



Moss Landing Mutual Water Company

P.O. Box 690
Moss Landing, California
95039-0690
(831)633-6785

June 26, 2015

Ms. Sandy Ayala, REHS III
Monterey County, Department of Health
Division of Environmental Health
1270 Natividad Road
Salinas, CA 93906

Dear Ms. Ayala:

Enclosed is Moss Landing Mutual Water Company's (I.D. No. FA0810155) Consumer Confidence Report for 2014, in accordance with the California Code of Regulations, Title 22, Section 64483.

This report was posted June 26, 2015, at five locations: 1) administration building first floor company bulletin board by the men's locker room; 2) administration building third floor by the copy room; 3) Grid Maintenance Center, 4) the Energy Management Center and 5) the Marine Mammal Center located on our Eastern Property. A copy was also mailed to Mr. & Mrs. Calcagno, who are members of the Moss Landing Mutual Water Company.

If you have any questions regarding this report please contact Lee Genz at (831) 633-6785.

Sincerely,

A handwritten signature in black ink that reads "Rex A. Lewis". The signature is written in a cursive style with a long horizontal line extending from the end.

REX LEWIS
President
Moss Landing Mutual Water Company

LHGenz:

Attachments:

- Consumer Confidence Report
- Consumer Confidence Report Certification Form
- Analytical Results for 2014

2014 CONSUMER CONFIDENCE REPORT

Moss Landing Mutual Water Company	FA0810155	June 26, 2015
Name of Water System	I.D. No.	Report Date

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2014 and may include earlier monitoring data.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alguien que lo entienda bien.

WATER SOURCE INFORMATION

Type of water source in use is **GROUNDWATER**. There are two supply wells located off of Avila Road. During 2014, Well #8 supplied 84.6% and Well #9 supplied 15.4% of the water used.

Well Name	Date Installed	GPM **	Pumping Depth	Screened Depth	Total Depth
Well 8	December 1974	588	280 ft	310 ft – 845 ft	855 ft
Well 9	August 1984	554	320 ft	800 ft – 1050 ft	1070 ft

** From September 26, 2014 pump efficiency testing **

DRINKING WATER SOURCE ASSESSMENT INFORMATION & SUMMARY

The assessment was completed October 2002 by LPA Monterey County. The source is considered most vulnerable to Concentrated Animal Feeding Operations [CAFOs] as defined in Septic systems - high density [$>1/\text{acre}$]. The wells for the water system are located in an agricultural area adjacent to the Elkhorn Slough. Therefore, the wells may be vulnerable to flooding, synthetic organic compounds and nitrates. There have been no contaminants detected in the water supply recently, however the source is still considered vulnerable to activities located near the drinking water source. The El Toro Area of Monterey County is in severe groundwater overdraft conditions. A complete copy of the assessment information may be viewed at the Monterey County Health Department or at the following internet links:

For Well 8: <http://swap.des.ucdavis.edu/TSinfo/output/ps2701683-001.pdf>

For Well 9: <http://swap.des.ucdavis.edu/TSinfo/output/ps2701683-002.pdf>

For more information, contact:

Lee H. Genz, Senior Environmental Professional	Phone: (831) 633-6785
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TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Variations and Exemptions: State Board permission to exceed an MCL or not comply with a treatment technique under certain conditions.

ND: not detectable at testing limit

ppm: parts per million or milligrams per liter (mg/L)

ppb: parts per billion or micrograms per liter (ug/L)

ppt: parts per trillion or nanograms per liter (ng/L)

ppq: parts per quadrillion or picogram per liter (pg/L)

pCi/L: picocuries per liter (a measure of radiation)

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 6, 7, and 8 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

TABLE 1 – SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA					
Microbiological Contaminants (completed if bacteria detected)	Highest No. of detections	No. of months in violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria	0 ** (In a mo.)	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i>	0 (In the year)	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or <i>E. coli</i>	0	Human and animal fecal waste

(**) In February there was a positive coliform on a well sample. A repeat sample was obtained and it was negative for coliforms. A repeat sample set was also taken. No coliforms were detected in the water storage tank or the water distribution system.

TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER (Posted analysis results are from 2014 EPA Lead & Copper Tap Water Samplings) (Lead was sampled in June and again in September **)						
Lead and Copper (complete if lead or copper detected in the last sample set)	No. of samples collected	90 th percentile level detected	No. Sites exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	7	12.6	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	7	0.124	0	1.3	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

(**) The June sampling was 15.4 ppb for lead at the 90th percentile. Plumbing fixtures were replaced with lead-free units and the resampling in September was below the AL (Action Limit) for lead.

TABLE 3 - SAMPLING RESULTS FOR SODIUM AND HARDNESS						
Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	3/4/03	46	110	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm) as CaCO ₃	3/4/03	130	180	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided on page 5.

Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	MCL (AL) [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Arsenic (ppb)	7/17/12	3.3	4.4	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Barium (ppm)	7/17/12	0.051	0.16	1.0	2.0	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Copper (ppm)	10/7/09	< 0.05	< 0.05	(AL=1.3)	0.30	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Chromium (ppb)	7/17/12	10.0	< 10.0	50	(100)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Hexavalent Chromium (ppb)	11/5/14	9.8	3.6	10	(0.02)	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits
Fluoride (ppm)	7/17/12	0.19	0.21	2.0	1.0	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Mercury (ppb)	7/17/12	< 0.20	0.34	2.0	1.2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland
Nitrate as NO ₃ (ppm)		2.8	< 1.0	45.0	45.0 ^[1]	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrite as N (ppm)	9/3/14	< 0.10	< 0.10	1.0	1.0 ^[1]	
Nitrate+Nitrite as N (ppm)		0.63	< 0.10	10.0	10.0 ^[1]	
Selenium (ppb)	7/17/12	< 2.0	4.7	50	30	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive)

[1] For all three parameters MCLG = N/A.

Chemical or Constituent (and reporting units)	Sample Date	Distribution System	MCL [MRDL]	PHG (MCLG)	Typical Source of Contaminant
TTHMs (ppb) [Total Trihalomethanes]	7/23/13	3.6	80	N/A	By-product of drinking water disinfection
HAA5 (ppb) [Haloacetic Acids]	7/23/13	1.3	60	N/A	Byproduct of drinking water disinfection
Chlorine as Cl ₂ (ppm)	All year ^[2] for 2014	Range = 0.15 – 3.00 Average = 0.69	[4.0 as Cl ₂]	(4.0 as Cl ₂)	Drinking water disinfectant added for treatment
Control of DBP precursors [(TOC) Total Organic Carbon]	[3]		TT	N/A	Various natural and man-made sources

[2] Chlorine residual is measured daily during regular work weekdays. [3] Required only if the TTHM or HAA5 MCL were exceeded.

NOTE: On 7/6/10, an additional informational sample was obtained at Firewater Tank No. 3 (which supplies water only the Marine Mammal Center). The tank water was chlorinated because the chlorine injection system on the water line from the tank to the Marine Mammal Center was out of service. The sample results were also below the MCLs (22.4 ppb TTHMs, 20.7 ppb HAA5).

TABLE 4 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD (CONT)
TABLE 4.2 – INITIAL RADIONUCLIDE MONITORING ^[4]

Chemical or Constituent (and reporting units)	Sample Date	Well No. 8 ^[4]	Well No. 9 ^[4]	MCL	PHG (MCLG)	Typical Source of Contaminant
Gross Beta Particle Activity (pCi/L)	[4]	1.78	2.31	50 ^(a)	(0)	Decay of natural and man-made deposits
Gross Alpha Particle Activity (pCi/L)	[4] 7/17/12	2.01 < 1.16	2.02 3.32	15	(0)	Erosion of natural deposits
Combined Radium 226 & 228 (pCi/L)	[4]	0.064	0.055	5	(0) ^(b)	Erosion of natural deposits
Uranium (pCi/L)	[4]	0.97	1.345	20	0.43	Erosion of natural deposits

(a) Effective 6/11/2006, the gross beta particle activity MCL is 4 millirem/year annual dose equivalent to the total body or any internal organ. 50 pCi/L is used as a screening level. SWRCB considers 50 pCi/L to be the level of concern for beta particles. (b) If reporting results for Ra-226 and Ra-228 as individual constituents, the PHG is 0.05 pCi/L for Ra-226 and 0.019 pCi/L for Ra-228. [4] Results reported are the averages of the 2007 initial monitoring quarterly samples. Based on the results, the next scheduled sampling year was to be 2016. However, another sampling, for gross alpha only, was requested by the state Department of Public Health in 2012. Also the sampling requirements are currently being amended. Consequentially, the next scheduled sampling is really unknown.

*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided on page 5.

TABLE 5 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	MCL	PHG (MCLG)	Typical Source of Contaminant
Color (Color Units)	3/4/03	10	15	15	N/A ^[6]	Naturally-occurring organic materials
Copper (ppm)	10/7/09	< 0.05	< 0.05	1.0	N/A ^[6]	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Iron (ppb)	3/4/03	< 100	250	300	N/A ^[6]	Leaching from natural deposits; industrial wastes
Manganese (ppb)	3/4/03	< 10.0	17.0	50	N/A ^[6]	Leaching from natural deposits
Turbidity (NTU)	3/4/03	< 1.0	1.1	5	N/A ^[6]	Soil runoff
Total Dissolved Solids (ppm)	3/4/03	260	470	1000	N/A ^[6]	Runoff/leaching from natural deposits
Specific Conductance (microsiemens)	9/3/14	749	1724	1600	N/A ^[6]	Substances that form ions when in water; seawater influence
Chloride (ppm)	3/4/03	61	180	500	N/A ^[6]	Runoff/leaching from natural deposits; seawater influence
Sulfate as SO ₄ (ppm)	3/4/03	7.4	19.0	500	N/A ^[6]	Runoff/leaching from natural deposits; industrial wastes

[6] There are no PHGs or MCLGs for constituents with secondary drinking water standards because these are not health-based levels, but set on the basis of aesthetics.

TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	Notification Level	Health Effects Language (Optional)
Boron (ppm)	10/7/09	< 0.100	0.130	1 ppm	The babies of some pregnant women who drink water containing boron in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.

*Any violation of an MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided on page 5.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

TABLE A-1 – DETECTION OF ADDITIONAL PARAMETERS WITH NO DRINKING WATER STANDARDS						
Chemical or Constituent (and reporting units)	Sample Date	Well No. 8	Well No. 9	MCL	PHG (MCLG)	Typical Source of Contaminant
pH (units)	9/13/14	7.78	7.55	none	none	
Calcium (ppm)	9/3/14	47.0	66.0	none	none	
Calcium as CaCO ₃ (ppm)	9/3/14	117.5	165.0	none	none	
Magnesium (ppm)	3/4/03	15.0	13.0	none	none	
Bicarbonate as HCO ₃ (ppm)	9/3/14	150	210	none	none	
Total Alkalinity as CaCO ₃ (ppm)	9/3/14	120	170	none	none	
Temperature (°C)	9/3/14	21.4 °C	26.0 °C	none	none	

TABLE A2 – SAMPLING REQUIREMENTS FOR NON-TRANSIENT NON-COMMUNITY WATER SYSTEM	
TAP WATER	SOURCE WATER
Monthly Coliform sampling	Annual Nitrate sampling
Triennial Lead and Copper Tap Water Sampling. Last sampling was in 2014. Next sampling year is 2017.	Triennial Primary Drinking Water Standards sampling (*). Last sampling was in 2012 [1]. Next sampling year is 2015.
DISTRIBUTION SYSTEM	Asbestos sampling. Next sampling year was to be 2015; however, sampled in 2012 to coincide with Distribution System Asbestos requirement. Next sampling year is 2021.
Triennial Disinfection By-Products Rule (DBPR) Sampling. Last sampling was in 2013. Next sampling year is 2016.	Radionuclide Rule sampling. The initial sampling was conducted in 2007. The next sampling year was to be 2016; every 9 years. However, the sampling requirements are changing, so the next sampling year is unknown at this time.
Asbestos sampling. Required every 9 years. Last sampling was in 2012. Next sampling year is 2021.	Hexavalent Chromium Rule Sampling (**). Completed in November 2014. Future sampling will be on the same schedule as the Triennial Primary Drinking Water Standards.
Secondary Drinking Water Standards sampling required to be sampled only once. Sampled in 1997 and then additionally sampled in 2000 and 2003 at request of the Monterey County Department of Health.	
Additional sampling required as regulations change or at the request of the Monterey County Department of Health or the State Water Resources Control Board, Division of Drinking Water	

(*) Synthetic Organic Compounds (SOC's) and Volatile Organic Compounds (VOC's) also sampled.

(**) In 2014, hexavalent chromium was added to the California Primary Drinking Water Standards with an MCL and a PHG of 10 ppb. The results of the initial monitoring sampling (done in November 2014) placed our water system as not requiring corrective treatment and continued monitoring on a triennial schedule.

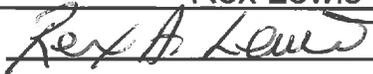
[1] The SOC's, VOC's and Perchlorates parameters were mistakenly omitted from the 2012 Triennial Primary Drinking Water Standards sampling. These parameters were sampled in 2013. These parameters (if still required) will be sampled again in two years with the 2015 Triennial Primary Drinking Water Standards sampling.

**Consumer Confidence Report
Certification Form**
(to be submitted with a copy of the CCR)

Water System Name: Moss Landing Mutual Water Company

Water System Number: FA0810155

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 26, 2015 (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified by: Name: Rex Lewis
 Signature: 
 Title: President, Moss Landing Mutual Water Company
 Phone Number: (831) 633-6700 Date: June 26, 2015

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: _____

"Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

Posting the CCR on the Internet at www. _____

Mailing the CCR to postal patrons within the service area (attach zip codes used)

Advertising the availability of the CCR in news media (attach copy of press release)

Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)

Posted the CCR in public places (attach a list of locations) **On Cover Letter.**

Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools

Delivery to community organizations (attach a list of organizations)

Other (attach a list of other methods used)

For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: www. _____

For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission



Moss Landing Mutual Water Company

Analytical Results for 2014

Annual Nitrates and Nitrites



Moss Landing Mutual Water Company

P.O. Box 690
Moss Landing, California
95039-0690
(831)633-6785

September 23, 2014

Ms. Sandy Ayala, REHS III
Monterey County, Department of Health
Division of Environmental Health
1270 Natividad Road
Salinas, CA 93906

Re: Annual Nitrate and Nitrite Analytical Results for 2014

Dear Ms. Ayala:

Attached is Moss Landing Mutual Water Company's water system, I.D. No FA0810155, annual nitrate and nitrite analytical results for 2014.

If you have any further questions please contact Lee Genz at (831) 633-6785.

Sincerely,

A handwritten signature in black ink, appearing to read "Pete Ziegler".

PETE ZIEGLER
President
Moss Landing Mutual Water Company

LHGenz:
Attachments

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynergy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090133
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / Annual Nitrates & Nitrites
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-112 Well 8, sampled 9/3/2014 11:20:00AM
Sampler Name / Co.: Richard Carrillo / Dynergy
Matrix: Water
Laboratory #: 4090133-01

	Results	Units	RL	State Drinking Water Limits 1	Analysis Method	Date Analyzed	Flags
Nitrate as NO3	2.8	mg/L	1.0	45	EPA 300.0	09/05/14	
Nitrate+Nitrite as N	0.63	mg/L	0.10	10	EPA 300.0	09/05/14	
Nitrite as N	ND	mg/L	0.10	1	EPA 300.0	09/05/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.
State Drinking Water Limits - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Galloway

SOIL CONTROL LAB

42 MANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090133
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / Annual Nitrates & Nitrites
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-113 Well 9, sampled 9/3/2014 11:30:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4090133-02

	Results	Units	RL	State Drinking Water Limits *	Analysis Method	Date Analyzed	Flags
Nitrate as NO3	ND	mg/L	1.0	45	EPA 300.0	09/05/14	
Nitrate+Nitrite as N	ND	mg/L	0.10	10	EPA 300.0	09/05/14	
Nitrite as N	ND	mg/L	0.10	1	EPA 300.0	09/05/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.

State Drinking Water Limits, - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Galloway

4590133

MOSS LANDING POWER PLANT

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY RECORD

PROJECT NAME: Annual Nitrates & Nitrites

SAMPLERS (signature): Richard Carillo

SAMPLE LOCATION	DATE SAMPLED	TIME SAMPLED	COMP	ORAB	Report Attribution		Analysis Required				Remarks	
					SAMPLE NUMBER AND DESCRIPTION	No. of containers	Quantity per container	Nitrates	Nitrites			
Well 8	9/3/14	1140		X	MLS14-112	1	500	X	X			* Drinking Water
		1120			Well 8		poly					Report Results to CDPH via EDT
					ID 270-1683-001							Moss Landing Method
Well 9	9/3/14	1120		X	MLS14-113	1	500	X	X			Water Company
		1130			Well 9		poly					LPA #2701683
					ID 270-1683-002							

Signature: Richard Carillo Print Name: RICHARD CARILLO Company: Dynegy Date: 9/3/14 Time: 1500

Relinquished by: Richard Carillo

Received by:

Relinquished by:

Received by:

Relinquished by:

Received by Laboratory: John Lee LCNMS NA-CMAA Soil Control Lab 9/3/14 1500

Samples going to: Soil Control Lab 42 Hanger Way Watsonville, CA 95076 (831) 724-5422

Record contract laboratory's name, address, and phone # before transporting or shipping



Moss Landing Mutual Water Company

2014 Triennial Lead & Copper Summary



Moss Landing Mutual Water Company

P.O. Box 690
Moss Landing, California
95039-0690
(831)633-6785

September 23, 2014

Ms. Sandy Ayala
Monterey County, Department of Health
Division of Environmental Health
1270 Natividad Road
Salinas, CA 93906

Re: Moss Landing Mutual Water Company 2014 Triennial California Lead and Copper Rule Report

Dear Ms. Ayala:

Attached is Moss Landing Mutual Water Company's (MLMWC), water system I.D. No. FA0810155, 2014 Triennial California Lead and Copper Rule report.

Please note that attached Form 141-A explains why only seven sampling sites were available to sample. A sampling site located at the PG&E Switching Center was unavailable. As part of PG&E's Switchyard upgrade work, water service to the building has been terminated, and no other service connections are on the water line. The 90th percentile was statistically calculated based on the results of the seven sample set with Attachment 1 for the June 3, 2014 sampling and Attachment 2 for the June and September 3, 2014 sampling.

The 90th percentile result of 0.1240 ppm for copper was below the copper Action Limit of 1.300 ppm. The 90th percentile result of 0.0154 ppm for lead was above the lead Action Limit of 0.0150 ppm. All sample sites were non-detectable (< 0.005 ppm) for lead except for the Administration Building (0.0130 ppm) and Units 6&7 (0.0190 ppm).

The faucets and shutoffs valves were replaced at both locations with certified lead-free fixtures and resampled for lead on September 3, 2014, with results for the Administration Building (0.0240 ppm) and Units 6&7 (< 0.0050 ppm). Also, in accordance with the EPA Lead and Copper Rule with this Action Level exceedance, Water Quality Control Parameters were sampled on September 3, 2014, with results shown on Attachment 3.

The re-sampling 90th percentile result of 0.0126 ppm for lead (Attachment 2) is below the lead Action Limit of 0.015 ppm, but the re-sample result for the Administration Building (0.0240 ppm) shows there is still lead in the copper piping solder joints, not the shut off valve or faucet and the Water Quality Control Parameter results show the lead is not from the wells or the distribution system.

Ms. Sandy Ayala
September 19, 2014
Page 2

With the results shown on Attachment 2 we will remain on a triennial schedule with our next sampling in the year 2017.

If you have any further questions please contact Lee Genz at (831) 633-6785.

Sincerely,



PETE J. ZIEGLER
President
Moss Landing Mutual Water Company

LHGenz:

Attachments:

- Form 141-A
- Attachment 1 - June 3, 2014 - 90th Percentile Results
- Attachment 1 - June 3 and September 3, 2014 - 90th Percentile Results
- Attachment 3 – Water Quality Parameter Results, September 3, 2014
- Sampling Results June 3, 2014
- Sampling Results September 3, 2014

SAMPLE SITE IDENTIFICATION AND CERTIFICATION

System's Name: Moss Landing Mutual Water Company Type: CWS NTNCWS

Address: Moss Landing Mutual Water Company Size: >100,000
PO Box 690 10,001 to 100,000
Moss Landing CA 95039-0690 3,301 to 10,000
 501 to 3,300
 101 to 500
 ≤100

Telephone Number: (831) 633-6785
 System ID #: 270-1683
 Contact Person: Lee H. Genz

CERTIFICATION OF SAMPLING SITES

LEAD SOLDER SITES

# of single-family structures with copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 1)	None
# of multi-family structures with copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 1)	None
# of buildings containing copper pipes with lead solder installed after 1982 or lead pipes and/or lead service lines (Tier 2 *)	(* see notes page 3 *) 3*
# of sites that contain copper pipes with lead solder installed before 1983 (to be used only if other conditions have been exhausted) (Tier 3 **)	4
(* Tier 1 for NTNC systems ♦ ** Tier 2 for NTNC systems)TOTAL	7*

The following sources have been explored to determine the number of structures which have interior lead pipe or copper pipe with lead solder.

<input type="checkbox"/> Plumbing and/or building codes	<input checked="" type="checkbox"/>	Record drawings and specifications
<input checked="" type="checkbox"/> Plumbing and/or building permits		
<input type="checkbox"/> Contacts within the building department, municipal clerk's office, or state regulatory agencies for historical documentation of the service area development		
<input type="checkbox"/> Water Quality Data		

Other Resources Which PWS May Utilize

<input type="checkbox"/> Interviews with building inspectors	
<input type="checkbox"/> Survey of service area plumbers about when and where lead solder was used from 1982 to present	
<input type="checkbox"/> Survey residents in sections of the service area where lead pipe and/or copper pipe with lead solder is suspected to exit	
<input type="checkbox"/> Interviews with local contractors and developers	

Explanation of Tier 2 and Tier 3 sites (attach additional pages if necessary)
Not enough Tier 1 sampling sites within water distribution system

SAMPLE SITE IDENTIFICATION AND CERTIFICATION

CERTIFICATION OF SAMPLING SITES

LEAD SERVICE LINE SITES

# of samples required to be drawn from lead service line sites	<u>5</u>
# of samples actually draw from lead service line sites	<u>0</u>
Difference (explain differences other than zero)	<u>5</u>

No lead service lines

The following sources have been explored to determine the number of lead service lines in the distribution system.

- Distribution system maps and record drawings
- Information collected for the presence of lead and copper as required under §141.42 of the Code of Federal Regulations
- Capital improvement plans and/or master plans for distribution system development
- Current and historical standard operating procedures and/or operation and maintenance (O&M) manuals for the type of materials used for service connections
- Utility records including meter installation records, customer complaint investigations and all historical documentation which indicate and/or confirm the location of lead service connections
- Existing water quality data for indications of "troubled areas"

Other Sources Which PWS Utilized

- Interviews with senior personnel
- Conduct service line sampling where lead service lines are suspected to exist but their presence is not confirmed
- Review of permit files
- Community survey
- Review of USGS maps and records
- Interviews with pipe suppliers, contractors, and/or developers

Explanation of fewer than 50% LSL sites identified (attach additional pages if necessary)
No lead service lines in plant

CERTIFICATION OF COLLECTION METHODS

I certify that:

Each first draw tap sample for lead and copper is one liter in volume and has stood motionless in the plumbing system of each sampling site for at least six hours.

Each first draw sample collected from a single-family residence has been collected from the cold water kitchen tap or bathroom sink tap.

Each first draw sample collected from a non-residential building has been collected at an interior tap from which water is typically drawn for consumption.

Each first draw sample collected during an annual or triennial monitoring period has been collected in the months of June, July, August, or September.

Each resident who volunteered to collect tap water samples from his or her home has been properly instructed by [insert water system's name]: _____

in the proper methods for collecting lead and copper samples. I do not challenge the accuracy of those sampling results. Enclosed is a copy of the material distributed to residents explaining the proper collection methods, and a list of the residents who performed sampling.

SAMPLE SITE IDENTIFICATION AND CERTIFICATION

RESULTS OF MONITORING

THE RESULTS OF LEAD AND COPPER TAP WATER SAMPLES MUST BE ATTACHED TO THIS DOCUMENT

of samples required 5 # of samples submitted 7 90th Percentile Pb 0.0126 mg/L
90th Percentile Cu 0.1240 mg/L

THE RESULTS OF WATER QUALITY PARAMETER SAMPLES MUST BE ATTACHED TO THIS DOCUMENT

of samples required 0 # of tap samples submitted N/A
of entry point samples required 0 # of entry point samples submitted N/A

CHANGE OF SAMPLING SITES

Original site address:

PG&E Switching Center, Kitchenette Sink

New site address:

NO ALTERNATIVE SAMPLE SITE AVAILABLE

Distance between sites (approximately): _____

Targeting Criteria: NEW: _____ OLD: _____

Reason for change (attach additional pages if necessary):

Water service to the building terminated.

No other service locations on the water service line.

Signature



Pete Ziegler

President, MLMWC

September 23, 2014

NAME

TITLE

DATE

Attachment 1

**Moss Landing Mutual Water Company (NTNCWS)
 Monterey County Permit No. 270-1683
 Copper & Lead Results in Tabular Form
 Sample Site Cross-Referenced, 90th Percentile Identified
 June 3, 2014 Sampling**

SAMPLE SITE	Copper (ppm)
Engineering Wing, Copy Room Kitchenette Sink	< 0.050
Warehouse, Men's Bathroom Sink	0.074
Admin. Bldg., Men's Bathroom Sink (1st Floor)	0.100
Assembly Building, Men's Bathroom Sink	0.110
Units 6 & 7, Kitchenette Sink	0.120
New Locker Room, Men's Bathroom Sink	0.120
Electric Shop, Men's Bathroom Sink	0.130
Calculated 90th% based on 7-sample set	0.1240 90th %
* Units 4-5 Building Sample *	N/A
* Units 1-2-3 Building Sample *	N/A
** Switching Center, Kitchenette Sink **	N/A

EPA Action Limit for copper = 1.3 ppm @ 90th %

SAMPLE SITE	Lead (ppm)
Engineering Wing, Copy Room Kitchenette Sink	< 0.0050
Warehouse, Men's Bathroom Sink	< 0.0050
Assembly Building, Men's Bathroom Sink	< 0.0050
New Locker Room, Men's Bathroom Sink	< 0.0050
Electric Shop, Men's Bathroom Sink	< 0.0050
Admin. Bldg., Men's Bathroom Sink (1st Floor)	0.0130
Units 6 & 7, Kitchenette Sink	0.0190
Calculated 90th% based on 7-sample set	0.0154 90th %
* Units 4-5 Building Sample *	N/A
* Units 1-2-3 Building Sample *	N/A
** Switching Center, Kitchenette Sink **	N/A

EPA Action Limit for lead = 0.0150 ppm @ 90th %

* All the plumbing facilities, except for firewater service, has been removed from these two sample sites since the 2002-2003 demolition of the old 1950s era steam boilers and electrical generation units.

** Since July 2011, the building has been unoccupied. In January 2014, the inside water was cut off due to water leaks from dilapidated plumbing fixtures; leaving only the outside hose bib functioning. In July 2014, the water service line main valve was closed at the request of PG&E, the owner of the building and the land. They are terminating water service to the building. There are no other service connections on this water line.

Attachment 2

**Moss Landing Mutual Water Company (NTNCWS)
 Monterey County Permit No. 270-1683
 Copper & Lead Results in Tabular Form
 Sample Site Cross-Referenced, 90th Percentile Identified**

**September 3, 2014 Re-sampling
 Units 6 & 7 (Kitchenette Sink) and Admin. Bldg. (Men's Bathroom Sink (1st Floor))**

SAMPLE SITE	Copper (ppm)
Engineering Wing, Copy Room Kitchenette Sink	< 0.050
Warehouse, Men's Bathroom Sink	0.074
Admin. Bldg., Men's Bathroom Sink (1st Floor)	0.100
Assembly Building, Men's Bathroom Sink	0.110
Units 6 & 7, Kitchenette Sink	0.120
New Locker Room, Men's Bathroom Sink	0.120
Electric Shop, Men's Bathroom Sink	0.130
Calculated 90th% based on 7-sample set	0.1240 90th %
* Units 4-5 Building Sample *	N/A
* Units 1-2-3 Building Sample *	N/A
** Switching Center, Kitchenette Sink **	N/A

EPA Action Limit for copper = 1.3 ppm @ 90th %

SAMPLE SITE	Lead (ppm)
Engineering Wing, Copy Room Kitchenette Sink	< 0.0050
Warehouse, Men's Bathroom Sink	< 0.0050
Assembly Building, Men's Bathroom Sink	< 0.0050
New Locker Room, Men's Bathroom Sink	< 0.0050
Electric Shop, Men's Bathroom Sink	< 0.0050
Units 6 & 7, Kitchenette Sink	< 0.0050 ***
Admin. Bldg., Men's Bathroom Sink (1st Floor)	0.0240 ***
Calculated 90th% based on 7-sample set	0.0126 90th %
* Units 4-5 Building Sample *	N/A
* Units 1-2-3 Building Sample *	N/A
** Switching Center, Kitchenette Sink **	N/A

EPA Action Limit for lead = 0.0150 ppm @ 90th %

* All the plumbing facilities, except for firewater service, has been removed from these two sample sites since the 2002-2003 demolition of the old 1950s era steam boilers and electrical generation units.

** Since July 2011, the building has been unoccupied. In January 2014, the inside water was cut off due to water leaks from dilapidated plumbing fixtures; leaving only the outside hose bib functioning. In July 2014, the water service line main valve was closed at the request of PG&E, the owner of the building and the land. They are terminating water service to the building. There are no other service connections on this water line.

*** Resampled on 9/3/2014, following replacement of the faucets & shut-off valves with certified lead-free units in August 2014.

Attachment 3

Moss Landing Mutual Water Company (NTNCWS)

Monterey County Permit No. 270-1683

Water Quality Parameters Results in Tabular Form

Sample Date --- September 3, 2014						
Sample ID	MLS14-110	MLS14-111	MLS14-109	MLS14-107	MLS14-108	
Sample Location	Well 8	Well 9	Main Water Tank	Admin. Building	U6&7 Building	
Parameter						Average
Temperature (°C)	21.4	26.0	24.0	22.6	18.6	22.5
pH	7.78	7.55	7.97	7.92	8.30	7.90
Conductivity (umhos)	749	1724	862	899	836	1014
Lead (ppm)	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Calcium (ppm)	47.0	66.0	50.0	49.0	48.0	52.0
Hydroxide as OH (ppm)	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Carbonate as CO ₃ (ppm)	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Bicarbonate as HCO ₃ (ppm)	150.0	210.0	160.0	160.0	150.0	166.0
Total Alkalinity as CaCO ₃ (ppm)	120.0	170.0	130.0	130.0	130.0	136.0

Minimum 6 hour standing sample obtained at the	Sample ID	Sample Date	Lead (ppm)
Administration Building, Men's Bathroom Sink	MLS14-105	9/3/2014	0.0240
U6&7 Building, Control Room Kitchenette Sink	MLS14-106	9/3/2014	< 0.0050

MOSS LANDING POWER PLANT

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY RECORD

IN-HOUSE ANALYSIS ONLY

Analyses Requested: pH, Conductivity, Temperature (All In Field)
Sample Bottle: 250ml poly
Preservative Used: NONE
pH (if acid preserved): _____

Requester's Name: _____ Title: _____
Date Requested: _____

Sampler's Name: Richard Cavitt Title: _____
Date Sampled: 9/3/14
Time Sampled: 0950

Sample Type: GRAB / COMPOSITE

Sample Location: Admin Bldg Grade 30
Sample Description: Men's Bathroom Sink (Right) Cold Water Tap (Flushed Sample)
Sample Information: Conductivity = 900/898 Temperature = 22.5/22.8 °C
pH = 7.92 / 7.91 pH = 7.94
© 1010 on Orion Dual Star

Calibrated
Relinquished by: R. Cavitt Received by: _____
Orion Dual Star 6.96/3.96/9.96 ^{slope} 96.1%
Date: 9/3/14 | Read 7.99 @ 24.4 on 8.0 ✓ Date: _____
Time: 08:30 Time: _____

Calibrated
Relinquished by: R. Cavitt Received by: _____
Air Tri Star Calibrate 1412 Std
Date: 9/3/14 Bell Contact = 0.483 Date: _____
Time: 08:10 1412 Check Std Read 1413 Time: _____

Calibrated
Relinquished by: R. Cavitt Received by: Richard Cavitt
YSI pH Meter Field pH Date: 9/3/14
meter Time: 08:20 Time: 0950

LABORATORY I.D. NUMBER: MLS14-107

MOSS LANDING POWER PLANT

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY RECORD

IN-HOUSE ANALYSIS ONLY

Analyses Requested: pH, Conductivity, Temperature *(CALL In Field)*
 Sample Bottle: 250 ml poly
 Preservative Used: NONE
 pH (if acid preserved): _____

Requester's Name: _____ Title: _____
 Date Requested: _____

Sampler's Name: Richard Canillo Title: _____
 Date Sampled: 9/3/14
 Time Sampled: 1020

Sample Type: GRAB / COMPOSITE

Sample Location: W6/7 Grade 60 Control Room Kitchenette Sink

Sample Description: (Flushed Sample) (Cold Water Tap)

Sample Information: Conductivity = 836 Temperature = 18.6 °C
pH = 8.30 pH = 8.28
@ 1030 on Orion Dualstar

Relinquished by: see MLS14-107 for Calib Info
 Date: _____
 Time: _____

Received by: _____
 Date: _____
 Time: _____

Relinquished by: _____
 Date: _____
 Time: _____

Received by: _____
 Date: _____
 Time: _____

Relinquished by: _____
 Date: _____
 Time: _____

Received by: Richard Canillo
 Date: 9/3/14
 Time: 1020

LABORATORY I.D. NUMBER: MLS14-108

MOSS LANDING POWER PLANT

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY RECORD

IN-HOUSE ANALYSIS ONLY

Analyses Requested:

Sample Bottle:

Preservative Used:

pH (if acid preserved):

pH, Conductivity, Temperature (All In Field)

Requester's Name:

Title:

Date Requested:

Sampler's Name:

Title:

Date Sampled:

Time Sampled:

Richard Cantillo

9/3/14

1040

Sample Type:

GRAB / COMPOSITE

Sample Location:

Sample Description:

Sample Information:

Main Water Tank

Drinking/Firewater Storage Tank

Conductivity = 862 Temperature = 24.0°C

pH = 7.97

*pH = 7.95 @ 1045
on Orion Dual Star*

Relinquished by:

Received by:

Date:

Date:

Time:

Time:

See MLS14-107 for Calib Info

Relinquished by:

Received by:

Date:

Date:

Time:

Time:

Relinquished by:

Received by:

Date:

Date:

Time:

Time:

Richard Cantillo

9/3/14

1040

LABORATORY I.D. NUMBER : MLS14-109

MOSS LANDING POWER PLANT

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY RECORD

IN-HOUSE ANALYSIS ONLY

Analyses Requested: ph, conductivity, Temperature (ALL In Field)
Sample Bottle: 250 ml poly
Preservative Used: NONE
pH (if acid preserved): _____

Requester's Name: _____ Title: _____
Date Requested: _____

Sampler's Name: Richard Canill Title: _____
Date Sampled: 9/3/14
Time Sampled: 11:15 1120

Sample Type: GRAB / COMPOSITE

Sample Location: Well 8

Sample Description: Drinking Water

Sample Information: Conductivity = 749 Temperature = 21.4°C
pH = 7.78
pH = 7.75 @ 1145 on Orion Dual Star

Relinquished by: See MLS14-107 for Calib Info Received by: _____
Date: _____ Date: _____
Time: _____ Time: _____

Relinquished by: _____ Received by: _____
Date: _____ Date: _____
Time: _____ Time: _____

Relinquished by: _____ Received by: Richard Canill
Date: _____ Date: 9/3/14
Time: _____ Time: 1120

LABORATORY I.D. NUMBER : MLS14-110

MOSS LANDING POWER PLANT

Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY RECORD

IN-HOUSE ANALYSIS ONLY

Analyses Requested: pH, Conductivity, Temperature (In Field)
Sample Bottle: 250 ml poly
Preservative Used: NONE
pH (if acid preserved): _____

Requester's Name: _____ Title: _____
Date Requested: _____

Sampler's Name: Richard Camillo Title: _____
Date Sampled: 9/3/14
Time Sampled: 1130

Sample Type: GRAB COMPOSITE

Sample Location: Well 9

Sample Description: Drinking water

Sample Information: Conductivity = 1724 Temperature = 26.0°C
pH = 7.55 pH = 7.55
@ 1150 on Orion Dual Star

Relinquished by: See MLS14-107 for Colib Info Received by: _____
Date: _____ Date: _____
Time: _____ Time: _____

Relinquished by: _____ Received by: _____
Date: _____ Date: _____
Time: _____ Time: _____

Relinquished by: _____ Received by: Richard Camillo
Date: _____ Date: 9/3/14
Time: _____ Time: 1130

LABORATORY I.D. NUMBER: MLS14-111



2014

Triennial California Lead & Copper Rule Report

June 3, 2014

Laboratory Re-Sampling Results

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4060305
Reporting Date: June 20, 2014

Date Received: June 9, 2014
Project # / Name: None / Triennial EPA Pb & Cu Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-71 Admin. Bldg., sampled 6/3/2014 7:05:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4060305-01

	Results	Units	RL	State Drinking Water Limits	Analysis Method	Date Analyzed	Flags
Copper	100	ug/L	50	1300	EPA 200.8	06/18/14	
Lead	13	ug/L	5.0	15	EPA 200.8	06/18/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.

State Drinking Water Limits: - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Gallaway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4060305
Reporting Date: June 20, 2014

Date Received: June 9, 2014
Project # / Name: None / Triennial EPA Pb & Cu Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-72 U6/7 Grade 60, sampled 6/3/2014 7:15:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4060305-02

	Results	Units	RL	State Drinking Water Limits	Analysis Method	Date Analyzed	Flags
Copper	120	ug/L	50	1300	EPA 200.8	06/18/14	
* Lead	19	ug/L	5.0	15	EPA 200.8	06/18/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.
State Drinking Water Limits, - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Galloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4060305
Reporting Date: June 20, 2014

Date Received: June 9, 2014
Project # / Name: None / Triennial EPA Pb & Cu Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-73 Warehouse, sampled 6/4/2014 6:50:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4060305-03

	Results	Units	RL	State Drinking Water Limits	Analysis Method	Date Analyzed	Flags
Copper	74	ug/L	50	1300	EPA 200.8	06/18/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	06/18/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.
State Drinking Water Limits - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Galloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95074
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4060305
Reporting Date: June 20, 2014

Date Received: June 9, 2014
Project # / Name: None / Triennial EPA Pb & Cu Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-74 Engineering Wing, sampled 6/4/2014 7:00:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4060305-04

	Results	Units	RL	State Drinking Water Limits	Analysis Method	Date Analyzed	Flags
Copper	ND	ug/L	50	1300	EPA 200.8	06/18/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	06/18/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.
State Drinking Water Limits - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Galloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dyegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4060305
Reporting Date: June 20, 2014

Date Received: June 9, 2014
Project # / Name: None / Triennial EPA Pb & Cu Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-75 Electric Tech Shop Bldg., sampled 6/5/2014 6:55:00AM
Sampler Name / Co.: Richard Carrillo / Dyegy
Matrix: Water
Laboratory #: 4060305-05

	Results	Units	RL	State Drinking Water Limits *	Analysis Method	Date Analyzed	Flags
Copper	130	ug/L	50	1300	EPA 200.8	06/18/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	06/18/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.
State Drinking Water Limits* - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Gallaway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4060305
Reporting Date: June 20, 2014

Date Received: June 9, 2014
Project # / Name: None / Triennial EPA Pb & Cu Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-76 Assembly Bldg., sampled 6/5/2014 7:05:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4060305-06

	Results	Units	RL	State Drinking Water Limits	Analysis Method	Date Analyzed	Flags
Copper	110	ug/L	50	1300	EPA 200.8	06/18/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	06/18/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.
State Drinking Water Limits, - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Galloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4060305
Reporting Date: June 20, 2014

Date Received: June 9, 2014
Project # / Name: None / Triennial EPA Pb & Cu Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-77 New Locker Rm., sampled 6/6/2014 7:00:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4060305-07

	Results	Units	RL	State Drinking Water Limits	Analysis Method	Date Analyzed	Flags
Copper	120	ug/L	50	1300	EPA 200.8	06/18/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	06/18/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.
State Drinking Water Limits - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Galloway

CHAIN OF CUSTODY RECORD

PROJECT NAME: Triennial EPA Pb & Cu Sampling

SAMPLERS (signature) Richard Carrillo

SAMPLE LOCATION	DATE SAMPLED	TIME SAMPLED	COMP	GRAB	SAMPLE NUMBER AND DESCRIPTION	No. of containers	QTY	Analysis Required		Remarks
								Lead	Copper	
ERDIE BLOCHNER										
Adm. Bldg	6/3/14	0705		X	MLS14-71 Adm. Bldg 51 floor Mens Bath	1	1	X	X	(1) 1 Liter Poly with HNO ₃
667 Corridor	6/3/14	0715		X	667 Corridor Restroom Sink	1	1	X	X	Drinking Water
Warehouse	6/3/14	0650		X	Warehouse Mens Restroom Sink	1	1	X	X	All samples were the first liter drawn
Eng. nearby	6/4/14	0700		X	Engineering Shop Copy Room Sink	1	1	X	X	often a minimum of 6 hours standing
Electric Shop Bldg	6/5/14	0655		X	Electric Shop South Mens Restroom	1	1	X	X	water in pipelines from the Cold Water Tap
Assembly Bldg	6/5/14	0705		X	Assembly Bldg Mens Restroom	1	1	X	X	(Right Hand Sink)
New Lactone	6/6/14	0700		X	New Lactone Mens Restroom Sink	1	1	X	X	All samples stored in Lab Refrigerator until shipped/delivered to LAB.
				X	POE Switching Center Bldg Restroom Sink	1	1	X	X	
(NOT SAMPLED) RE: Pumping out of service										
Signature: <u>Richard Carrillo</u> Print Name: <u>RICHARD CARRILLO</u> Company: <u>Dynegy</u> Date: <u>6/9/14</u> Time: <u>1500</u>										
Received by: _____										
Relinquished by: _____										
Received by: _____										
Relinquished by: _____										
Received by Laboratory: <u>Yvonne Nguyen</u>										
Received by Laboratory: <u>WYNNE ALBERTA</u>										
Samples going to: <u>Soil Control Lab 42 Hanger Way Watsonville, CA 95076</u> LAB (831) 724-5422										

Send contract laboratory's name, address, and phone # before transporting or analyzing



2014

Triennial California Lead & Copper Rule Report

September 3, 2014

Laboratory Re-Sampling Results

Lead Results

for

Administration Building

and

Units 6&7 Building

Water Quality Parameters Results

**Well 8, Well 9, Distribution Water Tank,
Administration Building and Units 6&7 Building**

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090134
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / EPA Pb & Cu Rule-Additional Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-105 Adming Bldg. (Pb Resample), sampled 9/3/2014 7:05:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4090134-01

	Results	Units	RL	State Drinking Water Limits †	Analysis Method	Date Analyzed	Flags
* Lead	24	ug/L	5.0	15	EPA 200.8	09/05/14	

RL - are levels down to which we can quantify with reliability, a result below this level is reported as "ND" for Not Detected.
State Drinking Water Limits † - as listed by California Administrative Code, Title 22.

* - a * in the left hand margin of the report means that particular constituent is above the California Drinking Water Limits.

Mike Galloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090134
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / EPA Pb & Cu Rule-Additional Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-106 U6/7 (Pb Resample), sampled 9/3/2014 7:15:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4090134-02

	Results	Units	RL	State Drinking Water Limits	Analysis Method	Date Analyzed	Flags
Lead	ND	ug/L	5.0	15	EPA 200.8	09/05/14	

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Mike Gulloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95074
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090135
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / EPA Pb & Cu Rule-Additional Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-107 Admin. Bldg., sampled 9/3/2014 9:50:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4090135-01

	Results	Units	RL	State Drinking Water Limits †	Analysis Method	Date Analyzed	Flags
Hydroxide as OH	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Carbonate as CO ₃	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Bicarbonate as HCO ₃	160	mg/L	2.0	-	SM 2320B	09/03/14	
Total Alkalinity as CaCO ₃	130	mg/L	2.0	-	SM 2320B	09/03/14	
Calcium	49	mg/L	0.50	-	EPA 200.7	09/05/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	09/05/14	

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State Drinking Water Limits: - as listed by California Administrative Code, Title 22.

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Mike Galloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090135
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / EPA Pb & Cu Rule-Additional Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-108 U6/7, sampled 9/3/2014 10:20:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4090135-02

	Results	Units	RL	State Drinking Water Limits *	Analysis Method	Date Analyzed	Flags
Hydroxide as OH	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Carbonate as CO3	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Bicarbonate as HCO3	150	mg/L	2.0	-	SM 2320B	09/03/14	
Total Alkalinity as CaCO3	130	mg/L	2.0	-	SM 2320B	09/03/14	
Calcium	48	mg/L	0.50	-	EPA 200.7	09/05/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	09/05/14	

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Mike Galloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090135
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / EPA Pb & Cu Rule-Additional Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-109 Water Tank, sampled 9/3/2014 10:40:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4090135-03

	Results	Units	RL	State Drinking Water Limits *	Analysis Method	Date Analyzed	Flags
Hydroxide as OH	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Carbonate as CO3	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Bicarbonate as HCO3	160	mg/L	2.0	-	SM 2320B	09/03/14	
Total Alkalinity as CaCO3	130	mg/L	2.0	-	SM 2320B	09/03/14	
Calcium	50	mg/L	0.50	-	EPA 200.7	09/05/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	09/05/14	

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State Drinking Water Limits: - as listed by California Administrative Code, Title 22.

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Mike Galloway

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090136
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / EPA Pb & Cu Rule-Additional Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-110 Well 8, sampled 9/3/2014 11:20:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4090136-01

	Results	Units	RL	State Drinking Water Limits *	Analysis Method	Date Analyzed	Flags
Hydroxide as OH	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Carbonate as CO3	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Bicarbonate as HCO3	150	mg/L	2.0	-	SM 2320B	09/03/14	
Total Alkalinity as CaCO3	120	mg/L	2.0	-	SM 2320B	09/03/14	
Calcium	47	mg/L	0.50	-	EPA 200.7	09/05/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	09/05/14	

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Mike Gallon

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Dynegy / Moss Landing Power Plant
P.O. Box 690
Moss Landing, CA 95039
Attn: Ernie Bloecher

Work Order #: 4090136
Reporting Date: September 10, 2014

Date Received: September 3, 2014
Project # / Name: None / EPA Pb & Cu Rule-Additional Sampling
Water System #: 2701683 MOSS LANDING MWC
Sample Identification: MLS14-111 Well 9, sampled 9/3/2014 11:30:00AM
Sampler Name / Co.: Richard Carrillo / Dynegy
Matrix: Water
Laboratory #: 4090136-02

	Results	Units	RL	State Drinking Water Limits †	Analysis Method	Date Analyzed	Flags
Hydroxide as OH	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Carbonate as CO ₃	ND	mg/L	2.0	-	SM 2320B	09/03/14	
Bicarbonate as HCO ₃	210	mg/L	2.0	-	SM 2320B	09/03/14	
Total Alkalinity as CaCO ₃	170	mg/L	2.0	-	SM 2320B	09/03/14	
Calcium	66	mg/L	0.50	-	EPA 200.7	09/05/14	
Lead	ND	ug/L	5.0	15	EPA 200.8	09/05/14	

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State Drinking Water Limits, - as listed by California Administrative Code, Title 22.

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Mike Galloway

4090136

MOSS LANDING POWER PLANT
 Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

Page 1 of 1

CHAIN OF CUSTODY RECORD

PROJECT NAME: EPA Pb & Cu Rule Additional Sampling

SAMPLERS (signature): *Richard Carrillo*

SAMPLE LOCATION	DATE SAMPLED	TIME SAMPLED	COMP	GRAB	SAMPLE NUMBER AND DESCRIPTION	No. of containers	Quantity (mL)	Analysis Required			Remarks
								Lead	Calcium	Alkalinity	
Admin Bldg	9/3/14	0705		X	MLS14-105 Admin Bldg Men's Bathroom Sink (Right) Remote 30 MINFLUSHED	1	1000	*			4690134-01 1 L Poly with HNO3
W6/7	9/3/14	0715		X	MLS14-106 W6/7 60-60 Kitchenic Sink UNFLUSHED	1	1000	*			-02
Admin Bldg	9/3/14	0950		X	MLS14-107	3	1000	*	*		4590135 250 ml poly with HNO3 500 ml poly No Preservative 250 ml poly No Preservative
W6/7	9/3/14	1020		X	MLS14-108	3	1000	*	*		-02
Water Tank	9/3/14	1040		X	MLS14-109	3	1000	*	*		-03
Well 8	9/3/14	1120		X	MLS14-110 Well 8	3	1000	*	*		4090134 ID270-1683-001
Well 9	9/3/14	1130		X	MLS14-111 Well 9	3	1000	*	*		4090134 ID270-1683-002
Signature: <i>Richard Carrillo</i>					Print Name: RICHARD CARRILLO			Company: Dynegy		Date: 9/3/14	Time: 15:00
Relinquished by					Received by						
Relinquished by					Received by						
Relinquished by					Received by						
Received by Laboratory: <i>Yvonne</i>					Lab Name: NTECATA			Soil Contactor: <i>409</i>		Date: 9/3/14	Time: 1500

Samples going to: *Soil Control Lab 472 Hanger Way Watsonville, CA 95076 (831) 724-5422*

Record contains laboratory's name, address, and phone # before transporting or shipping

*Pb
Responsible
Water
Quality
Program
EPA
Pb
Cust
Pb*



Moss Landing Mutual Water Company

Analytical Results for 2014

Initial Hexavalent Chromium Sampling



Moss Landing Mutual Water Company
P.O. Box 690
Moss Landing, California
95039-0690
(831)633-6785

December 15, 2014

Ms. Sandy Ayala, REHS III
Monterey County, Department of Health
Division of Environmental Health
1270 Natividad Road
Salinas, CA 93906

Re: Initial Hexavalent Chromium Analytical Results, 2014

Dear Ms. Ayala:

Attached is Moss Landing Mutual Water Company's water system, I.D. No FA0810155, initial hexavalent chromium analytical results for 2014, in accordance with the SWRCB new regulation for hexavalent chromium.

If you have any further questions please contact Lee Genz at (831) 633-6785.

Sincerely,

A handwritten signature in black ink, appearing to read "Frank Slykas", is written over a horizontal line.

FRANK SLYKAS
Secretary
Moss Landing Mutual Water Company

LHGenz:
Attachments



Laboratories, Inc.
Environmental Testing Laboratory Since 1949



11/5/14

MLS14-139 well 8
MLS14-140 well 9

Date of Report: 11/24/2014

Ernie Bloecher

Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Client Project: [none]
BCL Project: Drinking Water *Cr6t*
BCL Work Order: 1426384
Invoice ID: B189502

Enclosed are the results of analyses for samples received by the laboratory on 11/6/2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green
Client Services Manager

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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BC LABORATORIES INC.		COOLER RECEIPT FORM		Rev. No. 18	09/04/14	Page	Of					
Submission #: <u>14-26384</u>												
SHIPPING INFORMATION Federal Express <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input checked="" type="checkbox"/> BC Lab Field Service <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____				SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____												
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____												
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.98</u>		Container: <u>PE</u>		Thermometer ID: <u>907</u>						
		Temperature: (A) <u>2.5</u> °C / (C) <u>2.1</u> °C		Date/Time: <u>11/6/14 10:15</u>		Analyst Init: <u>MS</u>						
SAMPLE CONTAINERS			SAMPLE NUMBERS									
			1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/GENERAL												
PT PE UNPRESERVED												
QT INORGANIC CHEMICAL METALS												
PT INORGANIC CHEMICAL METALS												
PT CYANIDE												
PT NITROGEN FORMS												
PT TOTAL SILICIDE												
2oz NITRATE/NITRITE <u>etc</u>		<u>A</u>	<u>A</u>									
PT TOTAL ORGANIC CARBON												
PT TOX												
PT CHEMICAL OXYGEN DEMAND												
PA PHENOLICS												
40ml VOA VIAL TRAVEL BLANK												
40ml VOA VIAL												
QT EPA 413.1, 413.2, 418.1												
PT ODOR												
RADIOLOGICAL												
BACTERIOLOGICAL												
40 ml VOA VIAL - 504												
QT EPA 508/608/8080												
QT EPA 515/8150												
QT EPA 525												
QT EPA 525 TRAVEL BLANK												
40ml EPA 547												
40ml EPA 531.1												
8oz Amber EPA 546												
QT EPA 549												
QT EPA 632												
QT EPA 8015M												
QT AMBER												
8 OZ. JAR												
32 OZ. JAR												
SOIL SLEEVE												
PCR VIAL												
PLASTIC BAG												
FERROUS IRON												
ENCORE												
SMART KIT												
Summa Canister												

Comments: _____
 Sample Numbering Completed By: MS Date/Time: 11/6/14 11:30 IS-1WPOccWorPerfoc(LAB_DOCS\FORMS\SAMREC)
 A = Actual / C = Corrected

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Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 11/24/2014 17:32
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1426384-01	COC Number:	---	Receive Date:	11/06/2014 10:15
	Project Number:	---	Sampling Date:	11/05/2014 07:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Well 8 MLS14-139	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Water
	<hr/>			
1426384-02	COC Number:	---	Receive Date:	11/06/2014 10:15
	Project Number:	---	Sampling Date:	11/05/2014 08:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	Well 9 MLS14-140	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Water

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Environmental Testing Laboratory Since 1949



Dynegy/Moss Landing Power Plant Highway 1 and Dolan Road/ P.O. Box 690 Moss Landing, CA 95039-0690	Reported: 11/24/2014 17:32 Project: Drinking Water Project Number: [none] Project Manager: Ernie Bloecher
--	--

Metals Analysis

BCL Sample ID: 1426384-01	Client Sample Name: Well 8 MLS14-139, 11/5/2014 7:55:00AM
---------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quais	Run #
Hexavalent Chromium	0.0098	mg/L	0.00020		EPA-218.6	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-218.6	11/09/14	11/09/14 11:10	OLH	IC-4	1	BXK0835

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Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 11/24/2014 17:32
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Metals Analysis

BCL Sample ID:	1426384-02	Client Sample Name:	Well 9 MLS14-140, 11/5/2014 8:00:00AM
----------------	------------	---------------------	---------------------------------------

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Hexavalent Chromium	0.0036	mg/L	0.00020		EPA-218.6	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-218.6	11/09/14	11/09/14 11:19	OLH	IC-4	1	BXK0835

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Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 11/24/2014 17:32
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Metals Analysis

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXK0835						
Hexavalent Chromium	BXK0835-BLK1	<0.00020	mg/L	0.00020		

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Dynegy/Moss Landing Power Plant
 Highway 1 and Dolan Road/ P.O. Box 690
 Moss Landing, CA 95039-0690

Reported: 11/24/2014 17:32
 Project: Drinking Water
 Project Number: [none]
 Project Manager: Ernie Bloecher

Metals Analysis

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BXK0835										
Hexavalent Chromium	BXK0835-BS1	LCS	0.020372	0.020000	mg/L	102		90 - 110		

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Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 11/24/2014 17:32
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Metals Analysis

Quality Control Report - Precision & Accuracy

Constituent	Source Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BXK0835		Used client sample: N								
Hexavalent Chromium	DUP	1426606-01	ND	<0.00020		mg/L			10	
	MS	1426606-01	ND	0.020920	0.020202	mg/L		104		90 - 110
	MSD	1426606-01	ND	0.020920	0.020202	mg/L	0	104	10	90 - 110

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Dynegy/Moss Landing Power Plant
Highway 1 and Dolan Road/ P.O. Box 690
Moss Landing, CA 95039-0690

Reported: 11/24/2014 17:32
Project: Drinking Water
Project Number: [none]
Project Manager: Ernie Bloecher

Notes And Definitions

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference

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MOSS LANDING POWER PLANT
 Post Office Box 690 * Moss Landing, California 95039 * (831) 633-6786

CHAIN OF CUSTODY RECORD

Page 1 of 1

PROJECT NAME: Drinking Water Source Sampling for Microbiological Examination

Analysis Required

SAMPLE LOCATION	DATE SAMPLED	TIME SAMPLED	COMP	GRAB	Exact Amount		Remarks
					SAMPLE NUMBER AND DESCRIPTION	No. of containers	
Well 8	11/5/14	0755		X	MLS14-139	1	* DRINKING WATER
					Well 8		Report results to
					ID 270-1683-001		CDPH via EDT
Well 9	11/5/14	0800		X	MLS14-140	1	MassLanding Method
					Well 9		Water Company
					ID 270-1683-002		APPA 2701683
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> 50ml plastic 11/5/14 1009 </div>							

Remarks: EPA 216 Cret by IC

Signature: Richard Lamb Print Name: RICHARD CARILLO Company: Deery Date: 11/5/14 Time: 1000

Relinquished by: Richard Lamb

Received by: Sampler placed in a ice chest for Fed Ex delivery to LAB (with ice)

Relinquished by:

Received by:

Relinquished by:

Received by Laboratory:

Samples going to: B.C. Laboratories 4100 Atlas Ct Bakersfield, CA 93309 661-327-4411

Recorded Laboratory's name, address, and phone # before transcribing or copying