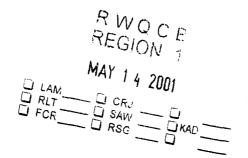
## 2002 303(d) List Update Reference #20





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

Fax: 707-543-3399

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

## SOLICITATION OF WATER QUALITY INFORMATION

Dear Mr. St. John,

May 14, 2001

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 14<sup>th</sup>, 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.

Matt St. John May 14, 2001 Page 2

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 18  $^{\rm th}$  Edition.

If you have any questions on any of this data or information, please contact me at (707) 543-3359, or e-mail <a href="mailto:lsmall@ci.santa-rosa.ca.us">lsmall@ci.santa-rosa.ca.us</a>

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           | рН                               |
| ТВ           | Turbidity - NTU's                |
| AN           | Ammonia                          |
| NN           | Nitrate                          |
| ON           | Organic Nitrogen                 |
| TP           | Total Phosphorus                 |

| File Number Designation |  |  |  |
|-------------------------|--|--|--|
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| 525     | Duer Ck 1/4 mile upstream of confluence w/ Laguna de Santa Rosa         |
| 526     | Laguna de Santa Rosa @ Liano Road                                       |
| 527     | Laguna de Santa Rosa downstream of Llano Road (approximately 300 yards) |
| 528     | Colgan Creek upstream of confluence with Laguna de Santa Rosa           |
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