

# Consumer Confidence Report Certification Form

Water System Name: **BES Concrete Products**

Water System Number: 01

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 3/30/13 (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 JAN R REED

Signature *Jan Reed*

Title OPERATIONS MANAGER

Phone Number (209) 221-4021 Date 3/30/13

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: POSTED IN BREAK ROOM

"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) > BREAK ROOM

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: **BES Concrete Products**

Report Date: **March 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:** This info is not available, as this water system does not have a completed assessment on file. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

**Your water comes from 1 source:** Well 01.

For more information about this report, or for any questions relating to your drinking water, please call (209) 221 - 4021 and ask for Jon R. Reed.

## 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 (µg/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.

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**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 and 3 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.

TABLE 1 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER						
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)	0.70	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (ppm)	5 (2012)	0.129	0	1.3	.17	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

TABLE 2 - 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	2011	0.04	0.04 - 0.04	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Chromium (Total Cr) ppb	2011	2	2 - 2	50.0	n/a	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Nitrate (NO3) ppm	2012	13.5	14 - 14	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

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TABLE 2 - 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
Selenium (Se) ppb	2011	3.0	3 - 3	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)
Gross Alpha pCi/L	2007	2.3	2 - 3	15	n/a	Erosion of natural deposits.

TABLE 3 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Vanadium ppm	2011	0.003	0.003 - 0.003 (2011)	0.05	The babies of some pregnant women who drink water containing vanadium in excess of the action 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. *BES Concrete Products* 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>.

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## Drinking Water Source Assessment Information

### Assessment Info

According to the Drinking Water Source Assessment and Protection Program's Source Water Assessments Public Access web page, the Public Water Source(s) WELL, belonging to system 3901420 - BES CONCRETE PRODUCTS, does not have a completed Source Water Assessment on file.

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

For more info you may visit <http://swap.ice.ucdavis.edu/TSinfo/TSintro.asp> or contact the health department in the county to which the water system belongs.

## BES Concrete Products Analytical Results By FGL - 2012

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
<b>Lead (Pb)</b>			0	15	0.2			0.70	5
Admin	STK1236841-002	ppb				07/21/2012	0.300		
Breakroom	STK1236841-004	ppb				07/21/2012	0.600		
Production	STK1236841-001	ppb				07/21/2012	0.600		
Sales	STK1236841-003	ppb				07/21/2012	0.800		
Upper Office	STK1236841-005	ppb				07/21/2012	0.500		
<b>Copper</b>				1.3	.17			0.129	5
Admin	STK1236841-002	ppm				07/21/2012	0.00700		
Breakroom	STK1236841-004	ppm				07/21/2012	0.207		
Production	STK1236841-001	ppm				07/21/2012	0.0250		
Sales	STK1236841-003	ppm				07/21/2012	0.0510		
Upper Office	STK1236841-005	ppm				07/21/2012	0.0260		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Barium (Ba)</b>			2	1	2			0.04	0.04 - 0.04
WELL01	STK1134782-001	ppm				06/08/2011	0.0445		
<b>Chromium (Total Cr)</b>			100	50.0				2	2 - 2
WELL01	STK1134782-001	ppb				06/08/2011	2.00		
<b>Nitrate (NO3)</b>				45	45			13.5	14 - 14
WELL01	STK1235153-001	ppm				06/07/2012	13.5		
<b>Selenium (Se)</b>			50	50	30			3.0	3 - 3
WELL01	STK1134782-001	ppb				06/08/2011	3.00		
<b>Gross Alpha</b>				15				2.3	2 - 3
Well	STK0735336-001	pCi/L				06/18/2007	2.00		
Well	STK0732140-001	pCi/L				03/06/2007	2.64		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Vanadium</b>				NS				0.003	0.003 - 0.003
WELL01	STK1134782-001	ppm				06/08/2011	0.00300		

## BES Concrete Products CCR Login Linkage - 2012

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
Admin	06/16/2009	STK0935707-002	Metals, Total	Admin	Cu & Pb Monitoring
	07/21/2012	STK1236841-002	Metals, Total	Admin	Cu & Pb Monitoring
Admin Trailer	07/19/2003	STK0334490-008	Metals, Total	Admin Trailer	Cu & Pb Monitoring
	08/26/2004	STK0436113-005	Metals, Total	Admin Trailer	Cu & Pb Monitoring
	08/26/2004	STK0436113-006	Metals, Total	Admin Trailer	Cu & Pb Monitoring
	07/30/2005	STK0536180-003	Metals, Total	Sales Trailer	Cu & Pb Monitoring
	07/30/2005	STK0536180-004	Metals, Total	Break Room	Cu & Pb Monitoring
Admin. Trailer	07/19/2003	STK0334490-007	Metals, Total	Admin. Trailer	Cu & Pb Monitoring
	07/22/2006	STK0636253-003	Metals, Total	Admin. Trailer	Cu & Pb Monitoring
	07/22/2006	STK0636253-004	Metals, Total	Admin. Trailer	Cu & Pb Monitoring
Breaker Room	07/22/2006	STK0636253-007	Metals, Total	Breaker Room	Cu & Pb Monitoring
	07/22/2006	STK0636253-008	Metals, Total	Breaker Room	Cu & Pb Monitoring
Breakroom	07/19/2003	STK0334490-003	Metals, Total	Breakroom	Cu & Pb Monitoring
	07/19/2003	STK0334490-004	Metals, Total	Breakroom	Cu & Pb Monitoring
	08/26/2004	STK0436113-001	Metals, Total	Breakroom	Cu & Pb Monitoring
	08/26/2004	STK0436113-002	Metals, Total	Breakroom	Cu & Pb Monitoring
	06/16/2009	STK0935707-004	Metals, Total	Breakroom	Cu & Pb Monitoring
	07/21/2012	STK1236841-004	Metals, Total	Breakroom	Cu & Pb Monitoring
Care Taker	07/19/2003	STK0334490-005	Metals, Total	Care Taker	Cu & Pb Monitoring
	07/19/2003	STK0334490-006	Metals, Total	Care Taker	Cu & Pb Monitoring
	08/26/2004	STK0436113-009	Metals, Total	Care Taker	Cu & Pb Monitoring
	08/26/2004	STK0436113-010	Metals, Total	Care Taker	Cu & Pb Monitoring
	07/22/2006	STK0636253-009	Metals, Total	Care Taker	Cu & Pb Monitoring
	07/22/2006	STK0636253-010	Metals, Total	Care Taker	Cu & Pb Monitoring
Production	06/16/2009	STK0935707-001	Metals, Total	Production	Cu & Pb Monitoring
	07/21/2012	STK1236841-001	Metals, Total	Production	Cu & Pb Monitoring
Production Trai	07/19/2003	STK0334490-009	Metals, Total	Production Trailer	Cu & Pb Monitoring
	07/19/2003	STK0334490-010	Metals, Total	Production Trailer	Cu & Pb Monitoring
	08/26/2004	STK0436113-003	Metals, Total	Production Trailer	Cu & Pb Monitoring
	08/26/2004	STK0436113-004	Metals, Total	Production Trailer	Cu & Pb Monitoring
	07/30/2005	STK0536180-001	Metals, Total	Production Trailer	Cu & Pb Monitoring
	07/30/2005	STK0536180-002	Metals, Total	Admin Trailer	Cu & Pb Monitoring
	07/22/2006	STK0636253-001	Metals, Total	Production Trailer	Cu & Pb Monitoring
	07/22/2006	STK0636253-002	Metals, Total	Production Trailer	Cu & Pb Monitoring
Sales	06/16/2009	STK0935707-003	Metals, Total	Sales	Cu & Pb Monitoring
	07/21/2012	STK1236841-003	Metals, Total	Sales	Cu & Pb Monitoring
Sales Trailer	07/19/2003	STK0334490-001	Metals, Total	Sales Trailer	Cu & Pb Monitoring
	07/19/2003	STK0334490-002	Metals, Total	Sales Trailer	Cu & Pb Monitoring
	08/26/2004	STK0436113-007	Metals, Total	Sales Trailer	Cu & Pb Monitoring
	08/26/2004	STK0436113-008	Metals, Total	Sales Trailer	Cu & Pb Monitoring
	07/30/2005	STK0536180-005	Metals, Total	Caretaker	Cu & Pb Monitoring
	07/22/2006	STK0636253-005	Metals, Total	Sales Trailer	Cu & Pb Monitoring
	07/22/2006	STK0636253-006	Metals, Total	Sales Trailer	Cu & Pb Monitoring
Trailer #3-Outs	01/04/2012	STK1230071-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	02/08/2012	STK1231140-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	03/06/2012	STK1231946-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	04/05/2012	STK1232855-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	05/02/2012	STK1233739-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	06/07/2012	STK1235154-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	07/05/2012	STK1236183-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	08/14/2012	STK1237783-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	09/05/2012	STK1238389-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	10/02/2012	STK1239233-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	11/07/2012	STK1250371-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
	12/04/2012	STK1251081-001	Coliform	Trailer #3-Outside So. Hosebib	Bacteriological Monitoring
Upper Office	06/16/2009	STK0935707-005	Metals, Total	Upper Office	Cu & Pb Monitoring
	07/21/2012	STK1236841-005	Metals, Total	Upper Office	Cu & Pb Monitoring
Well	09/27/2006	STK0638151-001	Radio Chemistry	Well	Radiological Sampling
	12/07/2006	STK0650485-001	Radio Chemistry	Well	Radio Monitoring

## BES Concrete Products CCR Login Linkage - 2012

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
Well	03/06/2007	STK0732140-001	Radio Chemistry	Well	Radio Monitoring
	06/18/2007	STK0735336-001	Radio Chemistry	Well	Radio Monitoring
	12/03/2007	STK0751396-001	Metals, Total	Well	Water Monitoring (3 Yr)
	01/03/2008	STK0830128-001	EPA 524.2	Well	VOC Monitoring (6 Yr)
	06/04/2008	STK0835502-002	Wet Chemistry	Well	Annual Nitrate Monitoring
	06/04/2008	STK0835503-001	EPA 504.1	Well	Water Monitoring (3 Yr)
	06/04/2008	STK0835503-001	Metals, Total	Well	Water Monitoring (3 Yr)
	06/04/2008	STK0835503-001	Wet Chemistry	Well	Water Monitoring (3 Yr)
WELL01	06/10/2009	STK0935224-002	Wet Chemistry	Well	Bacteriological Monitoring
	06/02/2010	STK1034677-002	Wet Chemistry	Well	Annual Nitrate Monitoring
	06/08/2011	STK1134782-001	EPA 504.1	Well	Water Monitoring
	06/08/2011	STK1134782-001	Metals, Total	Well	Water Monitoring
	06/08/2011	STK1134782-001	Wet Chemistry	Well	Water Monitoring
Wellhead	06/07/2012	STK1235153-001	Wet Chemistry	Well	Water Monitoring
	06/10/2003	STK0333345-002	Wet Chemistry	Wellhead	Annual Nitrate Monitoring
	06/02/2004	STK0433748-002	Wet Chemistry	Wellhead	Annual Nitrate Monitoring
	06/21/2005	STK0534595-001	EPA 504.1	Wellhead	Water Monitoring (3 Yr)
	06/21/2005	STK0534595-001	Metals, Total	Wellhead	Water Monitoring (3 Yr)
	06/21/2005	STK0534595-001	Wet Chemistry	Wellhead	Water Monitoring (3 Yr)
	06/21/2005	STK0534596-002	Wet Chemistry	Wellhead	Annual Nitrate Monitoring
	06/06/2006	STK0634607-002	Wet Chemistry	Wellhead	Annual Nitrate Monitoring
06/18/2007	STK0735337-002	Wet Chemistry	Wellhead	Annual Nitrate Monitoring	