



**BEAR VALLEY  
WATER DISTRICT**

P.O. Box 5027  
Bear Valley, CA 95223  
(209) 753-2112

BOARD OF DIRECTORS:  
JIM D. BISSELL  
PHILL A. COFFMAN  
JOHN R. DRALLA  
BARBARA J. GOODRICH  
GUNNAR THORDARSEN

**27 December 2011**

**Victor Vasquez**  
CVRWQCB  
11020 Sun Center Drive #200  
Rancho Cordova, CA 95670-6114

Subject: Order R5-2011-0053, Self-Monitoring Report (SMR), November 2011

Dear Mr. Vasquez:

**Monthly Report, Waste Discharge Requirements, Order R5-2011-0053**

Enclosed please find tabular summaries of monitoring data from the Bear Valley Wastewater Treatment Facility for the month of November 2011. No effluent was discharged to Bloods Creek during this reporting period.

The daily and total influent and Bloods Creek discharge flow totals and routine influent monitoring results from the influent composite sampler are presented, as well as routine Bloods Creek monitoring data. Please note that, pursuant the MRP, Bloods Creek monitoring is only required during periods of discharge, but we are voluntarily reporting this data.

On November 23 the new magnetic flow meter for measuring our daily influent flow was put into operation. The final Land Application Maximization Report was submitted 18 November.

Also, find attached a bill insert regarding FOG control that was distributed in the third quarter utility bills.

Please do not hesitate to contact me at (209) 753-2112 if there are any questions.

**I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information I submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.**

Respectfully,

Guy West  
Interim Chief Plant Operator

cc: Board of Directors  
Gary Ghio, District Engineer  
Michael Fischer, RWQCB

Enclosures

**BEAR VALLEY WASTE WATER TREATMENT FACILITY**

Monitoring and Reporting Program No. R5-2011-0053

Alpine County

Month: **November** Year: **2011**

INFLUENT MONITORING (INF-001)												NPDES BLOODS CREEK (RSW-001)			
Day	Daily Flow (MGD)	BOD <sub>5</sub> (mg/L)	pH Avg (SU)	pH Max (SU)	pH Min (SU)	E C (umhos/cm)	TSS (mg/L)	BOD <sub>5</sub> (lbs/day)	TSS (lbs/day)	Daily Precipitation (Inches)	Snow Water Content (Inches)	Discharge to Bloods Creek (MGD)	Bloods Creek Flow (MGD)	Dissolved Oxygen (mg/L)	pH (SU)
1	0.008		6.7	7.4	6.3					0.00	0.11	0.000	<0.300		
2	0.013	272	6.6	7.5	6.3	502	381	28	40	0.00	0.11	0.000	<0.300		
3	0.008		6.9	7.6	6.2					0.47	0.11	0.000	<0.300		
4	0.010		7.1	8.0	6.8					0.10	0.35	0.000	<0.300		
5	0.013		7.0	8.2	6.4					0.36	0.47	0.000	<0.300	6.45	6.54
6	0.010		6.8	7.5	6.1					0.27	0.71	0.000	<0.300		
7	0.010		6.7	8.1	6.0					0.00	1.07	0.000	<0.300		
8	0.008		6.7	7.3	6.4					0.00	1.07	0.000	<0.300		
9	0.008		6.9	7.9	6.6					0.00	1.07	0.000	<0.300		
10	0.013		6.9	7.7	6.6					0.00	1.07	0.000	<0.300		
11	0.008		6.8	8.5	6.0					0.13	1.07	0.000	<0.300		
12	0.018		6.7	8.2	6.0					0.05	1.19	0.000	<0.300	5.54	6.62
13	0.015		6.6	6.9	6.3					0.00	1.31	0.000	<0.300		
14	0.013		6.5	7.4	6.1					0.00	1.31	0.000	<0.300		
15	0.008		6.2	6.8	5.8					0.00	1.31	0.000	<0.300		
16	0.015		6.6	8.4	6.0					0.00	1.31	0.000	<0.300		
17	0.020		6.7	7.7	6.3					0.00	1.43	0.000	<0.300		
18	0.010		6.7	7.2	6.6					0.31	1.43	0.000	<0.300	5.74	6.66
19	0.010		6.7	7.8	6.2					0.02	1.43	0.000	<0.300		
20	0.013		6.7	8.0	6.2					0.71	1.55	0.000	<0.300		
21	0.013		6.9	8.1	6.4					0.00	1.91	0.000	<0.300		
22	0.013		6.8	7.6	6.3					0.00	1.91	0.000	<0.300		
23	0.018		6.5	8.8	6.0					0.00	1.91	0.000	<0.300		
24	0.027		6.4	8.0	5.9					0.01	1.91	0.000	<0.300		
25	0.027		6.2	7.6	5.9					0.00	1.91	0.000	<0.300	4.63	6.62
26	0.034		6.3	8.3	5.9					0.00	1.91	0.000	<0.300		
27	0.020		6.3	7.9	5.9					0.00	1.91	0.000	<0.300		
28	0.013		6.5	7.8	5.8					0.00	1.91	0.000	<0.300		
29	0.013		5.8	6.8	5.7					0.00	1.91	0.000	<0.300		
30	0.009		6.8	7.9	6.5					0.00	1.91	0.000	<0.300		
Total	0.410									2.43		0.000	<0.300		
Max	0.034	272	7.1	8.8	6.8	502	381	28	40	0.71	1.91	0.000	<0.300	6.5	6.66
Min	0.008	272	5.8	6.8	5.7	502	381	28	40	0.00	0.11	0.000	<0.300	4.6	6.54
Avg	0.014	272	6.6	7.8	6.2	502	381	28	40	0.08	1.29	0.000	<0.300	5.6	6.61



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## **Keep Holiday FOG Out of Your Kitchen Sink**

Turkey Day is just around the corner, and the Bear Valley Water District encourages you to keep your sink fat-free this holiday season.

Throughout the year, and especially during the holidays, people pour the byproducts of cooking down the sink drain. Fats, cooking oils, and grease (FOG) can coat and clog pipes and cause sewer lines to back up into homes. That could mean costly clean-up and repair costs. FOG can also cause blockages further down sewer lines. And that can result in overflows or sewage backups into yards or streets, creating a public health risk.

The oil making its way to wastewater treatment plants can disrupt treatment processes and add to the need for maintenance.

To prevent these problems, we encourage you to dispose of your leftover FOG properly. Here are some general suggestions that many of your neighbors may already be following.

- Don't put fats, oil, grease, or greasy food down the garbage disposal or drain.
- Place small amounts of fats, oil, and grease in a container with a tight-sealing lid, put the container in a trash bag, tie the bag shut, and dispose of it in a trash receptacle.
- Mix cooking oils with an absorbent material such as coffee grounds, place in a lidded container, and dispose in a trash receptacle.
- If you're soaking a greasy pan, first pour off grease into a container. Then place paper towels over the drain basket to catch grease and food as you pour the soaking water down the drain.
- Deep fat fryers for turkeys leave a large amount of oil. Solidify the grease by mixing it with an absorbent material such as cat litter. Or, soak up excess oil with newspaper and then place it in the trash.



Fats, cooking oils, and grease can coat and clog pipes and cause sewage to back up into homes and businesses.