



Rio Alto Water District

22099 River View Drive, Cottonwood, California 96022
Telephone 530-347-3835 • Fax 530-347-1007

August 11, 2010

Bryan Smith
Senior WRC Engineer
Central Valley Regional Water Quality Control Board
415 Knollcrest Drive, Suite 100
Redding, CA 96002

Dear Mr. Smith,

Rio Alto Water District has received additional testing results (enclosed) for Chlorodibromomethane (CDBM), Dichlorobromomethane (DCBM) and Zinc.

	Interim Limit	7/19/10	7/27/10
CDBM	4.67 ug/L	3.2 ug/L	3.0 ug/L
DCBM	31.8 ug/L	24.5 ug/L	23.0 ug/L
Zinc	117 ug/L	43.9 ug/L	41.4 ug/L

Based on this new data, the District is requesting that the Daily Maximum Interim Effluent Limitations for the above listed constituents be re-calculated in the Cease and Desist Order. The most recent results for CDBM and DCBM are uncomfortably close to the proposed Interim Effluent Limitations and the District fears that future effluent testing may result in violations of the current proposed limitations. Zinc results have also been higher than the Maximum Effluent Concentration listed in the CDO.

Thank you for your consideration of this matter.

Dean Sherrill
Regulatory Supervisor
Rio Alto Water District



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Report To: RIO ALTO WATER DISTRICT
22099 RIVER VIEW DRIVE
COTTONWOOD, CA 96022

Lab No: 0070688
Reported: 08/03/10
Phone: 347-3835
P.O. #

Attention: DEAN SHERRILL
Project: PRIORITY POLLUTANTS

Description: EFFLUENT

Lab ID: 0070688-01

Sampled: 07/19/10 10:35

Matrix: Wastewater

Received: 07/19/10 13:00

General Chemistry

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Cyanide - Total	ug/l	4	J	1	5	SM 4500CN E	07/27/10	07/27/10	B0G0686

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	35.8	QM-07	0.5	5.0	EPA 200.8	07/25/10	07/20/10	B0G0508
Antimony	"	0.4	J	0.1	0.5	"	"	"	"
Arsenic	"	2.9	"	0.1	0.5	"	"	"	"
Beryllium	"	ND	"	0.1	0.5	"	"	"	"
Cadmium	"	ND	"	0.05	0.25	"	"	"	"
Chromium	"	0.9	"	0.1	0.5	"	07/25/10	"	B0G0622
Chromium, Hexavalent	"	ND	"	2	5	SM 3500-Cr	07/20/10	07/20/10	B0G0512
Chromium, Trivalent	"	ND	"	"	5.0	EPA 200.8	07/25/10	07/20/10	[CALC]
Copper	"	6.0	"	0.1	0.5	"	07/25/10	"	B0G0508
Lead	"	0.2	J	0.1	0.5	"	"	"	"
Mercury	ng/l	7.28	"	0.20	0.50	EPA 1631E	07/29/10	07/28/10	B0G0716
Mercury Field Blank	"	ND	"	0.20	0.50	"	"	"	"
Nickel	ug/l	2.6	"	0.2	1.0	EPA 200.8	07/25/10	07/20/10	B0G0508
Selenium	"	0.5	J	0.4	2.0	"	"	"	"
Silver	"	ND	"	0.10	0.50	"	07/25/10	07/23/10	B0G0590
Thallium	"	ND	"	0.2	1.0	"	07/25/10	07/20/10	B0G0508
Zinc	"	43.9	"	0.4	2.0	"	"	"	"

Volatile Organic Compounds

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Acrolein	ug/l	ND	"	0.5	5.0	EPA 624	07/28/10	07/28/10	B0G0747
Acrylonitrile	"	ND	"	0.4	2.0	"	"	"	"
Benzene	"	ND	"	0.09	1.0	"	"	"	"
Bromodichloromethane	"	24.5	"	0.1	1.0	"	"	"	"
Bromoform	"	ND	"	0.1	1.0	"	"	"	"
Bromomethane	"	ND	"	0.2	1.0	"	"	"	"
Carbon tetrachloride	"	ND	"	0.1	1.0	"	"	"	"
Chlorobenzene	"	ND	"	0.08	1.0	"	"	"	"
Chloroethane	"	ND	"	0.08	1.0	"	"	"	"
2-Chloroethylvinyl ether	"	ND	"	0.1	1.0	"	"	"	"
Chloroform	"	106	"	0.1	1.0	"	"	"	"
Chloromethane	"	ND	"	0.04	1.0	"	"	"	"
Dibromochloromethane	"	3.2	"	0.08	1.0	"	"	"	"
1,2-Dichlorobenzene	"	ND	"	0.2	0.5	"	"	"	"
1,3-Dichlorobenzene	"	ND	"	0.1	0.5	"	"	"	"
1,4-Dichlorobenzene	"	ND	"	0.1	0.5	"	"	"	"
1,1-Dichloroethane	"	ND	"	0.1	1.0	"	"	"	"
1,2-Dichloroethane	"	ND	"	0.07	1.0	"	"	"	"
1,1-Dichloroethene	"	ND	"	0.1	1.0	"	"	"	"

Andy Jan

Approved By

Basic Laboratory, Inc.

California ELAP Cert #1677 and #2718

Report To: RIO ALTO WATER DISTRICT
 22099 RIVER VIEW DRIVE
 COTTONWOOD, CA 96022

Lab No: 0070967
 Reported: 08/10/10
 Phone: 347-3835
 P.O. #

Attention: DEAN SHERRILL
 Project: EFFLUENT STUDY

Description: DRAFT: EFFLUENT
 Matrix: Wastewater

Lab ID: 0070967-01

Sampled: 07/27/10 09:00
 Received: 07/27/10 09:58

DRAFT: General Chemistry

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Hardness	mg/l	102		3	5	SM 2340C	07/27/10	07/27/10	BOG0695
Nitrate as N	"	31.4		0.10	0.50	EPA 353.2	07/27/10	07/27/10	BOG0698
Specific Conductance	umhos/cm	581		2	10	SM 2510B	07/27/10	07/27/10	BOG0668

DRAFT: Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	39.2		0.5	5.0	EPA 200.8	08/05/10	08/03/10	BOH0046
Cadmium	"	ND		0.05	0.25	"	"	"	"
Copper	"	5.8		0.1	0.5	"	"	"	"
Selenium	"	0.4	J	0.4	2.0	"	"	"	"
Zinc	"	41.4		0.4	2.0	"	"	"	"

DRAFT: Metals - Dissolved

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Copper	ug/l	4.5		0.1	0.5	EPA 200.8	08/04/10	08/03/10	BOH0055
Zinc	"	38.1		0.4	2.0	"	"	"	"

DRAFT: Volatile Organic Compounds

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Bromodichloromethane	ug/l	23		0.1	0.5	EPA 624	07/28/10	07/28/10	BOG0747
Bromoform	"	ND		0.1	0.5	"	"	"	"
Chloroform	"	90		0.1	0.5	"	"	"	"
Dibromochloromethane	"	3		0.08	0.5	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4		109 %			80.9-134	"	"	"	"
Surrogate: Toluene-d8		101 %			81.9-110	"	"	"	"
Surrogate: 4-Bromofluorobenzene		101 %			61.4-111	"	"	"	"

Approved By _____

DRAFT REPORT

California ELAP Cert #1677 and #2718