50-150)		
MS1_201201110394	Bromochloroacetic acid	ND	20	18.6	ug/L	93	(84-123)		
CCCM	Dibromoacetic acid		20	20.0	ug/L	100	(85-115)		
DUP1_201201110396	Dibromoacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Dibromoacetic acid			<1	ug/L				
MRL_CHK	Dibromoacetic acid		1.0	0.891	ug/L	89	(50-150)		
MS1_201201110394	Dibromoacetic acid	ND	20	18.4	ug/L	92	(84-122)		
CCCM	Dichloroacetic acid		20	20.8	ug/L	104	(85-115)		
DUP1_201201110396	Dichloroacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Dichloroacetic acid			<1	ug/L				
MRL_CHK	Dichloroacetic acid		1.0	1.18	ug/L	118	(50-150)		
MS1_201201110394	Dichloroacetic acid	ND	20	18.8	ug/L	93	(79-123)		
CCCM	Monobromoacetic acid		20	20.9	ug/L	105	(85-115)		
DUP1_201201110396	Monobromoacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Monobromoacetic acid			<1	ug/L				
MRL_CHK	Monobromoacetic acid		1.0	0.715	ug/L	72	(50-150)		
MS1_201201110394	Monobromoacetic acid	ND	20	18.0	ug/L	90	(81-122)		
CCCM	Monochloroacetic acid		20	20.6	ug/L	103	(85-115)		
DUP1_201201110396	Monochloroacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Monochloroacetic acid			<2	ug/L				
MRL_CHK	Monochloroacetic acid		2.0	1.83	ug/L	92	(50-150)		
MS1_201201110394	Monochloroacetic acid	ND	20	17.4	ug/L	87	(72-126)		
CCCM	Trichloroacetic acid		20	20.7	ug/L	103	(85-115)		
DUP1_201201110396	Trichloroacetic acid	ND		ND	ug/L		(0-20)		
MBLK	Trichloroacetic acid			<1	ug/L				
MRL_CHK	Trichloroacetic acid		1.0	0.784	ug/L	78	(50-150)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS1_201201110394	Trichloroacetic acid	ND	20	18.2	ug/L	91	(82-124)		
QC Ref# 634204 - Chloride, Sulfate by EPA 300.0 by EPA 300.0							**Analysis Date: 01/12/2012**		
LCS1	Chloride		25	27.3	mg/L	109	(90-110)		
LCS2	Chloride		25	27.3	mg/L	109	(90-110)	20	0.0
MBLK	Chloride			<0.5	mg/L				
MRL_CHK	Chloride		0.5	0.436	mg/L	87	(50-150)		
MS_201201120357	Chloride	5.9	13	20.9	mg/L	120	(80-120)		
MSD_201201120357	Chloride	5.9	13	20.8	mg/L	119	(80-120)	20	0.48
LCS1	Sulfate		50	54.2	mg/L	108	(90-110)		
LCS2	Sulfate		50	54.4	mg/L	109	(90-110)	20	0.37
MBLK	Sulfate			<0.25	mg/L				
MRL_CHK	Sulfate		1.0	0.982	mg/L	98	(50-150)		
MRLLW	Sulfate		0.25	0.283	mg/L	113	(50-150)		
MS_201201120357	Sulfate	24	25	53.4	mg/L	117	(80-120)		
MSD_201201120357	Sulfate	24	25	53.2	mg/L	116	(80-120)	20	0.38
QC Ref# 634245 - Alkalinity in CaCO3 units by SM 2320B							**Analysis Date: 01/12/2012**		
LCS1	Alkalinity in CaCO3 units		100	91.3	mg/L	91	(90-110)		
LCS2	Alkalinity in CaCO3 units		100	92.4	mg/L	92	(90-110)	20	0.22
MBLK	Alkalinity in CaCO3 units			<2	mg/L				
MRL_CHK	Alkalinity in CaCO3 units		2.0	1.52	mg/L	76	(50-150)		
MS_201201110128	Alkalinity in CaCO3 units	320	100	419	mg/L	95	(80-120)		
MS_201201100324	Alkalinity in CaCO3 units	37	100	140	mg/L	103	(80-120)		
MSD_201201110128	Alkalinity in CaCO3 units	320	100	421	mg/L	96	(80-120)	20	0.48
MSD_201201100324	Alkalinity in CaCO3 units	37	100	140	mg/L	103	(80-120)	20	0.0
QC Ref# 634252 - Specific Conductance by SM2510B							**Analysis Date: 01/12/2012**		
DUP1_201201110128	Specific Conductance	2500		2550	umho/cm		(0-20)	20	0.10
DUP1_201201100324	Specific Conductance	320		321	umho/cm		(0-20)	20	0.25
LCS1	Specific Conductance		1000	1000	umho/cm	100	(95-105)		
LCS2	Specific Conductance		1000	1000	umho/cm	100	(95-105)	20	0.0
MBLK	Specific Conductance			<2	umho/cm				
MRL_CHK	Specific Conductance		2.0	2.00	umho/cm	100	(50-150)		
QC Ref# 634278 - Apparent Color by SM 2120B							**Analysis Date: 01/12/2012**		
DUP1_201201110394	Apparent Color	ND		ND	ACU		(0-20)		

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MBLK	Apparent Color			<3	ACU				
QC Ref# 634283 - PH, Bottled Water by 4500HB/ E 150					**Analysis Date: 01/12/2012**				
DUP_201201130215	PH Bottled Water	7.0		7.04	Units		(0-20)	20	0.17
LCS1	PH Bottled Water		6.0	6.00	Units	100	(98-102)		
LCS2	PH Bottled Water		6.0	5.98	Units	100	(98-102)	20	0.33
QC Ref# 634343 - Volatile Organics by GCMS by EPA 524.2					**Analysis Date: 01/12/2012**				
LCS1	1,1,1,2-Tetrachloroethane		5.0	5.87	ug/L	117	(70-130)		
LCS2	1,1,1,2-Tetrachloroethane		5.0	5.25	ug/L	105	(70-130)	20	11
MBLK	1,1,1,2-Tetrachloroethane			<0.25	ug/L				
MRL_CHK	1,1,1,2-Tetrachloroethane		0.5	0.470	ug/L	94	(50-150)		
LCS1	1,1,1-Trichloroethane		5.0	5.71	ug/L	114	(70-130)		
LCS2	1,1,1-Trichloroethane		5.0	5.19	ug/L	104	(70-130)	20	9.5
MBLK	1,1,1-Trichloroethane			<0.25	ug/L				
MRL_CHK	1,1,1-Trichloroethane		0.5	0.480	ug/L	96	(50-150)		
LCS1	1,1,2,2-Tetrachloroethane		5.0	5.6	ug/L	112	(70-130)		
LCS2	1,1,2,2-Tetrachloroethane		5.0	5.1	ug/L	102	(70-130)	20	9.3
MBLK	1,1,2,2-Tetrachloroethane			<0.25	ug/L				
MRL_CHK	1,1,2,2-Tetrachloroethane		0.5	0.520	ug/L	104	(50-150)		
LCS1	1,1,2-Trichloroethane		5.0	5.89	ug/L	118	(70-130)		
LCS2	1,1,2-Trichloroethane		5.0	5.2	ug/L	104	(70-130)	20	12
MBLK	1,1,2-Trichloroethane			<0.25	ug/L				
MRL_CHK	1,1,2-Trichloroethane		0.5	0.440	ug/L	88	(50-150)		
LCS1	1,1-Dichloroethane		5.0	5.58	ug/L	112	(70-130)		
LCS2	1,1-Dichloroethane		5.0	4.88	ug/L	98	(70-130)	20	13
MBLK	1,1-Dichloroethane			<0.25	ug/L				
MRL_CHK	1,1-Dichloroethane		0.5	0.520	ug/L	104	(50-150)		
LCS1	1,1-Dichloroethylene		5.0	5.05	ug/L	101	(70-130)		
LCS2	1,1-Dichloroethylene		5.0	4.68	ug/L	94	(70-130)	20	7.6
MBLK	1,1-Dichloroethylene			<0.25	ug/L				
MRL_CHK	1,1-Dichloroethylene		0.5	0.430	ug/L	86	(50-150)		
LCS1	1,2,4-Trichlorobenzene		5.0	5.34	ug/L	107	(70-130)		
LCS2	1,2,4-Trichlorobenzene		5.0	4.73	ug/L	95	(70-130)	20	12
MBLK	1,2,4-Trichlorobenzene			<0.25	ug/L				
MRL_CHK	1,2,4-Trichlorobenzene		0.5	0.450	ug/L	90	(50-150)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
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Pacific Gas and Electric
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS1	1,2-Dichloroethane		5.0	5.82	ug/L	116	(70-130)		
LCS2	1,2-Dichloroethane		5.0	5.51	ug/L	110	(70-130)	20	5.5
MBLK	1,2-Dichloroethane			<0.25	ug/L				
MRL_CHK	1,2-Dichloroethane		0.5	0.510	ug/L	102	(50-150)		
LCS1	1,2-Dichloroethane-d4 (S)			111	%	111	(70-130)		
LCS2	1,2-Dichloroethane-d4 (S)			106	%	106	(70-130)		
MBLK	1,2-Dichloroethane-d4 (S)			106	%	106	(70-130)		
MRL_CHK	1,2-Dichloroethane-d4 (S)			106	%	106	(70-130)		
MRLLW	1,2-Dichloroethane-d4 (S)			112	%	112	(70-130)		
LCS1	1,2-Dichloropropane		5.0	5.49	ug/L	110	(70-130)		
LCS2	1,2-Dichloropropane		5.0	4.91	ug/L	98	(70-130)	20	11
MBLK	1,2-Dichloropropane			<0.25	ug/L				
MRL_CHK	1,2-Dichloropropane		0.5	0.450	ug/L	90	(50-150)		
LCS1	4-Bromofluorobenzene (S)			96.4	%	96	(70-130)		
LCS2	4-Bromofluorobenzene (S)			101	%	101	(70-130)		
MBLK	4-Bromofluorobenzene (S)			104	%	104	(70-130)		
MRL_CHK	4-Bromofluorobenzene (S)			102	%	102	(70-130)		
MRLLW	4-Bromofluorobenzene (S)			99.0	%	99	(70-130)		
LCS1	Benzene		5.0	5.52	ug/L	110	(70-130)		
LCS2	Benzene		5.0	4.92	ug/L	98	(70-130)	20	12
MBLK	Benzene			<0.25	ug/L				
MRL_CHK	Benzene		0.5	0.470	ug/L	94	(50-150)		
LCS1	Bromodichloromethane		5.0	5.68	ug/L	114	(70-130)		
LCS2	Bromodichloromethane		5.0	5.29	ug/L	106	(70-130)	20	7.1
MBLK	Bromodichloromethane			<0.25	ug/L				
MRL_CHK	Bromodichloromethane		0.5	0.430	ug/L	86	(50-150)		
LCS1	Bromoform		5.0	4.77	ug/L	95	(70-130)		
LCS2	Bromoform		5.0	4.64	ug/L	93	(70-130)	20	2.8
MBLK	Bromoform			<0.25	ug/L				
MRL_CHK	Bromoform		0.5	0.370	ug/L	74	(50-150)		
LCS1	Carbon Tetrachloride		5.0	5.8	ug/L	116	(70-130)		
LCS2	Carbon Tetrachloride		5.0	5.05	ug/L	101	(70-130)	20	14
MBLK	Carbon Tetrachloride			<0.25	ug/L				
MRL_CHK	Carbon Tetrachloride		0.5	0.560	ug/L	112	(50-150)		
LCS1	Chlorobenzene		5.0	5.5	ug/L	110	(70-130)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
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QC Report: 385470

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	Chlorobenzene		5.0	4.97	ug/L	99	(70-130)	20	10
MBLK	Chlorobenzene			<0.25	ug/L				
MRL_CHK	Chlorobenzene		0.5	0.450	ug/L	90	(50-150)		
LCS1	Chlorodibromomethane		5.0	5.59	ug/L	112	(70-130)		
LCS2	Chlorodibromomethane		5.0	5.18	ug/L	104	(70-130)	20	7.6
MBLK	Chlorodibromomethane			<0.25	ug/L				
MRL_CHK	Chlorodibromomethane		0.5	0.420	ug/L	84	(50-150)		
LCS1	Chloroform (Trichloromethane)		5.0	5.94	ug/L	119	(70-130)		
LCS2	Chloroform (Trichloromethane)		5.0	5.31	ug/L	106	(70-130)	20	11
MBLK	Chloroform (Trichloromethane)			<0.25	ug/L				
MRL_CHK	Chloroform (Trichloromethane)		0.5	0.510	ug/L	102	(50-150)		
LCS1	cis-1,2-Dichloroethylene		5.0	5.67	ug/L	113	(70-130)		
LCS2	cis-1,2-Dichloroethylene		5.0	5.19	ug/L	104	(70-130)	20	8.8
MBLK	cis-1,2-Dichloroethylene			<0.25	ug/L				
MRL_CHK	cis-1,2-Dichloroethylene		0.5	0.410	ug/L	82	(50-150)		
LCS1	cis-1,3-Dichloropropene		5.0	5.52	ug/L	110	(70-130)		
LCS2	cis-1,3-Dichloropropene		5.0	5.03	ug/L	101	(70-130)	20	9.3
MBLK	cis-1,3-Dichloropropene			<0.25	ug/L				
MRL_CHK	cis-1,3-Dichloropropene		0.5	0.440	ug/L	88	(50-150)		
LCS1	Dichloromethane		5.0	5.38	ug/L	108	(70-130)		
LCS2	Dichloromethane		5.0	5.03	ug/L	101	(70-130)	20	6.7
MBLK	Dichloromethane			<0.25	ug/L				
MRL_CHK	Dichloromethane		0.5	0.510	ug/L	102	(50-150)		
LCS1	Ethyl benzene		5.0	6.00	ug/L	120	(70-130)		
LCS2	Ethyl benzene		5.0	5.13	ug/L	103	(70-130)	20	16
MBLK	Ethyl benzene			<0.25	ug/L				
MRL_CHK	Ethyl benzene		0.5	0.430	ug/L	86	(50-150)		
LCS1	m,p-Xylenes		10	11.8	ug/L	118	(70-130)		
LCS2	m,p-Xylenes		10	10.3	ug/L	103	(70-130)	20	14
MBLK	m,p-Xylenes			<0.25	ug/L				
MRL_CHK	m,p-Xylenes		1.0	0.820	ug/L	82	(50-150)		
MRLLW	m,p-Xylenes		0.5	0.500	ug/L	100	(50-150)		
LCS1	Methyl Tert-butyl ether (MTBE)		5.0	5.57	ug/L	111	(70-130)		
LCS2	Methyl Tert-butyl ether (MTBE)		5.0	5.01	ug/L	100	(70-130)	20	11
MBLK	Methyl Tert-butyl ether (MTBE)			<0.25	ug/L				

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(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MRL_CHK	Methyl Tert-butyl ether (MTBE)		0.5	0.480	ug/L	96	(50-150)		
LCS1	o-Dichlorobenzene (1,2-DCB)		5.0	5.51	ug/L	110	(70-130)		
LCS2	o-Dichlorobenzene (1,2-DCB)		5.0	5.16	ug/L	103	(70-130)	20	6.6
MBLK	o-Dichlorobenzene (1,2-DCB)			<0.25	ug/L				
MRL_CHK	o-Dichlorobenzene (1,2-DCB)		0.5	0.500	ug/L	100	(50-150)		
LCS1	o-Xylene		5.0	5.67	ug/L	113	(70-130)		
LCS2	o-Xylene		5.0	5.3	ug/L	106	(70-130)	20	6.8
MBLK	o-Xylene			<0.25	ug/L				
MRL_CHK	o-Xylene		0.5	0.440	ug/L	88	(50-150)		
LCS1	p-Dichlorobenzene (1,4-DCB)		5.0	5.41	ug/L	108	(70-130)		
LCS2	p-Dichlorobenzene (1,4-DCB)		5.0	5.01	ug/L	100	(70-130)	20	7.7
MBLK	p-Dichlorobenzene (1,4-DCB)			<0.25	ug/L				
MRL_CHK	p-Dichlorobenzene (1,4-DCB)		0.5	0.500	ug/L	100	(50-150)		
LCS1	Styrene		5.0	5.95	ug/L	119	(70-130)		
LCS2	Styrene		5.0	5.53	ug/L	111	(70-130)	20	7.3
MBLK	Styrene			<0.25	ug/L				
MRL_CHK	Styrene		0.5	0.370	ug/L	74	(50-150)		
LCS1	Tetrachloroethylene (PCE)		5.0	5.06	ug/L	101	(70-130)		
LCS2	Tetrachloroethylene (PCE)		5.0	4.84	ug/L	97	(70-130)	20	4.4
MBLK	Tetrachloroethylene (PCE)			<0.25	ug/L				
MRL_CHK	Tetrachloroethylene (PCE)		0.5	0.460	ug/L	92	(50-150)		
LCS1	Toluene		5.0	5.76	ug/L	115	(70-130)		
LCS2	Toluene		5.0	5.19	ug/L	104	(70-130)	20	10
MBLK	Toluene			<0.25	ug/L				
MRL_CHK	Toluene		0.5	0.480	ug/L	96	(50-150)		
LCS1	Toluene-d8 (S)			103	%	103	(70-130)		
LCS2	Toluene-d8 (S)			101	%	101	(70-130)		
MBLK	Toluene-d8 (S)			96.4	%	96	(70-130)		
MRL_CHK	Toluene-d8 (S)			96.4	%	96	(70-130)		
MRLLW	Toluene-d8 (S)			93.8	%	94	(70-130)		
LCS1	trans-1,2-Dichloroethylene		5.0	5.29	ug/L	106	(70-130)		
LCS2	trans-1,2-Dichloroethylene		5.0	4.91	ug/L	98	(70-130)	20	7.5
MBLK	trans-1,2-Dichloroethylene			<0.25	ug/L				
MRL_CHK	trans-1,2-Dichloroethylene		0.5	0.460	ug/L	92	(50-150)		
LCS1	trans-1,3-Dichloropropene		5.0	5.75	ug/L	115	(70-130)		

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(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	trans-1,3-Dichloropropene		5.0	5.2	ug/L	104	(70-130)	20	10
MBLK	trans-1,3-Dichloropropene			<0.25	ug/L				
MRL_CHK	trans-1,3-Dichloropropene		0.5	0.400	ug/L	80	(50-150)		
LCS1	Trichloroethylene (TCE)		5.0	5.66	ug/L	113	(70-130)		
LCS2	Trichloroethylene (TCE)		5.0	4.87	ug/L	97	(70-130)	20	15
MBLK	Trichloroethylene (TCE)			<0.25	ug/L				
MRL_CHK	Trichloroethylene (TCE)		0.5	0.470	ug/L	94	(50-150)		
LCS1	Trichlorofluoromethane		5.0	6.2	ug/L	124	(70-130)		
LCS2	Trichlorofluoromethane		5.0	5.52	ug/L	110	(70-130)	20	12
MBLK	Trichlorofluoromethane			<0.25	ug/L				
MRL_CHK	Trichlorofluoromethane		0.5	0.380	ug/L	76	(50-150)		
LCS1	Trichlorotrifluoroethane(Freon		5.0	5.64	ug/L	113	(70-130)		
LCS2	Trichlorotrifluoroethane(Freon		5.0	4.95	ug/L	99	(70-130)	20	13
MBLK	Trichlorotrifluoroethane(Freon			<0.25	ug/L				
MRL_CHK	Trichlorotrifluoroethane(Freon		0.5	0.420	ug/L	84	(50-150)		
LCS1	Vinyl chloride (VC)		5.0	5.68	ug/L	114	(70-130)		
LCS2	Vinyl chloride (VC)		5.0	4.95	ug/L	99	(70-130)	20	14
MBLK	Vinyl chloride (VC)			<0.15	ug/L				
MRL_CHK	Vinyl chloride (VC)		0.5	0.430	ug/L	86	(50-150)		
MRLLW	Vinyl chloride (VC)		0.25	0.240	ug/L	96	(50-150)		
QC Ref# 634357 - ICP Metals by EPA 200.7						**Analysis Date: 01/17/2012**			
LCS1	Calcium Total ICAP		50	49.9	mg/L	100	(85-115)		
LCS2	Calcium Total ICAP		50	49.3	mg/L	99	(85-115)	20	1.2
MBLK	Calcium Total ICAP			<1	mg/L				
MRL_CHK	Calcium Total ICAP		1.0	0.971	mg/L	97	(50-150)		
MS_201201110263	Calcium Total ICAP	4.1	50	53.7	mg/L	99	(70-130)		
MS2_201201110264	Calcium Total ICAP	ND	50	50.5	mg/L	101	(70-130)		
MSD_201201110263	Calcium Total ICAP	4.1	50	53.1	mg/L	98	(70-130)	20	1.1
MSD2_201201110264	Calcium Total ICAP	ND	50	50.3	mg/L	101	(70-130)	20	0.40
LCS1	Iron Total ICAP		5.0	4.91	mg/L	98	(85-115)		
LCS2	Iron Total ICAP		5.0	4.9	mg/L	98	(85-115)	20	0.20
MBLK	Iron Total ICAP			<0.02	mg/L				
MRL_CHK	Iron Total ICAP		0.02	0.0211	mg/L	106	(50-150)		
MS_201201110263	Iron Total ICAP	ND	5.0	4.9	mg/L	98	(70-130)		
MS2_201201110264	Iron Total ICAP	ND	5.0	5.01	mg/L	100	(70-130)		

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MSD_201201110263	Iron Total ICAP	ND	5.0	4.89	mg/L	98	(70-130)	20	0.20
MSD2_201201110264	Iron Total ICAP	ND	5.0	4.97	mg/L	99	(70-130)	20	0.80
LCS1	Magnesium Total ICAP		20	20.4	mg/L	102	(85-115)		
LCS2	Magnesium Total ICAP		20	20.3	mg/L	101	(85-115)	20	0.49
MBLK	Magnesium Total ICAP			<0.1	mg/L				
MRL_CHK	Magnesium Total ICAP		0.1	0.106	mg/L	106	(50-150)		
MS_201201110263	Magnesium Total ICAP	1.9	20	22.2	mg/L	101	(70-130)		
MS2_201201110264	Magnesium Total ICAP	3.1	20	23.6	mg/L	102	(70-130)		
MSD_201201110263	Magnesium Total ICAP	1.9	20	22.0	mg/L	100	(70-130)	20	0.91
MSD2_201201110264	Magnesium Total ICAP	3.1	20	23.5	mg/L	102	(70-130)	20	0.43
LCS1	Potassium Total ICAP		20	19.5	mg/L	97	(85-115)		
LCS2	Potassium Total ICAP		20	19.3	mg/L	97	(85-115)	20	1.0
MBLK	Potassium Total ICAP			<1	mg/L				
MRL_CHK	Potassium Total ICAP		1.0	1.03	mg/L	103	(50-150)		
MS_201201110263	Potassium Total ICAP	4.1	20	23.2	mg/L	95	(70-130)		
MS2_201201110264	Potassium Total ICAP	3	20	22.4	mg/L	96	(70-130)		
MSD_201201110263	Potassium Total ICAP	4.1	20	23.2	mg/L	95	(70-130)	20	0.0
MSD2_201201110264	Potassium Total ICAP	3	20	22.4	mg/L	96	(70-130)	20	0.0
LCS1	Sodium Total ICAP		50	49.3	mg/L	99	(85-115)		
LCS2	Sodium Total ICAP		50	48.8	mg/L	98	(85-115)	20	1.0
MBLK	Sodium Total ICAP			<1	mg/L				
MRL_CHK	Sodium Total ICAP		1.0	1.07	mg/L	107	(50-150)		
MS_201201110263	Sodium Total ICAP	ND	50	49.2	mg/L	98	(70-130)		
MS2_201201110264	Sodium Total ICAP	1.8	50	50.7	mg/L	98	(70-130)		
MSD_201201110263	Sodium Total ICAP	ND	50	48.7	mg/L	97	(70-130)	20	1.0
MSD2_201201110264	Sodium Total ICAP	1.8	50	50.6	mg/L	98	(70-130)	20	0.20

QC Ref# 634370 - Surfactants by SM 5540C/EPA 425.1 **Analysis Date: 01/12/2012**

LCS1	Surfactants		0.2	0.204	mg/L	102	(90-110)		
LCS2	Surfactants		0.2	0.198	mg/L	99	(90-110)	20	3.0
MBLK	Surfactants			<0.05	mg/L				
MRL_CHK	Surfactants		0.05	0.0410	mg/L	82	(50-150)		
MS_201201120234	Surfactants	ND	0.2	0.209	mg/L	105	(80-120)		
MSD_201201120234	Surfactants	ND	0.2	0.213	mg/L	106	(80-120)	20	1.9

QC Ref# 634392 - Organochlorine Pesticides/PCBs by EPA 505 **Analysis Date: 01/14/2012**

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
CCCH	Alachlor (Alanex)		1.0	1.06	ug/L	106	(70-130)		
CCCH	Alachlor (Alanex)		1.0	0.988	ug/L	99	(70-130)		
MBLK	Alachlor (Alanex)			<0.1	ug/L				
MRL_CHK	Alachlor (Alanex)		0.1	0.116	ug/L	116	(50-150)		
MS1_201201090048	Alachlor (Alanex)	ND	0.2	0.213	ug/L	98	(65-135)		
MS2_201201100055	Alachlor (Alanex)	ND	1.0	0.914	ug/L	91	(65-135)		
CCCH	Chlordane		0.5	0.434	ug/L	87	(70-130)		
MBLK	Chlordane			<0.1	ug/L				
MRL_CHK	Chlordane		0.1	0.0746	ug/L	75	(50-150)		
MS1_201201090048	Chlordane	ND	0.5	0.481	ug/L	96	(65-135)		
MS2_201201100055	Chlordane	ND	0.5	0.471	ug/L	94	(65-135)		
CCCH	Endrin		0.1	0.0984	ug/L	98	(70-130)		
CCCH	Endrin		0.1	0.107	ug/L	107	(70-130)		
MBLK	Endrin			<0.01	ug/L				
MRL_CHK	Endrin		0.01	0.0105	ug/L	105	(50-150)		
MS1_201201090048	Endrin	ND	0.02	0.0195	ug/L	98	(65-135)		
MS2_201201100055	Endrin	ND	0.1	0.0905	ug/L	91	(65-135)		
CCCH	Heptachlor		0.1	0.0981	ug/L	98	(70-130)		
CCCH	Heptachlor		0.1	0.106	ug/L	106	(70-130)		
MBLK	Heptachlor			<0.01	ug/L				
MRL_CHK	Heptachlor		0.01	0.0109	ug/L	109	(50-150)		
MS1_201201090048	Heptachlor	ND	0.02	0.0194	ug/L	97	(65-135)		
MS2_201201100055	Heptachlor	ND	0.1	0.0884	ug/L	88	(65-135)		
CCCH	Heptachlor Epoxide		0.1	0.115	ug/L	115	(70-130)		
CCCH	Heptachlor Epoxide		0.1	0.107	ug/L	107	(70-130)		
MBLK	Heptachlor Epoxide			<0.01	ug/L				
MRL_CHK	Heptachlor Epoxide		0.01	0.0114	ug/L	114	(50-150)		
MS1_201201090048	Heptachlor Epoxide	ND	0.02	0.0199	ug/L	100	(65-135)		
MS2_201201100055	Heptachlor Epoxide	ND	0.1	0.0962	ug/L	96	(65-135)		
CCCH	Lindane (gamma-BHC)		0.1	0.0986	ug/L	99	(70-130)		
CCCH	Lindane (gamma-BHC)		0.1	0.101	ug/L	101	(70-130)		
MBLK	Lindane (gamma-BHC)			<0.01	ug/L				
MRL_CHK	Lindane (gamma-BHC)		0.01	0.0104	ug/L	104	(50-150)		
MS1_201201090048	Lindane (gamma-BHC)	ND	0.02	0.0192	ug/L	96	(65-135)		
MS2_201201100055	Lindane (gamma-BHC)	ND	0.1	0.0947	ug/L	91	(65-135)		

Spike recovery is already corrected for native results.
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Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
CCCH	Methoxychlor		0.5	0.367	ug/L	73	(70-130)		
CCCH	Methoxychlor		0.5	0.412	ug/L	82	(70-130)		
MBLK	Methoxychlor			<0.05	ug/L				
MRL_CHK	Methoxychlor		0.05	0.0382	ug/L	76	(50-150)		
MS1_201201090048	Methoxychlor	ND	0.1	0.0931	ug/L	93	(65-135)		
MS2_201201100055	Methoxychlor	ND	0.5	0.353	ug/L	71	(65-135)		
MBLK	PCB 1016 Aroclor			<0.08	ug/L				
MBLK	PCB 1221 Aroclor			<0.1	ug/L				
MBLK	PCB 1232 Aroclor			<0.1	ug/L				
MBLK	PCB 1242 Aroclor			<0.1	ug/L				
MBLK	PCB 1248 Aroclor			<0.1	ug/L				
MBLK	PCB 1254 Aroclor			<0.1	ug/L				
MBLK	PCB 1260 Aroclor			<0.1	ug/L				
CCCH	Tetrachlorometaxylene (S)			103	%	103	(70-130)		
CCCH	Tetrachlorometaxylene (S)			97.5	%	98	(70-130)		
MBLK	Tetrachlorometaxylene (S)			90.2	%	90	(70-130)		
MRL_CHK	Tetrachlorometaxylene (S)			95.7	%	96	(70-130)		
MS1_201201090048	Tetrachlorometaxylene (S)			89.7	%	90	(70-130)		
MS2_201201100055	Tetrachlorometaxylene (S)			83.6	%	84	(70-130)		
MBLK	Total PCBs			<0.08	ug/L				
MBLK	Toxaphene			<0.5	ug/L				
QC Ref# 634497 - Diquat and Paraquat by EPA 549.2					**Analysis Date: 01/13/2012**				
CCCL	Diquat		0.4	0.395	ug/L	99	(80-120)		
CCCM	Diquat		10	10.0	ug/L	100	(80-120)		
LCS1	Diquat		5.0	4.64	ug/L	93	(70-130)		
LCS2	Diquat		5.0	4.38	ug/L	88	(70-130)	20	5.8
MBLK	Diquat			<0.2	ug/L				
MRL_CHK	Diquat		0.4	0.364	ug/L	91	(50-150)		
MS_201201120234	Diquat	ND	5.0	4.62	ug/L	92	(70-130)		
MS2_201201120232	Diquat	ND	5.0	4.78	ug/L	96	(70-130)		
MSD_201201120234	Diquat	ND	5.0	4.57	ug/L	92	(70-130)	20	1.1
QC Ref# 634524 - Perchlorate by EPA 314.0					**Analysis Date: 01/18/2012**				
LCS1	Perchlorate		25	26.0	ug/L	104	(85-115)		
LCS2	Perchlorate		25	26.2	ug/L	105	(85-115)	15	0.77

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(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MBLK	Perchlorate			<4	ug/L				
MRL_CHK	Perchlorate		4.0	4.6	ug/L	115	(75-125)		
MS_201201120438	Perchlorate	ND	25	25.5	ug/L	102	(80-120)		
MSD_201201120438	Perchlorate	ND	25	25.6	ug/L	103	(80-120)	15	0.39
QC Ref# 634547 - Turbidity by EPA 180.1					**Analysis Date: 01/12/2012**				
DUP1_201201110394	Turbidity	ND		0.0420	NTU		(0-10)	10	4.9
LCS1	Turbidity		20	20.3	NTU	102	(90-110)		
LCS2	Turbidity		20	20.6	NTU	103	(90-110)	20	1.5
MBLK	Turbidity			<0.05	NTU				
MRL_CHK	Turbidity		0.05	0.0600	NTU	120	(50-150)		
QC Ref# 634573 - Odor at 60 C (TON) by SM 2150B					**Analysis Date: 01/12/2012**				
DUP1_201201110394	Odor at 60 C (TON)	ND		ND	TON		(0-20)		
MBLK	Odor at 60 C (TON)			<1	TON				
QC Ref# 634628 - EDB/DBCP/HAN by EPA 551.1 by EPA 551.1					**Analysis Date: 01/13/2012**				
CCC3	1,2-Dibromopropane (S)			94.8	%	95	(80-120)		
CCCM2	1,2-Dibromopropane (S)			104	%	104	(80-120)		
DUP1_201201100276	1,2-Dibromopropane (S)			105	%	105	(80-120)		
DUP2_201201110418	1,2-Dibromopropane (S)			101	%	101	(80-120)		
LCS2	1,2-Dibromopropane (S)			102	%	102	(80-120)		
MBLK	1,2-Dibromopropane (S)			107	%	107	(80-120)		
MRL_CHK	1,2-Dibromopropane (S)			109	%	109	(80-120)		
MS_201201110417	1,2-Dibromopropane (S)			102	%	102	(80-120)		
MS2_201201100254	1,2-Dibromopropane (S)			104	%	104	(80-120)		
CCC3	Dibromochloropropane (DBCP)		0.25	0.219	ug/L	87	(80-120)		
CCCM2	Dibromochloropropane (DBCP)		0.05	0.0461	ug/L	92	(80-120)		
DUP1_201201100276	Dibromochloropropane (DBCP)	ND		ND	ug/L		(0-20)		
DUP2_201201110418	Dibromochloropropane (DBCP)	ND		ND	ug/L		(0-20)		
LCS2	Dibromochloropropane (DBCP)		0.02	0.0184	ug/L	92	(80-120)		
MBLK	Dibromochloropropane (DBCP)			<0.01	ug/L				
MRL_CHK	Dibromochloropropane (DBCP)		0.01	0.00830	ug/L	83	(50-150)		
MS_201201110417	Dibromochloropropane (DBCP)	0.041	0.25	0.287	ug/L	98	(80-120)		
MS2_201201100254	Dibromochloropropane (DBCP)	ND	0.05	0.0417	ug/L	83	(80-120)		
CCC3	Ethylene Dibromide (EDB)		0.25	0.215	ug/L	86	(80-120)		
CCCM2	Ethylene Dibromide (EDB)		0.05	0.0500	ug/L	100	(80-120)		

Spike recovery is already corrected for native results.
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Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
DUP1_201201100276	Ethylene Dibromide (EDB)	ND		ND	ug/L		(0-20)		
DUP2_201201110418	Ethylene Dibromide (EDB)	ND		ND	ug/L		(0-20)		
LCS2	Ethylene Dibromide (EDB)		0.02	0.0214	ug/L	107	(80-120)		
MBLK	Ethylene Dibromide (EDB)			<0.01	ug/L				
MRL_CHK	Ethylene Dibromide (EDB)		0.01	0.00880	ug/L	88	(50-150)		
MS_201201110417	Ethylene Dibromide (EDB)	ND	0.25	0.243	ug/L	97	(80-120)		
MS2_201201100254	Ethylene Dibromide (EDB)	ND	0.05	0.0402	ug/L	80	(80-120)		
QC Ref# 634650 - Endothall by EPA 548.1					**Analysis Date: 01/17/2012**				
LCS1	Endothall		25	23.2	ug/L	93	(63-144)		
MBLK	Endothall			<5	ug/L				
MRL_CHK	Endothall		5.0	5.11	ug/L	102	(50-150)		
MS_201201120232	Endothall	ND	25	20.5	ug/L	82	(38-157)		
QC Ref# 634701 - Semivolatiles by GCMS by EPA 525.2					**Analysis Date: 01/17/2012**				
LCS1	1,3-Dimethyl-2-nitrobenzene (S)			96.9	%	97	(70-130)		
LCS2	1,3-Dimethyl-2-nitrobenzene (S)			91.7	%	92	(70-130)		
MBLK	1,3-Dimethyl-2-nitrobenzene (S)			96.8	%	97	(70-130)		
MRL_CHK	1,3-Dimethyl-2-nitrobenzene (S)			97.0	%	97	(70-130)		
MS_201201110368	1,3-Dimethyl-2-nitrobenzene (S)			101	%	101	(70-130)		
LCS1	Acenaphthene-d10 (I)			120	%	120	(50-150)		
LCS2	Acenaphthene-d10 (I)			118	%	118	(50-150)		
MBLK	Acenaphthene-d10 (I)			111	%	111	(50-150)		
MRL_CHK	Acenaphthene-d10 (I)			109	%	109	(50-150)		
MS_201201110368	Acenaphthene-d10 (I)			99.2	%	99	(50-150)		
LCS1	Alachlor		2.0	1.9	ug/L	95	(70-130)		
LCS2	Alachlor		2.0	1.92	ug/L	96	(70-130)	20	1.1
MBLK	Alachlor			<0.025	ug/L				
MRL_CHK	Alachlor		0.05	0.0510	ug/L	102	(50-150)		
MS_201201110368	Alachlor	ND	2.0	2.00	ug/L	100	(70-130)		
LCS1	Atrazine		2.0	2.01	ug/L	101	(70-130)		
LCS2	Atrazine		2.0	2.00	ug/L	100	(70-130)	20	0.50
MBLK	Atrazine			<0.025	ug/L				
MRL_CHK	Atrazine		0.05	0.0550	ug/L	110	(50-150)		
MS_201201110368	Atrazine	ND	2.0	2.04	ug/L	102	(70-130)		
LCS1	Benzo(a)pyrene		2.0	1.93	ug/L	97	(70-130)		

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Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
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RPD not calculated for LCS2 when different a concentration than LCS1 is used.
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385470

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	Benzo(a)pyrene		2.0	1.91	ug/L	96	(70-130)	20	1.0
MBLK	Benzo(a)pyrene			<0.01	ug/L				
MRL_CHK	Benzo(a)pyrene		0.02	0.0150	ug/L	75	(50-150)		
MS_201201110368	Benzo(a)pyrene	ND	2.0	1.9	ug/L	95	(70-130)		
LCS1	Chrysene-d12 (I)			128	%	128	(50-150)		
LCS2	Chrysene-d12 (I)			127	%	127	(50-150)		
MBLK	Chrysene-d12 (I)			114	%	114	(50-150)		
MRL_CHK	Chrysene-d12 (I)			108	%	108	(50-150)		
MS_201201110368	Chrysene-d12 (I)			97.5	%	98	(50-150)		
LCS1	Di-(2-Ethylhexyl)adipate		2.0	1.83	ug/L	91	(70-130)		
LCS2	Di-(2-Ethylhexyl)adipate		2.0	1.86	ug/L	93	(70-130)	20	1.6
MBLK	Di-(2-Ethylhexyl)adipate			<0.15	ug/L				
MRL_CHK	Di-(2-Ethylhexyl)adipate		0.3	0.280	ug/L	93	(50-150)		
MS_201201110368	Di-(2-Ethylhexyl)adipate	ND	2.0	1.72	ug/L	86	(70-130)		
LCS1	Di(2-Ethylhexyl)phthalate		2.0	1.89	ug/L	95	(70-130)		
LCS2	Di(2-Ethylhexyl)phthalate		2.0	1.92	ug/L	96	(70-130)	20	1.6
MBLK	Di(2-Ethylhexyl)phthalate			<0.15	ug/L				
MRL_CHK	Di(2-Ethylhexyl)phthalate		0.6	0.665	ug/L	111	(50-150)		
MS_201201110368	Di(2-Ethylhexyl)phthalate	ND	2.0	1.84	ug/L	92	(70-130)		
LCS1	Hexachlorobenzene		2.0	1.88	ug/L	94	(70-130)		
LCS2	Hexachlorobenzene		2.0	1.89	ug/L	95	(70-130)	20	0.53
MBLK	Hexachlorobenzene			<0.025	ug/L				
MRL_CHK	Hexachlorobenzene		0.05	0.0490	ug/L	98	(50-150)		
MS_201201110368	Hexachlorobenzene	ND	2.0	1.84	ug/L	92	(70-130)		
LCS1	Hexachlorocyclopentadiene		2.0	1.63	ug/L	82	(70-130)		
LCS2	Hexachlorocyclopentadiene		2.0	1.7	ug/L	85	(70-130)	20	4.2
MBLK	Hexachlorocyclopentadiene			<0.025	ug/L				
MRL_CHK	Hexachlorocyclopentadiene		0.05	0.0570	ug/L	114	(50-150)		
MS_201201110368	Hexachlorocyclopentadiene	ND	2.0	1.75	ug/L	87	(70-130)		
LCS1	Molinate		2.0	1.94	ug/L	97	(70-130)		
LCS2	Molinate		2.0	1.87	ug/L	94	(70-130)	20	3.7
MBLK	Molinate			<0.05	ug/L				
MRL_CHK	Molinate		0.1	0.100	ug/L	100	(50-150)		
MS_201201110368	Molinate	ND	2.0	1.93	ug/L	97	(70-130)		
LCS1	Perylene-d12 (S)			92.1	%	92	(70-130)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385470

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	Perylene-d12 (S)			92.6	%	93	(70-130)		
MBLK	Perylene-d12 (S)			80.6	%	81	(70-130)		
MRL_CHK	Perylene-d12 (S)			80.7	%	81	(70-130)		
MS_201201110368	Perylene-d12 (S)			91.2	%	91	(70-130)		
LCS1	Phenanthrene-d10 (I)			130	%	130	(50-150)		
LCS2	Phenanthrene-d10 (I)			127	%	127	(50-150)		
MBLK	Phenanthrene-d10 (I)			116	%	116	(50-150)		
MRL_CHK	Phenanthrene-d10 (I)			117	%	117	(50-150)		
MS_201201110368	Phenanthrene-d10 (I)			103	%	103	(50-150)		
LCS1	Simazine		2.0	1.83	ug/L	91	(70-130)		
LCS2	Simazine		2.0	1.87	ug/L	94	(70-130)	20	2.2
MBLK	Simazine			<0.025	ug/L				
MRL_CHK	Simazine		0.05	0.0480	ug/L	96	(50-150)		
MS_201201110368	Simazine	ND	2.0	1.95	ug/L	97	(70-130)		
LCS1	Thiobencarb		2.0	1.85	ug/L	93	(70-130)		
LCS2	Thiobencarb		2.0	1.87	ug/L	93	(70-130)	20	1.1
MBLK	Thiobencarb			<0.1	ug/L				
MRL_CHK	Thiobencarb		0.1	0.0880	ug/L	88	(50-150)		
MS_201201110368	Thiobencarb	ND	2.0	1.94	ug/L	97	(70-130)		
LCS1	Triphenylphosphate (S)			102	%	102	(70-130)		
LCS2	Triphenylphosphate (S)			101	%	101	(70-130)		
MBLK	Triphenylphosphate (S)			102	%	102	(70-130)		
MRL_CHK	Triphenylphosphate (S)			100	%	100	(70-130)		
MS_201201110368	Triphenylphosphate (S)			101	%	101	(70-130)		
QC Ref# 634786 - Endothall by EPA 548.1						**Analysis Date: 01/18/2012**			
MS_2ND_201201120234	Endothall	ND	25	20.3	ug/L	81	(38-157)		
MSD_201201120232	Endothall	ND	25	22.4	ug/L	90	(38-157)	30	8.9
QC Ref# 634980 - ICPMS Metals by EPA 200.8						**Analysis Date: 01/19/2012**			
LCS1	Silver Total ICAP/MS		50	51.0	ug/L	102	(85-115)		
LCS2	Silver Total ICAP/MS		50	50.8	ug/L	102	(85-115)	20	0.39
MBLK	Silver Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Silver Total ICAP/MS		0.5	0.501	ug/L	100	(50-150)		
MS_201201110394	Silver Total ICAP/MS	ND	50	53.7	ug/L	107	(70-130)		
MSD_201201110394	Silver Total ICAP/MS	ND	50	53.6	ug/L	107	(70-130)	20	0.19

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 634985 - ICPMS Metals by EPA 200.8						**Analysis Date: 01/20/2012**			
LCS1	Aluminum Total ICAP/MS		200	199	ug/L	100	(85-115)		
LCS2	Aluminum Total ICAP/MS		200	195	ug/L	98	(85-115)	20	2.0
MBLK	Aluminum Total ICAP/MS			<20	ug/L				
MRL_CHK	Aluminum Total ICAP/MS		20	21.2	ug/L	106	(50-150)		
MS_201201110394	Aluminum Total ICAP/MS	ND	200	195	ug/L	97	(70-130)		
MSD_201201110394	Aluminum Total ICAP/MS	ND	200	183	ug/L	91	(70-130)	20	6.3
LCS1	Antimony Total ICAP/MS		50	50.5	ug/L	101	(85-115)		
LCS2	Antimony Total ICAP/MS		50	50.1	ug/L	100	(85-115)	20	0.80
MBLK	Antimony Total ICAP/MS			<1	ug/L				
MRL_CHK	Antimony Total ICAP/MS		1.0	0.970	ug/L	97	(50-150)		
MS_201201110394	Antimony Total ICAP/MS	ND	50	48.5	ug/L	97	(70-130)		
MSD_201201110394	Antimony Total ICAP/MS	ND	50	46.6	ug/L	93	(70-130)	20	4.0
LCS1	Arsenic Total ICAP/MS		20	18.2	ug/L	91	(85-115)		
LCS2	Arsenic Total ICAP/MS		20	18.2	ug/L	91	(85-115)	20	0.0
MBLK	Arsenic Total ICAP/MS			<1	ug/L				
MRL_CHK	Arsenic Total ICAP/MS		1.0	0.968	ug/L	97	(50-150)		
MS_201201110394	Arsenic Total ICAP/MS	ND	20	18.5	ug/L	92	(70-130)		
MSD_201201110394	Arsenic Total ICAP/MS	ND	20	17.4	ug/L	87	(70-130)	20	6.1
LCS1	Barium Total ICAP/MS		100	98.9	ug/L	99	(85-115)		
LCS2	Barium Total ICAP/MS		100	94.6	ug/L	95	(85-115)	20	4.4
MBLK	Barium Total ICAP/MS			<2	ug/L				
MRL_CHK	Barium Total ICAP/MS		2.0	1.93	ug/L	96	(50-150)		
MS_201201110394	Barium Total ICAP/MS	ND	100	93.8	ug/L	94	(70-130)		
MSD_201201110394	Barium Total ICAP/MS	ND	100	85.2	ug/L	85	(70-130)	20	9.6
LCS1	Beryllium Total ICAP/MS		5.0	4.59	ug/L	92	(85-115)		
LCS2	Beryllium Total ICAP/MS		5.0	4.61	ug/L	92	(85-115)	20	0.22
MBLK	Beryllium Total ICAP/MS			<1	ug/L				
MRL_CHK	Beryllium Total ICAP/MS		1.0	0.926	ug/L	93	(50-150)		
MS_201201110394	Beryllium Total ICAP/MS	ND	5.0	4.6	ug/L	92	(70-130)		
MSD_201201110394	Beryllium Total ICAP/MS	ND	5.0	4.34	ug/L	87	(70-130)	20	5.6
LCS1	Cadmium Total ICAP/MS		20	18.7	ug/L	94	(85-115)		
LCS2	Cadmium Total ICAP/MS		20	18.5	ug/L	92	(85-115)	20	1.1
MBLK	Cadmium Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Cadmium Total ICAP/MS		0.5	0.465	ug/L	93	(50-150)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS_201201110394	Cadmium Total ICAP/MS	ND	20	19.2	ug/L	96	(70-130)		
MSD_201201110394	Cadmium Total ICAP/MS	ND	20	18.0	ug/L	90	(70-130)	20	6.5
LCS1	Chromium Total ICAP/MS		100	92.5	ug/L	93	(85-115)		
LCS2	Chromium Total ICAP/MS		100	91.9	ug/L	92	(85-115)	20	0.76
MBLK	Chromium Total ICAP/MS			<1	ug/L				
MRL_CHK	Chromium Total ICAP/MS		1.0	0.822	ug/L	82	(50-150)		
MS_201201110394	Chromium Total ICAP/MS	ND	100	90.8	ug/L	91	(70-130)		
MSD_201201110394	Chromium Total ICAP/MS	ND	100	85.3	ug/L	85	(70-130)	20	6.3
LCS1	Copper Total ICAP/MS		100	99.9	ug/L	100	(85-115)		
LCS2	Copper Total ICAP/MS		100	99.6	ug/L	100	(85-115)	20	0.30
MBLK	Copper Total ICAP/MS			<2	ug/L				
MRL_CHK	Copper Total ICAP/MS		2.0	1.98	ug/L	99	(50-150)		
MS_201201110394	Copper Total ICAP/MS	ND	100	99.9	ug/L	100	(70-130)		
MSD_201201110394	Copper Total ICAP/MS	ND	100	94.1	ug/L	94	(70-130)	20	6.0
LCS1	Lead Total ICAP/MS		20	19.2	ug/L	96	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.1	ug/L	96	(85-115)	20	0.52
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.469	ug/L	94	(50-150)		
MS_201201110394	Lead Total ICAP/MS	ND	20	18.8	ug/L	94	(70-130)		
MSD_201201110394	Lead Total ICAP/MS	ND	20	18.0	ug/L	90	(70-130)	20	4.3
LCS1	Manganese Total ICAP/MS		50	50.4	ug/L	101	(85-115)		
LCS2	Manganese Total ICAP/MS		50	50.0	ug/L	100	(85-115)	20	0.60
MBLK	Manganese Total ICAP/MS			<2	ug/L				
MRL_CHK	Manganese Total ICAP/MS		2.0	2.01	ug/L	100	(50-150)		
MS_201201110394	Manganese Total ICAP/MS	ND	50	49.1	ug/L	98	(70-130)		
MSD_201201110394	Manganese Total ICAP/MS	ND	50	46.7	ug/L	93	(70-130)	20	5.0
LCS1	Nickel Total ICAP/MS		50	45.5	ug/L	91	(85-115)		
LCS2	Nickel Total ICAP/MS		50	45.1	ug/L	90	(85-115)	20	0.88
MBLK	Nickel Total ICAP/MS			<5	ug/L				
MRL_CHK	Nickel Total ICAP/MS		5.0	4.69	ug/L	94	(50-150)		
MS_201201110394	Nickel Total ICAP/MS	ND	50	45.0	ug/L	90	(70-130)		
MSD_201201110394	Nickel Total ICAP/MS	ND	50	42.2	ug/L	84	(70-130)	20	6.4
LCS1	Selenium Total ICAP/MS		20	19.2	ug/L	96	(85-115)		
LCS2	Selenium Total ICAP/MS		20	19.7	ug/L	98	(85-115)	20	2.6
MBLK	Selenium Total ICAP/MS			<5	ug/L				

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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QC Report: 385470

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MRL_CHK	Selenium Total ICAP/MS		5.0	4.91	ug/L	98	(50-150)		
MS_201201110394	Selenium Total ICAP/MS	ND	20	21.3	ug/L	107	(70-130)		
MSD_201201110394	Selenium Total ICAP/MS	ND	20	20.0	ug/L	100	(70-130)	20	6.3
LCS1	Silver Total ICAP/MS		50	50.5	ug/L	101	(85-115)		
LCS2	Silver Total ICAP/MS		50	50.3	ug/L	101	(85-115)	20	0.40
MBLK	Silver Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Silver Total ICAP/MS		0.5	0.495	ug/L	99	(50-150)		
MS_201201110394	Silver Total ICAP/MS		50	50.0	ug/L	100	(70-130)		
MSD_201201110394	Silver Total ICAP/MS		50	47.4	ug/L	95	(70-130)	20	5.3
LCS1	Thallium Total ICAP/MS		20	20.2	ug/L	101	(85-115)		
LCS2	Thallium Total ICAP/MS		20	20.2	ug/L	101	(85-115)	20	0.0
MBLK	Thallium Total ICAP/MS			<1	ug/L				
MRL_CHK	Thallium Total ICAP/MS		1.0	0.945	ug/L	95	(50-150)		
MS_201201110394	Thallium Total ICAP/MS	ND	20	19.9	ug/L	99	(70-130)		
MSD_201201110394	Thallium Total ICAP/MS	ND	20	19.0	ug/L	95	(70-130)	20	4.6
LCS1	Uranium ICAP/MS		20	21.2	ug/L	106	(85-115)		
LCS2	Uranium ICAP/MS		20	20.7	ug/L	104	(85-115)	20	2.4
MBLK	Uranium ICAP/MS			<1	ug/L				
MRL_CHK	Uranium ICAP/MS		1.0	1.03	ug/L	103	(50-150)		
MS_201201110394	Uranium ICAP/MS	ND	20	19.1	ug/L	96	(70-130)		
MSD_201201110394	Uranium ICAP/MS	ND	20	17.9	ug/L	90	(70-130)	20	7.0
LCS1	Zinc Total ICAP/MS		100	92.4	ug/L	92	(85-115)		
LCS2	Zinc Total ICAP/MS		100	91.0	ug/L	91	(85-115)	20	1.5
MBLK	Zinc Total ICAP/MS			<20	ug/L				
MRL_CHK	Zinc Total ICAP/MS		20	19.0	ug/L	95	(50-150)		
MS_201201110394	Zinc Total ICAP/MS	ND	100	96.4	ug/L	96	(70-130)		
MSD_201201110394	Zinc Total ICAP/MS	ND	100	90.5	ug/L	90	(70-130)	20	6.2
QC Ref# 635463 - Radium 228 by EPA 904.0						**Analysis Date: 01/20/2012**			
LCS1	Radium 228		9.8	8.99	pCi/L	92	(70-130)		
LCS2	Radium 228		9.8	8.15	pCi/L	83	(70-130)	20	9.8
MBLK	Radium 228			<1	pCi/L				
MS_201201140071	Radium 228	ND	9.8	8.89	pCi/L	85	(70-130)		
QC Ref# 635583 - Cyanide by SM4500CN-F						**Analysis Date: 01/17/2012**			
LCS1	Cyanide		0.1	0.0929	mg/L	93	(80-120)		

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
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(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS2	Cyanide			0.0966	mg/L				
MBLK	Cyanide			<0.025	mg/L				
MRL_CHK	Cyanide		0.025	0.0254	mg/L	102	(50-150)		
MS_201201130095	Cyanide	ND	0.1	0.101	mg/L	97	(80-120)		
MS_201201110127	Cyanide	ND	0.1	0.0181	mg/L	14	(80-120)		
MSD_201201130095	Cyanide	ND	0.1	0.108	mg/L	104	(80-120)	20	6.7
QC Ref# 635596 - Chlorophenoxy Herbicides by EPA 515.4					**Analysis Date: 01/23/2012**				
CCCH	2,4,5-TP (Silvex)		4.0	3.9	ug/L	98	(70-130)		
CCCM	2,4,5-TP (Silvex)		1.0	1.05	ug/L	105	(70-130)		
MBLK	2,4,5-TP (Silvex)			<0.1	ug/L				
MRL_CHK	2,4,5-TP (Silvex)		0.2	0.233	ug/L	117	(50-150)		
MS2_201201100001	2,4,5-TP (Silvex)	ND	0.75	0.795	ug/L	106	(70-130)		
MSD2_201201100001	2,4,5-TP (Silvex)	ND	0.75	0.801	ug/L	107	(70-130)	30	0.75
CCCH	2,4-D		2.0	1.95	ug/L	98	(70-130)		
CCCM	2,4-D		0.5	0.481	ug/L	96	(70-130)		
MBLK	2,4-D			<0.05	ug/L				
MRL_CHK	2,4-D		0.1	0.0919	ug/L	92	(50-150)		
MS2_201201100001	2,4-D	ND	0.38	0.386	ug/L	103	(70-130)		
MSD2_201201100001	2,4-D	ND	0.38	0.410	ug/L	109	(70-130)	30	6.0
CCCH	Bentazon		10	9.87	ug/L	99	(70-130)		
CCCM	Bentazon		2.5	2.63	ug/L	105	(70-130)		
MBLK	Bentazon			<0.25	ug/L				
MRL_CHK	Bentazon		0.5	0.578	ug/L	116	(50-150)		
MS2_201201100001	Bentazon	ND	1.9	1.93	ug/L	99	(70-130)		
MSD2_201201100001	Bentazon	ND	1.9	1.89	ug/L	96	(70-130)	30	2.1
CCCH	Dalapon		20	19.1	ug/L	96	(70-130)		
CCCM	Dalapon		5.0	5.63	ug/L	113	(70-130)		
MBLK	Dalapon			<0.5	ug/L				
MRL_CHK	Dalapon		1.0	1.35	ug/L	135	(50-150)		
MS2_201201100001	Dalapon	ND	3.8	4.55	ug/L	121	(70-130)		
MSD2_201201100001	Dalapon	ND	3.8	4.68	ug/L	125	(70-130)	30	2.8
CCCH	Dinoseb		4.0	3.86	ug/L	97	(70-130)		
CCCM	Dinoseb		1.0	1.05	ug/L	105	(70-130)		
MBLK	Dinoseb			<0.1	ug/L				
MRL_CHK	Dinoseb		0.2	0.224	ug/L	112	(50-150)		

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Laboratory
QC Report: 385470

Pacific Gas and Electric
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS2_201201100001	Dinoseb	ND	0.75	0.777	ug/L	102	(70-130)		
MSD2_201201100001	Dinoseb	ND	0.75	0.785	ug/L	103	(70-130)	30	1.0
CCCH	Pentachlorophenol		0.8	0.827	ug/L	103	(70-130)		
CCCM	Pentachlorophenol		0.2	0.217	ug/L	108	(70-130)		
MBLK	Pentachlorophenol			<0.02	ug/L				
MRL_CHK	Pentachlorophenol		0.04	0.0452	ug/L	113	(50-150)		
MS2_201201100001	Pentachlorophenol	ND	0.15	0.162	ug/L	108	(70-130)		
MSD2_201201100001	Pentachlorophenol	ND	0.15	0.166	ug/L	111	(70-130)	30	2.4
CCCH	Picloram		2.0	1.9	ug/L	95	(70-130)		
CCCM	Picloram		0.5	0.466	ug/L	93	(70-130)		
MBLK	Picloram			<0.05	ug/L				
MRL_CHK	Picloram		0.1	0.0839	ug/L	84	(50-150)		
MS2_201201100001	Picloram	ND	0.38	0.399	ug/L	106	(70-130)		
MSD2_201201100001	Picloram	ND	0.38	0.371	ug/L	99	(70-130)	30	7.3
QC Ref# 635843 - Mercury by EPA 245.1						**Analysis Date: 01/25/2012**			
LCS1	Mercury		1.5	1.49	ug/L	100	(85-115)		
LCS2	Mercury		1.5	1.49	ug/L	99	(85-115)	20	0.0
MBLK	Mercury			<0.2	ug/L				
MRL_CHK	Mercury		0.2	0.202	ug/L	101	(50-150)		
MS_201201180534	Mercury	ND	1.5	1.45	ug/L	97	(70-130)		
MS2_201201180416	Mercury	ND	1.5	1.46	ug/L	97	(70-130)		
MSD_201201180534	Mercury	ND	1.5	1.5	ug/L	100	(70-130)	20	3.4
MSD2_201201180416	Mercury	ND	1.5	1.48	ug/L	98	(70-130)	20	1.4
QC Ref# 636150 - Gross Alpha/Beta Radiation by EPA 900.0						**Analysis Date: 01/24/2012**			
LCS1	Alpha, Gross		33	32.6	pCi/L	99	(80-120)		
LCS2	Alpha, Gross		33	29.5	pCi/L	89	(80-120)	20	10
MBLK	Alpha, Gross			<3	pCi/L				
MS_201201260301	Alpha, Gross	ND	33	42.2	pCi/L	128	(70-130)		
LCS1	Beta, Gross		34	28.0	pCi/L	82	(80-120)		
LCS2	Beta, Gross		34	31.7	pCi/L	93	(80-120)	20	12
MBLK	Beta, Gross			<3	pCi/L				
MS_201201260301	Beta, Gross	ND	34	30.9	pCi/L	85	(70-130)		

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RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)