

EXHIBIT C-2

BACTERIOLOGICAL SAMPLE SITING PLAN for CSA 32 (Cantua Creek) – Water Treatment System No. WA0020359 Updated April 10, 2009

1. Routine Sampling

Active Connections: 78
Inactive Connections 3
Metered Connections 81
Population Served: 230±

Source(s): California Aqueduct via one of two Westlands Water District pipelines (Lateral 1R13 or 1R14).

Number of Pressure Zones: One

Sampling Frequency: One time per month

Treatment Facilities: Water Treatment Plant with chlorination at the rate of 140 GPM

Storage Facilities: 40,000 & 100,000 Gallon Storage Tanks

Routine Sampling Site*: (SP1) Water treatment plant sample valve on pressure tank discharge line.
(SP2) 15928 Santa Clara Avenue.
(SP3) Cantua Creek School meter test cock.

Pressure Zone: Zone One: (SP1) Water treatment plant sample valve on pressure tank discharge line.
(SP2) 15928 Santa Clara Avenue.
(SP3) Cantua Creek School meter test cock

*See attached subdivision map for location within the distribution system.

Samplers:	1.	Certified Operator
	2.	Certified Operator
	3.	Certified Operator

Laboratory:	1.	Twining Laboratories
		2527 Fresno Street
		P.O. Box 1472
		Fresno, CA 93716
		(559) 268-7021 (weekdays)
		(559) 263-3441 (weekends/holidays)

Notification: Laboratory to notify water utility employees designated below within 24 hours whenever the presence of total coliform, fecal coliforms,

EXHIBIT C-2

or E. coli is demonstrated in a sample or that a sample has been invalidated.

1. (work)
(cellular)
(home)

The utility will notify the County Environmental Health Department as soon as possible, but in no case later than 24 hours whenever there is a possible significant rise in bacteriological count defined by section 64426, title 22 of the California Code of Regulations (CCR) or whenever it determines it has violated the Bacteriological MCL.

CDPH-SCDWFOB
Linda Ramirez, Visalia District
Inspector (559) 447-3137 (weekdays)

Fresno Co. Department of Public Works and Planning CSA 32
Special Distircts Section, Resources Division
Joe Prado (559) 262-4259

2. Pressure Zones

Pressure Zone	Connections	Percentage of Total System	Population Served
1	81	100%	230±

There is one pressure zone. The distribution system consists of a 5,000-gallon pressure tank, two 200-GPM booster pumps and a back-up fire pump. The water is treated and disinfected at the treatment plant at the rate of 140-GPM and is stored in a 40,000 and a 100,000-gallon reservoir. There is a 150 gpm backup well on site.

3. Routine Sampling

Water System: CSA NO. 32 (CANTUA CREEK) -System No. WA0020359

Routine Bacteriological Sampling Schedule

[illegible][illegible]

EXHIBIT C-2

4. Repeat Sampling

If a routine sample is total coliform-positive, a repeat sample set shall be collected within 24 hours of being notified of the positive result. The repeat sample set shall consist of four samples. One sample will come from the original sample site, one from the upstream repeat sample site, and one from the downstream repeat sample site. Any additional samples required shall be taken from the alternate routine sample sites and alternative repeat sample sites. The repeat sample will be taken to the laboratory designated in Section One (Routine Sampling) by the same staff designated to do the routine sampling. Both the laboratory and the sampling staff are on call weekends and holidays should repeat sampling be required.

Pressure Zone	Routine Sampling Site	Upstream Repeat Site	Downstream Repeat Site
1	(SP1)Water treatment plant sample valve on pressure tank discharge line.		(SP1-D) 29708 Latta
1	(SP2) 15928 Santa Clara	(SP2) 15872 Santa Clara	(SP1-D) Cantua Creek School test cock
1	(SP3) Cantua Creek School meter test cock	(SP3-U) 15944 Santa Clara	(SP3-D) School housing site No. 11

If one or more samples are positive for total coliform in a month, five routine samples will be taken the following month. Two samples will be taken one week and three samples will be taken two week later. The regular sampling schedule for that month, plus repeat sampling sites, will be used for the additional samples required.

04/10/09

G:\4360Resources\SPECIAL DISTRICTS\CONTRACTED SERVICES\Water WWTP Services\RFQ 968-3924 CSA 30 & 32\Exhibit A CSA 32.doc