

# CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

RECEIVED

JUN 29 2009

CLARK PACIFIC

June 18, 2009

CLS Work Order #: CSF0709

COC #: 106662

RECEIVED

JUN 29 2009

CLARK PACIFIC

Kevin Bottimore  
Eaton Pumps

20 W. Kentucky  
Woodland, CA 95695

**Project Name: Clark Pacific**

Enclosed are the results of analyses for samples received by the laboratory on 06-16-09 09:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.  
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

# CALIFORNIA LABORATORY SERVICES

06-18-09 15:28

Eaton Pumps  
20 W. Kentucky  
Woodland, CA 95695

Project: Clark Pacific  
Project Number: [none]  
Project Manager: Kevin Bottimore

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## Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Clark Pacific (CSF0709-01) Water</b> <b>Sampled: 06-16-09 08:00</b> <b>Received: 06-16-09 09:00</b>									
<b>Total Alkalinity</b>	<b>420</b>	5.0	mg/L	1	CS04461	06-16-09	06-16-09	SM2310B	
<b>Bicarbonate as CaCO3</b>	<b>420</b>	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
<b>Chloride</b>	<b>85</b>	5.0	"	10	CS04434	06-16-09	06-16-09	EPA 300.0	
<b>Fluoride</b>	<b>0.16</b>	0.10	"	1	"	"	06-16-09	"	
<b>Nitrate as NO3</b>	<b>42</b>	20	"	10	"	"	06-16-09	"	
<b>Sulfate as SO4</b>	<b>46</b>	5.0	"	"	"	"	"	"	
<b>Specific Conductance (EC)</b>	<b>1100</b>	1.0	µmhos/cm	1	CS04462	06-16-09	06-16-09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04449	06-16-09	06-16-09	SM5540 C	
<b>Calcium</b>	<b>82</b>	1.0	"	"	CS04501	06-17-09	06-18-09	200.7/2340B	
<b>Magnesium</b>	<b>70</b>	1.0	"	"	"	"	"	"	
<b>Potassium</b>	<b>2.6</b>	1.0	"	"	"	"	"	"	
<b>Sodium</b>	<b>74</b>	1.0	"	"	"	"	"	"	
<b>Hardness as CaCO3</b>	<b>490</b>	1.0	"	"	"	"	"	"	
<b>pH</b>	<b>7.74</b>	0.01	pH Units	"	CS04457	06-16-09	06-16-09	SM4500-H B	HT-F
<b>Total Dissolved Solids</b>	<b>670</b>	10	mg/L	"	CS04445	06-16-09	06-17-09	SM2540C	

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## Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Clark Pacific (CSF0709-01) Water    Sampled: 06-16-09 08:00    Received: 06-16-09 09:00</b>									
Boron	3.0	0.050	mg/L	1	CS04501	06-17-09	06-18-09	EPA 200.7	QB-1

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## Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- QB-1 The method blank or calibration verification blank contains analyte at a concentration above the MRL; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference