



CITY OF
SANTA ROSA

UTILITIES DEPARTMENT
SUBREGIONAL WATER RECLAMATION SYSTEM
4300 Llano Road
Santa Rosa, CA 95407
707-543-3350
Fax: 707-543-3399

RWQCB
REGION 1

MAY 14 2001

- LAM _____
- RLT _____
- FCR _____
- CRJ _____
- SAW _____
- RSG _____
- KAD _____

May 14, 2001

Matt St. John
California RWQCB
5550 Skylane Blvd., Ste. A
Santa Rosa, CA 95403

SOLICITATION OF WATER QUALITY INFORMATION

Dear Mr. St. John,

In response to the Public Solicitation of Water Quality Information request, the data accompanying this letter is being supplied for your perusal. This data is pertinent to the Russian River, Laguna de Santa Rosa and the Santa Rosa Creek. All the data was collected in conjunction with the City of Santa Rosa's receiving water monitoring program accomplished in conjunction with NPDES Permit requirements. The data is relevant only to the discharge season of October 1st through May 14th, for the time period requested, and then only relevant to actual discharge periods.

There are two types of data files on the CD. The "WRCB Sonde Files" are in a data transfer file format and the "WRCB Data" files are in a text format. Both of the formats should be accessible via any spreadsheet type software.

The set of files titled "WRCB Sonde Files" is generated through the use electronic data recorders or sondes. Data for temperature, dissolved oxygen, pH, turbidity, and conductivity is collected every fifteen minutes for the duration of the deployment. Data other than those cited above maybe included in the electronic and hard copy files. The hard copies of this data are separately bound for each individual monitoring point.

The set of files titled "WRCB Data" is generated from grab sampling on the dates and times indicated. This data set includes temperature, dissolved oxygen, pH, and turbidity data collected prior to the implementation of the sonde program in the Fall of 1998. Other data in this set includes ammonia, nitrate, organic nitrogen, and total phosphorus.

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Attached to this letter is a table that delineates file number designations, location descriptions of the monitoring points and abbreviation meanings for the column headings on the WRCB Data files.

Quality control for the field and laboratory data conforms to Standards Methods for the Examination of Water and Wastewater 18th Edition.

If you have any questions on any of this data or information, please contact me at (707) 543-3359, or e-mail lsmall@ci.santa-rosa.ca.us

Sincerely,



Lynn M. Small
Environmental Services Superintendent

Attachments

File Number Designation	
5050299	505 = Station number; 02 = week of the year; 99 = year

Station	Description
505	Laguna de Santa Rosa @ Todd Rd
508	Laguna de Santa Rosa @ Guerneville Road
509	Russian River @ Wohler Bridge
510	Russian River @ Mirabel
515	Santa Rosa Creek downstream of Willowside Road (approximately 3/4 mile)
520	Santa Rosa Creek upstream of confluence with Laguna de Santa Rosa
521	Laguna de Santa Rosa upstream of confluence with Santa Rosa Creek
522	Roseland Creek @ Llano Rd
523	Roseland Creek 1/4 mile downstream of Llano Rd
524	Duer Ck 3/8 mile upstream of confluence w/ Laguna de Santa Rosa
525	Duer Ck 1/4 mile upstream of confluence w/ Laguna de Santa Rosa
526	Laguna de Santa Rosa @ Llano Road
527	Laguna de Santa Rosa downstream of Llano Road (approximately 300 yards)
528	Colgan Creek upstream of confluence with Laguna de Santa Rosa
529	Laguna de Santa Rosa upstream of confluence with Colgan Creek
530	Laguna de Santa Rosa 100' upstream of Llano Rd

Abbreviation	WRCB Data Column Designations
TM	Time of sample/reading
DC	Temperature - degrees centigrade
DO	Dissolved Oxygen
PH	pH
TB	Turbidity - NTU's
AN	Ammonia
NN	Nitrate
ON	Organic Nitrogen
TP	Total Phosphorus

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