



Operations & Maintenance Water Quality Data & Where To Find It...

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Auto-Station Data

- New Banks Pumping Plant water quality station datalogger installed on 7/1/2008
- New dataloggers communicate via:
 - Internet at plants and facilities
 - GOES satellite transmission at SWP Check structures and remote sites
- Data is automatically posted hourly to CDEC – DWR's web database







Data-flow Upgrades

- Data from all automated WQ stations is now collected every hour by server
- Data automatically QA/QC'd
 - Limits based upon historical data
- Automatically posted to CDEC 15 minutes after every hour
- No more dial-up, data is available 24/7 online for all 13 automated WQ stations





California Data Exchange Center (CDEC)

- <http://cdec.water.ca.gov/>



CA.gov | Department of Water Resources
California Data Exchange Center

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 California DWR

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ANNOUNCEMENTS

01/08/2008 - 10-Day Feather River QPF: 10-Day Feather River QPF for January 8, 2009 is available now. The next update of this forecast will be about Monday, January 12, 2009, unless there are significant hydrologic changes.
▶ [Please click here](#)

01/07/2008 - Executive Update of Hydrologic Conditions:
A synopsis of statewide water conditions has been updated on CDEC as of January 7, 2009. This product is generally updated weekly or biweekly (sooner if hydrologic conditions warrant it) during the wet season. Beginning about June 1, this product is updated monthly through the summer and dry fall months, unless there are significant hydrologic changes. The next anticipated update will be about Friday, January 23, 2009. The Executive Update of Hydrologic Conditions can be found at:
▶ <http://cdec.water.ca.gov/cgi-progs/reports/EXECSUM>

01/06/2009 - Latest Weather and Climate Newsletter:
▶ [Please Click here for Newsletter](#)

DWR Announces January 2009 Snow Survey Results - 12/29/2008

BROWSE CDEC

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Grab Sample Data

Bookmark

<http://wdl.water.ca.gov/>

**in your Internet browser's
address bar.**



Click on [Water Quality Data](#)

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Thursday, January 8, 2009

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 DWR My CA

Water Data Library - Home

Welcome to the Department of Water Resources **Water Data Library (WDL)** home page! WDL provides on-line access to hydrologic data collected by the Division of Planning and Local Assistance and other organizations inside and outside the Department.

Select from one of the following data modules:

- [Water Quality Data](#)
- [Groundwater Level Data](#)
- [Surface Water Data](#)
- [Climatology Data \(MS Access Prototype\)](#)
- [Climatology Data \(New Beta 1.0 Site!\)](#)



Click on Select Stations by Name, Number, and/or County

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Water Quality Data

Please select one of the following report options:

- [Select Stations through Map Interface](#)
- [Select Stations by Name, Number, and/or County](#)

Related WDL water quality data sites:

- [Municipal Water Quality Investigations](#)
- [Northern District Water Quality Data](#)
- [SWP Water Quality Data \(Division of Operations and Maintenance\)](#)



Search by name: Enter a station name or partial name and click "Submit"

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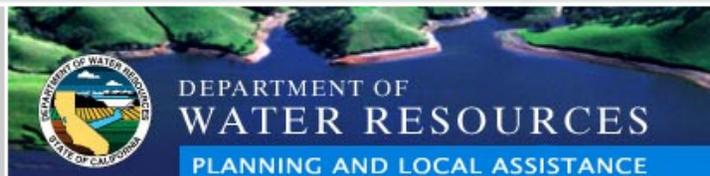
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Division of Planning and


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Water Quality Report Station by and/or County

Instructions:

Use this form to search for water quality stations. You can search for stations using either partial or complete station name, and partial or complete station number in the text box, by selecting a county from the dropdown box, or using a combination of any of the three options. You must make an entry or selection from at least one of the boxes to proceed. Click on **Submit** to generate a list of stations that match your search criteria. **Note:** not all counties listed have water quality data.

Station Name:

Station Number:

Station County:



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WDL

Division of Planning and Local Assistance
Department of Water Resources

901 P Street
Sacramento, CA 95814

Mailing Address:
Post Office Box 942636
Sacramento, CA 94236-0001

DEPARTMENT OF WATER RESOURCES
PLANNING AND LOCAL ASSISTANCE

Water Quality Reports -- Select Station

Instructions:
Use this screen to refine search parameters for water quality data. Mark stations for retrieval by clicking in the checkbox next to the station name, choose an output format for the data, and select the date range for your retrieval. Click on the **Get Data** button to retrieve all analytes for the selected station(s). Click on the **Select Analytes** button to return a list of available analytes for the station(s) and date range. Click on the **Select Analyte Group** button to choose from a group of analytes for your data retrieval. **Note: Please limit your selection to a maximum of 15 stations.**

Select All Deselect All

Select	Station Name (click to sort)	Station Number (click to sort)	First Sample Date	Last Sample Date
<input type="checkbox"/>	Bank's PP Operation Control Ctr Outside Hose Bib	WK40300L	01/06/2005 12:21	08/30/2006 09:57
<input checked="" type="checkbox"/>	Delta P.P. Headworks at H.O. Banks PP	KA000331	03/30/1982 09:00	12/18/2008 08:30

Output Format:

Include field data? Yes No

Select Date Range:
 Jul 8 2008 to Jan 8 2009
 All Dates

1. Select station(s) using check boxes.
2. Select an output format (HTML, Excel, Excel Crosstab, etc.).
3. Select "Yes" to include field data, if desired.
4. Select a date range (default = last 6 mos.).
5. Click "Get Data."



Portion of the resulting report in Excel Crosstab format

Microsoft Excel - WDLReport

File Edit View Insert Format Tools Data Window Help Adobe PDF

Q22

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	<<<Laboratory Results>>>													
2	Station Name	Station Number	Sample Date	Sample Code	Sample Depth	Sample Description	Sample Purpose	*No Lab Analyses (Field Measures Only) *FIELD DATA (Status) [1]*	1,1,1,2-Tetrachloroethane µg/L EPA 502.2 [1]*	1,1,1-Trichloroethane µg/L EPA 502.2 [1]*	1,1,2,2-Tetrachloroethane µg/L EPA 502.2 [1]*	1,1,2-Trichloroethane µg/L EPA 502.2 [1]*	1,1-Dichloroethane µg/L EPA 502.2 [1]*	1,1-Dichloroethane µg/L EPA 502.2 [1]*
3	Delta P.P. Headworks at H.O. Banks PP	KA000331	7/16/2008 8:00	DA0708B2001	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5	<.5	<.5
4	Delta P.P. Headworks at H.O. Banks PP	KA000331	8/20/2008 8:05	DA0808B2029	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5	<.5	<.5
5	Delta P.P. Headworks at H.O. Banks PP	KA000331	9/17/2008 8:50	DA0908B2087	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5	<.5	<.5
6	Delta P.P. Headworks at H.O. Banks PP	KA000331	10/15/2008 8:50	DA1008B2129	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5	<.5	<.5
7	Delta P.P. Headworks at H.O. Banks PP	KA000331	11/19/2008 8:50	DA1108B2172	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5	<.5	<.5
8	Delta P.P. Headworks at H.O. Banks PP	KA000331	12/18/2008 8:30	DA1208B2210	1 Meters		Normal Sample	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9														
10	*Codes in brackets ([]) following the analyte name refer to the Method Comparability Code. For more information, please refer to http://wdl.water.ca.gov/includes/mtc_code.cfm .													
11	**More than one analysis was made for this sample													



Another option: Search by Project

- Projects may be set up by DWR, upon request.
- From the Water Quality Data page, click on SWP Water Quality Data...

The screenshot shows the Department of Water Resources website. The header includes the department's logo and name, "DEPARTMENT OF WATER RESOURCES PLANNING AND LOCAL ASSISTANCE". On the right, there is a search bar with a "Search" button and radio buttons for "DWR" (selected) and "My CA". Below the header is a blue bar with the text "Water Quality Data". The main content area says "Please select one of the following report options:" followed by two bullet points: "• [Select Stations through Map Interface](#)" and "• [Select Stations by Name, Number, and/or County](#)". Below this, it says "Related WDL water quality data sites:" followed by three bullet points: "• [Municipal Water Quality Investigations](#)", "• [Northern District Water Quality Data](#)", and "• [SWP Water Quality Data \(Division of Operations and Maintenance\)](#)". The last bullet point is circled in red.



Click Data by Project

A screenshot of the website header for the Department of Water Resources, Operations and Maintenance. The header is dark blue with a white search bar and a "Search" button. Below the search bar are two radio buttons labeled "DWR" and "My CA". The text "DEPARTMENT OF WATER RESOURCES" and "OPERATIONS AND MAINTENANCE" is displayed in white. A small version of the department's seal is on the left.

DEPARTMENT OF
WATER RESOURCES
OPERATIONS AND MAINTENANCE

 DWR My CA

SWP Water Quality Data Reports

This web site produces program-specific reports from queries of the [Water Data Library](#). Please select one of the following report options:

- [Data by Station](#)
- [Data by Station Group](#)
- [Data by Project](#)



 DEPARTMENT OF
WATER RESOURCES
OPERATIONS AND MAINTENANCE

Search
DWR My CA

Water Quality Report by Project

Instructions:
Use this screen to select parameters to query the database for water quality data by Project. Click on the **Get Data** button to retrieve all analytes for the selected Project(s). Click on the **Select Analytes** button to return a list of available analytes for the Project(s) and date range. Click on the **Select Analyte Group** button to choose from a group of analytes for your data retrieval.

Select Date Range: Jul 8 2008 to Jan 8 2009
 All Dates

Select Project:
Bi-Monthly Pump-In
SWP Data
South Bay
WWD 2008 Pump Ins

Output Format: HTML Crosstab

Include Field Data: Yes No

Get Data Select Analytes Select Analyte Group Reset

1. Select a date range.
2. Select a station group (South Bay currently contains Banks Pumping Plant, Clifton Court, and Del Valle Check 7).
3. Select an output format.
4. Select "Yes" to include field data, if desired.
5. Click on "Get Data."



Portion of the resulting report in HTML Crosstab format

WDL Water Quality Crosstab Report

Laboratory Results

Station Name	Station Number	Sample Date	Sample Code	Sample Depth	Sample Description	Sample Purpose	*No Lab Analyses (Field Measures Only) [1]*	1,1,1,2-Tetrachloroethane µg/L [1]*	1,1,1-Trichloroethane µg/L [1]*	1,1,2,2-Tetrachloroethane µg/L [1]*	1,1,2-Trichloroethane µg/L [1]*
Clifton Court Intake	KA000000	07/14/2008 10:05	DA0708B2002	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5
Clifton Court Intake	KA000000	08/19/2008 14:55	DA0808B2030	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5
Clifton Court Intake	KA000000	09/16/2008 13:45	DA0908B2088	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5
Clifton Court Intake	KA000000	10/14/2008 09:40	DA1008B2130	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5
Clifton Court Intake	KA000000	11/17/2008 13:40	DA1108B2173	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5
Clifton Court Intake	KA000000	12/15/2008 13:45	DA1208B2211	1 Meters		Normal Sample	N/A	N/A	N/A	N/A	N/A
Delta P.P. Headworks at H.O. Banks PP	KA000331	07/16/2008 08:00	DA0708B2001	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5
Delta P.P. Headworks at H.O. Banks PP	KA000331	08/20/2008 08:05	DA0808B2029	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5
Delta P.P. Headworks at H.O. Banks PP	KA000331	09/17/2008 08:50	DA0908B2087	1 Meters		Normal Sample	N/A	<.5	<.5	<.5	<.5



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