

# Consumer Confidence Report Certification Form

Water System Name: **Exxon, Las Flores Cyn Project**  
Water System Number: **4200743**

The water system named above hereby certifies that its Consumer Confidence Report was distributed on \_\_\_\_\_ (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 Department of Public Health.

Certified By: Name \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Phone Number (\_\_\_\_\_) \_\_\_\_\_ Date \_\_\_\_\_

=====

*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 method used: \_\_\_\_\_

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

\_\_\_ Posted the CCR on the internet at www. \_\_\_\_\_

\_\_\_ Mailed the CCR to postal patrons within the service area (attach zip codes used)

\_\_\_ Advertised 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 the newspaper and date published)

\_\_\_ Posted the CCR in public places (attach a list of locations)

\_\_\_ Delivery of multiple copies of CCR to single bill addresses serving several persons, such as apartments, businesses and schools

\_\_\_ Delivery to community organizations (attach a list of organizations)

\_\_\_ 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

# 2012 Consumer Confidence Report

Water System Name: Exxon, Las Flores Cyn Project

Report Date: June 2013

*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, 2012*

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

**Type of water sources(s) in use:** According to CDPH records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

**Your water comes from 5 sources:** LFC-Well 03P, LFC-Well 07P, LFC-Well 8P-2, LFC-Well 11P, and LFC-Well 11P-2.

For more information about this report, or for any questions relating to your drinking water, please call (805) 961 - 4044 and ask for Anthony Lopez.

## **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.

**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 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 which a water system must follow.

**Variations and Exemptions:** Department 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 ( $\mu\text{g/L}$ )

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

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

**pCi/l:** picocuries per liter (a measure of radioactivity)

**The sources of drinking water**(both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, spring, 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.

# 2012 Consumer Confidence Report

**Contaminants that may be present in source water include:**

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

**In order to ensure that tap water is safe to drink**, the U.S. Environmental Protection Agency (USEPA) and the California Department of Health Services (Department) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that must provide the same protection for public health.

**Tables 1,2,3,4 and 5 list all of the drinking water contaminants that were detected during the most recent sampling for the constituents.** The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The Department 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.

<b>TABLE 1 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER</b>						
Lead and Copper (complete if lead or copper detected in the last sample set)	No. of Samples Collected	90th Percentile Level	No. Site Exceeding AL	AL	PHG	Typical Sources of Contaminant
Lead (Pb) (ppb)	5 (2012)	2.20	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (ppm)	5 (2012)	0.280	0	1.3	.17	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

<b>TABLE 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS</b>						
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG)	Typical Sources of Contaminant
Sodium (ppm)	2011	100	81 - 118	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2011	553	85 - 958	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

## 2012 Consumer Confidence Report

**TABLE 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Barium (Ba) ppm	2010	0.04	0.03 - 0.05	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Chromium (Total Cr) ppb	2010	1	1 - 1	50.0	n/a	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (F) ppm	2011	0.3	0.2 - 0.4	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nickel ppb	2010	1	ND - 4	100	12	Erosion of natural deposits; discharge from metal factories
Nitrate + Nitrite as N ppm	2011	0.05	ND - 0.2	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha pCi/L	2009	3.4	1 - 6	15	n/a	Erosion of natural deposits.
Uranium pCi/L	2009	0.06	ND - 0.2	20	0.5	Erosion of natural deposits
Total Radium 228 pCi/L	2009	0.12	ND - 0.7	5	n/a	Erosion of natural deposits

**TABLE 4 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG)	Typical Sources of Contaminant
Chloride ppm	2011	29	21 - 41	500	n/a	Runoff/leaching from natural deposits; seawater influence
Color (Unfiltered) Units	2011	31	ND - 100	15	n/a	Naturally-occurring organic materials
Corrosivity (Langlier Index)	2011	0.2	-0.4 - 0.5	> 0	n/a	Natural or industrial-influenced balance of hydrogen, carbon and oxygen in the water, affected by temperature and other factors.
Iron (Fe) ppb	2011	1760	400 - 4200	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (Mn) ppb	2011	692	140 - 1310	50	500	Leaching from natural deposits
Specific Conductance umhos/cm	2011	828	778 - 910	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (SO4) ppm	2011	171	128 - 202	500	n/a	Runoff/leaching from natural deposits; industrial wastes
TDS ppm	2011	565	530 - 610	1000	n/a	Runoff/leaching from natural deposits
Zinc (Zn) ppm	2011	0.518	ND - 2.07	5	n/a	Runoff/leaching from natural deposits

Any violation of MCL,AL or MRDL is shaded. Additional information regarding the violation is provided later in this report.

# 2012 Consumer Confidence Report

**TABLE 5 - DETECTION OF UNREGULATED CONTAMINANTS**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Boron ppm	2011	1	ND - 5 (2011)	1	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.

### 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 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 (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 provider. 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 (800-426-4791)

**For Lead (Pb),** If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. *Exxon, Las Flores Cyn Project* is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

---



---



---



---



---



---

### Summary Information for Contaminants Exceeding an MCL, MRDL, or AL, or a violation of Any Treatment Technique or Monitoring and Reporting Requirement

**About our Color (Unfiltered):** Color was found at levels that exceed the secondary MCL. The color MCL was set to protect you against unpleasant aesthetic affects due to color. Violating this MCL does not pose a risk to public health.

**About our Corrosivity (Langlier Index):** Corrosivity less than 0 indicates your water may be corrosive to the plumbing and fixtures. The Corrosivity MCL was set to protect you against unpleasant aesthetic affects such as color, taste and odor. Violating this MCL does not pose a risk to public health.

# 2012 Consumer Confidence Report

**About our Iron (Fe):** Iron was found at levels that exceed the secondary MCL. The Iron MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

**About our Manganese (Mn):** Manganese was found at levels that exceed the secondary MCL. The Manganese MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

Manganese (Mn) result found exceeded California Department of Public Health(CDPH) notification level. The notification level for manganese is used to protect consumers from neurological effects. High levels of manganese in people have been shown to result in effects of the nervous system.

## Drinking Water Source Assessment Information

### Assessment Info

A Source Water Assessment was conducted for WELL 03P, WELL 07P, WELL 08P, and WELL 11P of the EXXON LAS FLORES CYN PROJECT water system in August, 2002. According to the Drinking Water Source Assessment and Protection Program's Source Water Assessments Public Access web page, a Source Water Assessment has not yet been conducted for WELL 11P-2 of the EXXON LAS FLORES CYN PROJECT.

Well 03 - is not considered vulnerable to any potentially contaminating activities at this time.

Well 07P - is considered most vulnerable to the following activities not associated with any detected contaminants:

Wells - Water supply

Well 08P - is considered most vulnerable to the following activities not associated with any detected contaminants:

NPDES/WDR permitted discharges

Well 11P - is not considered vulnerable to any potentially contaminating activities at this time.

Well 11P-2 - does not have a completed Source Water Assessment on file.

### Discussion of Vulnerability

There have been no other contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source.

Assessment summaries are not available for some sources. This is because:

- The Assessment has not been completed. Contact the local Department of Health Services (DHS) Drinking Water field office or the water system to find out when the Assessment is scheduled to be done.
- The source is not active. It may be out of service, or new and not yet in service.
- The Assessment was not submitted electronically. The site used to obtain Assessments only provides access to Assessment summaries submitted electronically.

### Acquiring Info

A copy of the complete assessment may be viewed at:

Environmental Health Services  
225 Camino del Remedio  
Santa Barbara, CA 93110

You may request a summary of the assessment be sent to you by contacting:

Norman Fujimoto  
Environmental Health Specialist  
805-681-4917  
805-681-4901 (fax)  
Fujimoto@co.santa-barbara.ca.us

# Exxon, Las Flores Cyn Project Analytical Results By FGL - 2012

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
<b>Lead (Pb)</b>		ppb	0	15	0.2			2.20	5
1st Floor Drink	SP 1205627-004	ppb				06/03/2012	1.10		
1st Floor Laund	SP 1205627-003	ppb				06/03/2012	2.00		
1st Floor Men`s	SP 1205627-001	ppb				06/03/2012	1.90		
2nd Floor Men`s	SP 1205627-002	ppb				06/03/2012	1.20		
2nd Floor Sink	SP 1205627-005	ppb				06/03/2012	2.40		
<b>Copper</b>		ppm		1.3	.17			0.280	5
1st Floor Drink	SP 1205627-004	ppm				06/03/2012	0.310		
1st Floor Laund	SP 1205627-003	ppm				06/03/2012	0.210		
1st Floor Men`s	SP 1205627-001	ppm				06/03/2012	0.170		
2nd Floor Men`s	SP 1205627-002	ppm				06/03/2012	0.250		
2nd Floor Sink	SP 1205627-005	ppm				06/03/2012	0.110		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Sodium</b>		ppm		none	none			100	81 - 118
LFC-Well 03P	SP 1100460-003	ppm				01/13/2011	118		
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	87.0		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	81.0		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	116		
<b>Hardness</b>		ppm		none	none			553	85 - 958
LFC-Well 03P	SP 1100460-003	ppm				01/13/2011	958		
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	605		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	84.6		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	565		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Barium (Ba)</b>		ppm	2	1	2			0.04	0.03 - 0.05
LFC-Well 03P	SP 1006300-001	ppm				06/29/2010	0.0342		
LFC-Well 07P	SP 1006300-002	ppm				06/29/2010	0.0465		
LFC-Well 8P-2	SP 1006300-003	ppm				06/29/2010	0.0401		
LFC-Well 11P	SP 1006300-004	ppm				06/29/2010	0.0289		
<b>Chromium (Total Cr)</b>		ppb	100	50.0				1	1 - 1
LFC-Well 03P	SP 1006300-001	ppb				06/29/2010	1.00		
LFC-Well 07P	SP 1006300-002	ppb				06/29/2010	1.00		
LFC-Well 8P-2	SP 1006300-003	ppb				06/29/2010	1.00		
LFC-Well 11P	SP 1006300-004	ppb				06/29/2010	1.00		
<b>Fluoride (F)</b>		ppm		2	1			0.3	0.2 - 0.4
LFC-Well 03P	SP 1100460-003	ppm				01/13/2011	0.200		
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	0.200		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	0.400		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	0.400		
<b>Nickel</b>		ppb		100	12			1	0 - 4
LFC-Well 03P	SP 1006300-001	ppb				06/29/2010	0.00		
LFC-Well 07P	SP 1006300-002	ppb				06/29/2010	0.00		
LFC-Well 8P-2	SP 1006300-003	ppb				06/29/2010	4.00		
LFC-Well 11P	SP 1006300-004	ppb				06/29/2010	0.00		
<b>Nitrate + Nitrite as N</b>		ppm		10	10			0.05	0.0 - 0.2
LFC-Well 03P	SP 1100460-003	ppm				01/13/2011	0.00		
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	0.00		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	0.200		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	0.00		
<b>Gross Alpha</b>		pCi/L		15				3.4	1 - 6
LFC-Well 03P	SP 0912825-003	pCi/L				12/18/2009	1.32		
LFC-Well 07P	SP 0912825-004	pCi/L				12/18/2009	1.91		
LFC-Well 8P-Std	SP 0912825-005	pCi/L				12/18/2009	2.30		

## Exxon, Las Flores Cyn Project Analytical Results By FGL - 2012

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Gross Alpha</b>									
LFC-Well 11P	SP 0912825-006	pCi/L				12/18/2009	3.31		
LFC-Well 03P	SP 0909181-003	pCi/L				09/14/2009	1.84		
LFC-Well 07P	SP 0909181-004	pCi/L				09/14/2009	3.93		
LFC-Well 8P-Std	SP 0909181-005	pCi/L				09/14/2009	5.76		
LFC-Well 11P	SP 0909181-006	pCi/L				09/14/2009	5.99		
LFC-Well 03P	SP 0906187-003	pCi/L				06/22/2009	2.16		
LFC-Well 07P	SP 0906187-004	pCi/L				06/22/2009	2.76		
LFC-Well 8P-Std	SP 0906187-005	pCi/L				06/22/2009	5.63		
LFC-Well 11P	SP 0906187-006	pCi/L				06/22/2009	3.53		
LFC-Well 03P	SP 0903056-003	pCi/L				03/30/2009	1.73		
LFC-Well 07P	SP 0903056-004	pCi/L				03/30/2009	2.94		
LFC-Well 8P-Std	SP 0903056-005	pCi/L				03/30/2009	2.84		
LFC-Well 11P	SP 0903056-006	pCi/L				03/30/2009	5.86		
<b>Uranium</b>									
LFC-Well 11P	SP 0912825-006	pCi/L		20	0.5	12/18/2009	0.215	0.06	0 - 0.2
LFC-Well 07P	SP 0909181-004	pCi/L				09/14/2009	0.093		
LFC-Well 8P-Std	SP 0909181-005	pCi/L				09/14/2009	0.000		
LFC-Well 11P	SP 0909181-006	pCi/L				09/14/2009	0.000		
LFC-Well 8P-Std	SP 0906187-005	pCi/L				06/22/2009	0.000		
LFC-Well 11P	SP 0906187-006	pCi/L				06/22/2009	0.125		
LFC-Well 11P	SP 0903056-006	pCi/L				03/30/2009	0.000		
<b>Total Radium 228</b>									
LFC-Well 03P	SP 0912825-003	pCi/L	0.019	5		12/18/2009	0.000	0.12	0.0 - 0.7
LFC-Well 07P	SP 0912825-004	pCi/L				12/18/2009	0.000		
LFC-Well 8P-Std	SP 0912825-005	pCi/L				12/18/2009	0.000		
LFC-Well 11P	SP 0912825-006	pCi/L				12/18/2009	0.000		
LFC-Well 03P	SP 0909181-003	pCi/L				09/14/2009	0.436		
LFC-Well 07P	SP 0909181-004	pCi/L				09/14/2009	0.000		
LFC-Well 8P-Std	SP 0909181-005	pCi/L				09/14/2009	0.158		
LFC-Well 11P	SP 0909181-006	pCi/L				09/14/2009	0.732		
LFC-Well 03P	SP 0906187-003	pCi/L				06/22/2009	0.224		
LFC-Well 07P	SP 0906187-004	pCi/L				06/22/2009	0.359		
LFC-Well 8P-Std	SP 0906187-005	pCi/L				06/22/2009	0.000		
LFC-Well 11P	SP 0906187-006	pCi/L				06/22/2009	0.000		
LFC-Well 03P	SP 0903056-003	pCi/L				03/30/2009	0.000		
LFC-Well 07P	SP 0903056-004	pCi/L				03/30/2009	0.000		
LFC-Well 8P-Std	SP 0903056-005	pCi/L				03/30/2009	0.000		
LFC-Well 11P	SP 0903056-006	pCi/L				03/30/2009	0.000		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Chloride</b>									
LFC-Well 03P	SP 1100460-003	ppm		500		01/13/2011	21.0	29	21 - 41
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	25.0		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	28.0		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	41.0		
<b>Color (Unfiltered)</b>									
LFC-Well 03P	SP 1100460-003	Units		15		01/13/2011	15.0	31	0 - 100
LFC-Well 07P	SP 1100460-004	Units				01/13/2011	0.00		
LFC-Well 8P-2	SP 1100460-005	Units				01/13/2011	10.0		
LFC-Well 11P	SP 1100460-006	Units				01/13/2011	100		
<b>Corrosivity (Langlier Index)</b>									
LFC-Well 03P	SP 1100460-003			> 0		01/13/2011	0.4	0.2	-0.4 - 0.5
LFC-Well 07P	SP 1100460-004					01/13/2011	0.3		
LFC-Well 8P-2	SP 1100460-005					01/13/2011	-0.4		
LFC-Well 11P	SP 1100460-006					01/13/2011	0.5		
<b>Iron (Fe)</b>									
LFC-Well 03P	SP 1100460-003	ppb		300		01/13/2011	380	1760	400 - 4200
LFC-Well 07P	SP 1100460-004	ppb				01/13/2011	1860		
<b>Iron (Fe)</b>									



## Exxon, Las Flores Cyn Project Analytical Results By FGL - 2012

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
LFC-Well 8P-2	SP 1100460-005	ppb				01/13/2011	560		
LFC-Well 11P	SP 1100460-006	ppb				01/13/2011	4230		
<b>Manganese (Mn)</b>		ppb		50	500			692	140 - 1310
LFC-Well 03P	SP 1100460-003	ppb				01/13/2011	1310		
LFC-Well 07P	SP 1100460-004	ppb				01/13/2011	480		
LFC-Well 8P-2	SP 1100460-005	ppb				01/13/2011	140		
LFC-Well 11P	SP 1100460-006	ppb				01/13/2011	840		
<b>Specific Conductance</b>		umhos/cm		1600				828	778 - 910
LFC-Well 03P	SP 1100460-003	umhos/cm				01/13/2011	784		
LFC-Well 07P	SP 1100460-004	umhos/cm				01/13/2011	841		
LFC-Well 8P-2	SP 1100460-005	umhos/cm				01/13/2011	778		
LFC-Well 11P	SP 1100460-006	umhos/cm				01/13/2011	910		
<b>Sulfate (SO4)</b>		ppm		500				171	128 - 202
LFC-Well 03P	SP 1100460-003	ppm				01/13/2011	193		
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	202		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	128		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	162		
<b>TDS</b>		ppm		1000				565	530 - 610
LFC-Well 03P	SP 1100460-003	ppm				01/13/2011	540		
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	580		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	530		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	610		
<b>Zinc (Zn)</b>		ppm		5				0.518	0.00 - 2.07
LFC-Well 03P	SP 1100460-003	ppm				01/13/2011	0.00		
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	0.00		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	0.00		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	2.07		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Boron</b>		ppm		NS				1	0 - 5
LFC-Well 03P	SP 1100460-003	ppm				01/13/2011	0.600		
LFC-Well 07P	SP 1100460-004	ppm				01/13/2011	0.400		
LFC-Well 8P-2	SP 1100460-005	ppm				01/13/2011	0.00		
LFC-Well 11P	SP 1100460-006	ppm				01/13/2011	4.50		

## Exxon, Las Flores Cyn Project CCR Login Linkage - 2012

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
1st Floor Admin	04/20/2012	SP 1203929-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
	05/29/2012	SP 1205266-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
	06/14/2012	SP 1205976-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
	07/16/2012	SP 1207100-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
	08/13/2012	SP 1208171-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
	09/24/2012	SP 1209741-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
	10/10/2012	SP 1210374-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
	11/12/2012	SP 1211587-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
	12/14/2012	SP 1212829-001	Coliform	1stFloorAdmin.Bldg.-PrimaryTap	LFC Routine Bacteriological
1st Floor Drink	06/03/2012	SP 1205627-004	Metals, Total	1st Floor Kitchen	LFC - Lead & Copper
1st Floor Laund	06/03/2012	SP 1205627-003	Metals, Total	1st Floor Laundry	LFC - Lead & Copper
1st Floor Men`s	06/03/2012	SP 1205627-001	Metals, Total	1st Floor Men's Room	LFC - Lead & Copper
2nd Floor Men`s	06/03/2012	SP 1205627-002	Metals, Total	2nd Floor Men's Room	LFC - Lead & Copper
2nd Floor Sink	06/03/2012	SP 1205627-005	Metals, Total	2nd Floor Sink	LFC - Lead & Copper
LFC-Well 03P	09/24/2007	SP 0710639-001	EPA 507	Well 03P	LFC Wells - SOCs
	03/29/2008	SP 0803528-003	Radio Chemistry	Well 03P	Radio Monitoring
	09/18/2008	SP 0810239-003	Radio Chemistry	Well 03P	Radio Monitoring
	12/19/2008	SP 0813834-003	Radio Chemistry	Well 03P	Radio Monitoring
	03/30/2009	SP 0903056-003	Radio Chemistry	Well 03P	Radio Monitoring
	06/22/2009	SP 0906187-003	Radio Chemistry	Well 03P	Radio Monitoring
	09/14/2009	SP 0909181-003	Radio Chemistry	Well 03P	Radio Monitoring
	12/18/2009	SP 0912825-003	Radio Chemistry	Well 03P	Radio Monitoring
	01/29/2010	SP 1000914-003	Wet Chemistry	Well 03P	Groundwater Sampling (Every 3 Yr.)
	06/29/2010	SP 1006300-001	EPA 524.2	Well 03P	Env Health Serv (EHS) Permit #0743 - Triennial
	06/29/2010	SP 1006300-001	Metals, Total	Well 03P	Env Health Serv (EHS) Permit #0743 - Triennial
	11/12/2010	SP 1011663-001	Wet Chemistry	WELL #3P HOSE BIBB	Perchlorate Monitoring
	01/13/2011	SP 1100460-003	General Mineral	Well 03P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-003	Metals, Total	Well 03P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-003	TOC	Well 03P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-003	Wet Chemistry	Well 03P	Well Water Quality Monitoring
	04/19/2012	SP 1203889-001	Wet Chemistry	Well 03P	LFC - Water Quality Monitoring
LFC-Well 07P	09/24/2007	SP 0710639-002	EPA 504.1	Well 07P	LFC Wells - SOCs
	09/24/2007	SP 0710639-002	EPA 507	Well 07P	LFC Wells - SOCs
	03/30/2009	SP 0903056-004	Radio Chemistry	Well 07P	Radio Monitoring
	06/22/2009	SP 0906187-004	Radio Chemistry	Well 07P	Radio Monitoring
	09/14/2009	SP 0909181-004	Radio Chemistry	Well 07P	Radio Monitoring
	12/18/2009	SP 0912825-004	Radio Chemistry	Well 07P	Radio Monitoring
	01/29/2010	SP 1000914-004	Wet Chemistry	Well 07P	Groundwater Sampling (Every 3 Yr.)
	06/29/2010	SP 1006300-002	EPA 524.2	Well 07P	Env Health Serv (EHS) Permit #0743 - Triennial
	06/29/2010	SP 1006300-002	Metals, Total	Well 07P	Env Health Serv (EHS) Permit #0743 - Triennial
	11/12/2010	SP 1011663-002	Wet Chemistry	WELL #7 P	Perchlorate Monitoring
	01/13/2011	SP 1100460-004	General Mineral	Well 07P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-004	Metals, Total	Well 07P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-004	TOC	Well 07P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-004	Wet Chemistry	Well 07P	Well Water Quality Monitoring
04/19/2012	SP 1203889-002	Wet Chemistry	Well 07P	LFC - Water Quality Monitoring	
LFC-Well 11P	09/24/2007	SP 0710639-004	EPA 504.1	Well 11P	LFC Wells - SOCs
	09/24/2007	SP 0710639-004	EPA 507	Well 11P	LFC Wells - SOCs
	03/30/2009	SP 0903056-006	Radio Chemistry	Well 11P	Radio Monitoring
	06/22/2009	SP 0906187-006	Radio Chemistry	Well 11P	Radio Monitoring
	09/14/2009	SP 0909181-006	Radio Chemistry	Well 11P	Radio Monitoring
	12/18/2009	SP 0912825-006	Radio Chemistry	Well 11P	Radio Monitoring
	01/29/2010	SP 1000914-006	Wet Chemistry	Well 11P	Groundwater Sampling (Every 3 Yr.)
	06/29/2010	SP 1006300-004	EPA 524.2	Well 11P	Env Health Serv (EHS) Permit #0743 - Triennial

## Exxon, Las Flores Cyn Project CCR Login Linkage - 2012

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
LFC-Well 11P	06/29/2010	SP 1006300-004	Metals, Total	Well 11P	Env Health Serv (EHS) Permit #0743 - Triennial
	11/12/2010	SP 1011663-004	Wet Chemistry	WELL # 11P	Perchlorate Monitoring
	01/13/2011	SP 1100460-006	General Mineral	Well 11P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-006	Metals, Total	Well 11P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-006	TOC	Well 11P	Well Water Quality Monitoring
	01/13/2011	SP 1100460-006	Wet Chemistry	Well 11P	Well Water Quality Monitoring
	04/19/2012	SP 1203889-004	Wet Chemistry	Well 11P	LFC - Water Quality Monitoring
LFC-Well 11P-2	09/26/2008	SP 0810562-001	Wet Chemistry	Well 11P-2	Exxon Mobil Well 11P-2
	10/06/2008	SP 0811029-001	Metals, Total	Well 11P-2,Step 1	Well 11P-2
	10/06/2008	SP 0811029-001	Wet Chemistry	Well 11P-2,Step 1	Well 11P-2
	10/06/2008	SP 0811029-002	Metals, Total	Well 11P-2,Step 2	Well 11P-2
	10/06/2008	SP 0811029-002	Wet Chemistry	Well 11P-2,Step 2	Well 11P-2
	10/06/2008	SP 0811029-003	Metals, Total	Well 11P-2,Step 3	Well 11P-2
	10/06/2008	SP 0811029-003	Wet Chemistry	Well 11P-2,Step 3	Well 11P-2
	10/06/2008	SP 0811029-004	Metals, Total	Well 11P-2,Step 4	Well 11P-2
	10/06/2008	SP 0811029-004	Wet Chemistry	Well 11P-2,Step 4	Well 11P-2
	10/07/2008	SP 0811124-001	Metals, Total	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	Asbestos	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	Dioxin	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 504.1	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 505	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 507	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 515	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 524.2	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 525.2	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 531.1	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 547	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 548.1	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	EPA 549.1	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	General Mineral	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	Metals, Total	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811123-001	Wet Chemistry	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811124-002	Metals, Total	Well 11P-2	Well 11P-2
	10/08/2008	SP 0811124-003	Metals, Total	Well 11P-2	Well 11P-2
LFC-Well 8	09/24/2007	SP 0710639-003	EPA 504.1	Well 8	LFC Wells - SOCs
	09/24/2007	SP 0710639-003	EPA 507	Well 8	LFC Wells - SOCs
LFC-Well 8P-2	01/29/2010	SP 1000914-005	Wet Chemistry	Well 8P-2	Groundwater Sampling (Every 3 Yr.)
	06/29/2010	SP 1006300-003	EPA 524.2	Well 8P-2	Env Health Serv (EHS) Permit #0743 - Triennial
	06/29/2010	SP 1006300-003	Metals, Total	Well 8P-2	Env Health Serv (EHS) Permit #0743 - Triennial
	11/12/2010	SP 1011663-003	Wet Chemistry	WELL 8P-2	Perchlorate Monitoring
	01/13/2011	SP 1100460-005	General Mineral	Well 8P-2	Well Water Quality Monitoring
	01/13/2011	SP 1100460-005	Metals, Total	Well 8P-2	Well Water Quality Monitoring
	01/13/2011	SP 1100460-005	TOC	Well 8P-2	Well Water Quality Monitoring
	01/13/2011	SP 1100460-005	Wet Chemistry	Well 8P-2	Well Water Quality Monitoring
LFC-Well 8P-Std	04/19/2012	SP 1203889-003	Wet Chemistry	Well 8P-2	LFC - Water Quality Monitoring
	06/26/2008	SP 0807046-001	Wet Chemistry	Well # 8P-Standby	Env Health Serv (EHS) Permit #0743 - Annual Nitrates
	06/26/2008	SP 0807047-005	Wet Chemistry	Well # 8P-Standby	Groundwater Sampling (Every 3 Yr.)
	03/30/2009	SP 0903056-005	Radio Chemistry	Well # 8P-Standby	Radio Monitoring
	06/22/2009	SP 0906187-005	Radio Chemistry	Well # 8P-Standby	Radio Monitoring
	06/22/2009	SP 0906187-005	Wet Chemistry	Well # 8P-Standby	Radio Monitoring
	09/14/2009	SP 0909181-005	Radio Chemistry	Well # 8P-Standby	Radio Monitoring
Well 8P-2 NPDES	12/18/2009	SP 0912825-005	Radio Chemistry	Well # 8P-Standby	Radio Monitoring
	12/14/2005	SP 0513030-001	Wet Chemistry	Well 8P-2 NPDES Sample	Well 8P-2
Well No. 8P-2	12/14/2005	SP 0513075-001	EPA 504.1	Well No. 8P-2	Well 8P-2
	12/14/2005	SP 0513075-001	EPA 505	Well No. 8P-2	Well 8P-2

## Exxon, Las Flores Cyn Project CCR Login Linkage - 2012

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
Well No. 8P-2	12/14/2005	SP 0513075-001	EPA 507	Well No. 8P-2	Well 8P-2
	12/14/2005	SP 0513075-001	EPA 515	Well No. 8P-2	Well 8P-2
	12/14/2005	SP 0513075-001	EPA 524.2	Well No. 8P-2	Well 8P-2
	12/14/2005	SP 0513075-001	EPA 525.2	Well No. 8P-2	Well 8P-2
	12/14/2005	SP 0513075-001	EPA 531.1	Well No. 8P-2	Well 8P-2
	12/14/2005	SP 0513075-001	EPA 547	Well No. 8P-2	Well 8P-2
	12/14/2005	SP 0513075-001	EPA 548.1	Well No. 8P-2	Well 8P-2
	12/14/2005	SP 0513075-001	EPA 549	Well No. 8P-2	Well 8P-2