Peggy Lehman

# delta-suisun bay ecological studies

*A Water Quality Data Report of the Coordinated Monitoring Program*

## Biological Methods and Data for 1968-1974

**May 1977**

UNITED STATES DEPARTMENT OF THE INTERIOR—Bureau of Reclamation
Mid-Pacific Region—Water Quality Branch—Sacramento, California

STATE OF CALIFORNIA—THE RESOURCES AGENCY—Department of Water Resources
Central District—Delta Studies Branch—Sacramento, California

STATE OF CALIFORNIA—THE RESOURCES AGENCY—Department of Fish & Game
Bay-Delta Fishery Project—Stockton, California

DELTA-SUISUN BAY
ECOLOGICAL STUDIES

# A WATER QUALITY DATA REPORT OF THE COORDINATED MONITORING PROGRAM

## BIOLOGICAL METHODS AND DATA
1968 - 1974

State of California
The Resources Agency

Department of Water Resources
Central District
Delta Studies Branch
Sacramento, California

Department of Fish and Game
Bay-Delta Fishery Project
Stockton, California

United States
Department of the Interior

Bureau of Reclamation
Mid-Pacific Region
Water Quality Branch
Sacramento, California

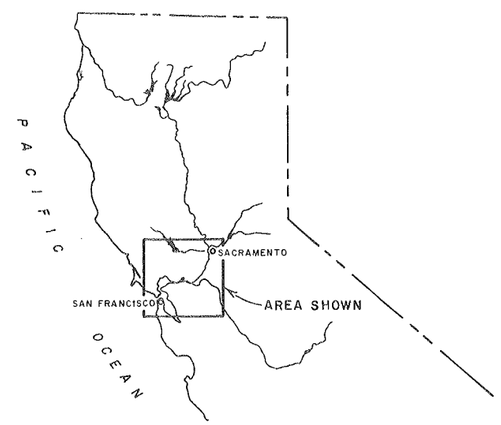
# INTRODUCTION
# METHODS AND DATA REPORT
# OF THE
# DELTA-SUISUN BAY ECOLOGICAL STUDIES

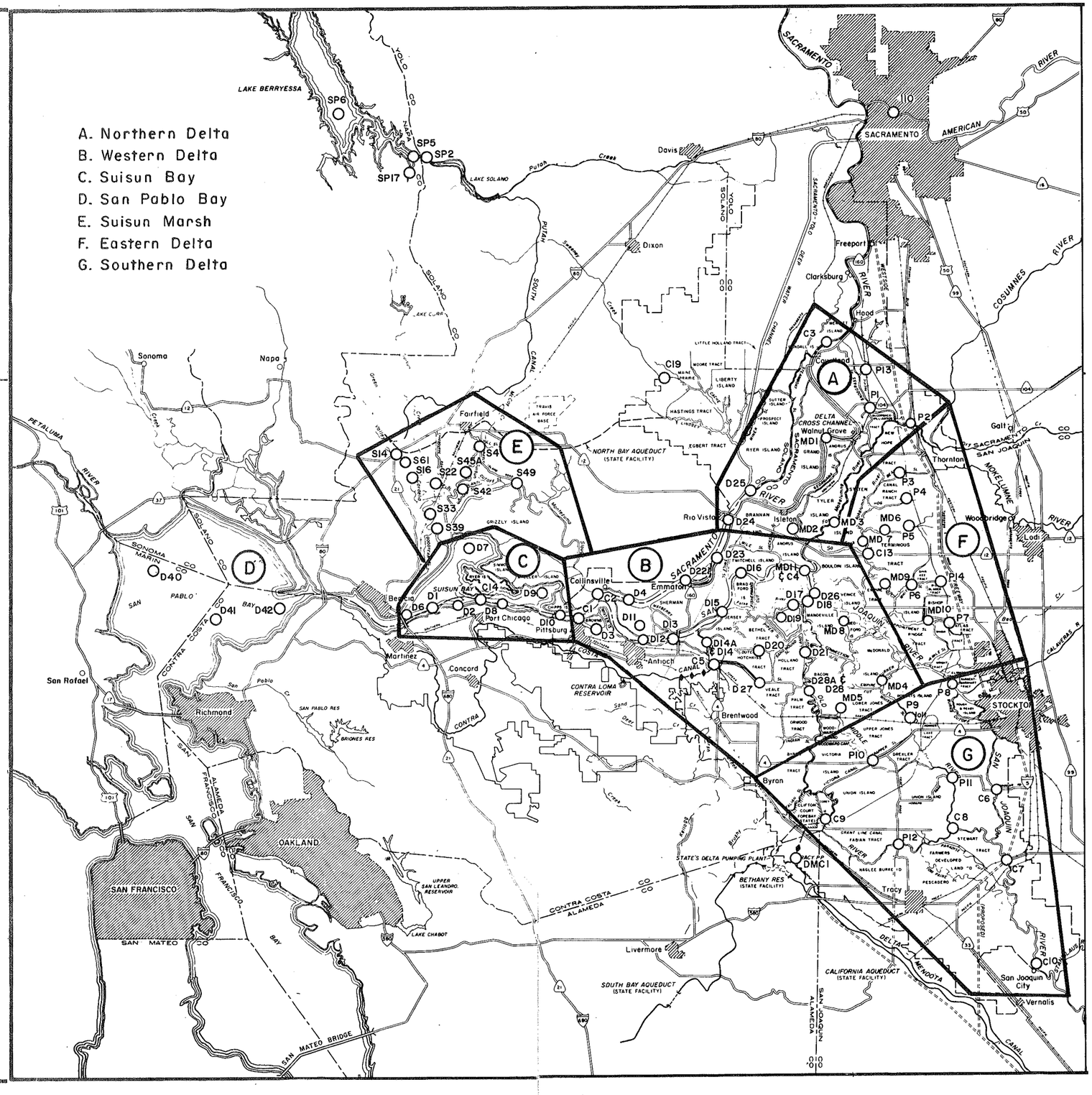
The Delta-Suisun Bay Ecological Studies were conducted jointly by the United States Bureau of Reclamation (USBR), the California State Department of Water Resources (DWR), and California Department of Fish and Game (DFG). This volume of the joint water quality data report of the USBR-DWR-DFG Coordinated Monitoring Program consists of two sections:

The first is a methodology documentation of the collection, preservation, and analysis procedures used in obtaining data presented in this report. This section will be updated and published along with future reports containing water quality data.

The second is a tabulation of field data and/or laboratory measurements. Future data will be published in similar reports.

The two sections are separated with dividers. Figures 1, 2, and 3, which follow this page, illustrate the monitoring sites of the Delta-Suisun Bay Ecological Studies. These figures fold out to the left so that the reader can easily refer to the plate as he reads the report. Not all the sites illustrated were sampled during the period covered by this report.

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**DELTA-SUISUN BAY ECOLOGICAL STUDIES MONITORING SITES**

MAP OF STUDY AREA

FIGURE 1

OCTOBER 7, 1976

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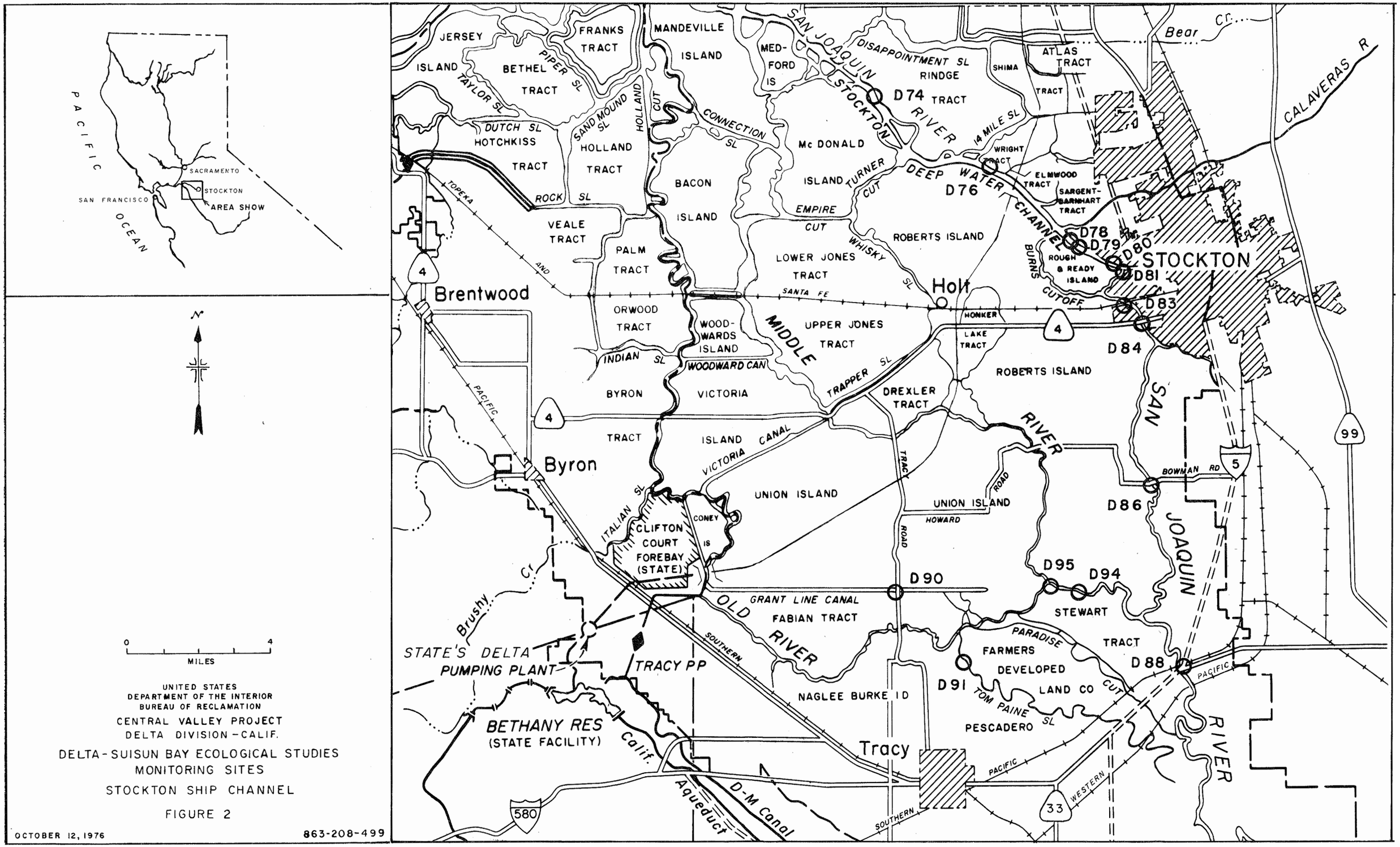
PACIFIC OCEAN
SACRAMENTO
SAN FRANCISCO
STOCKTON
AREA SHOW
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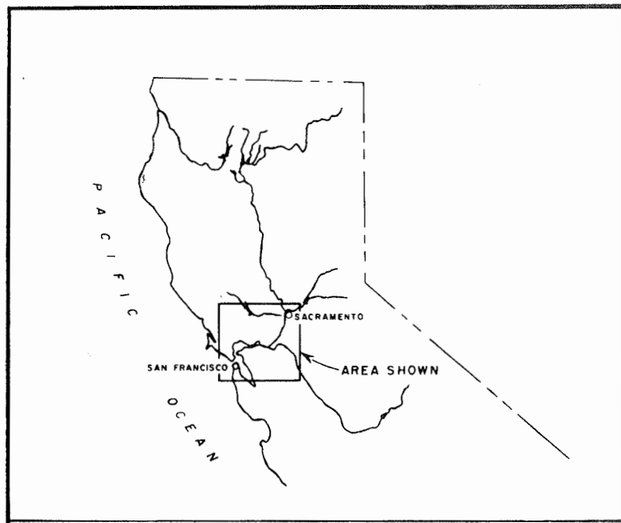
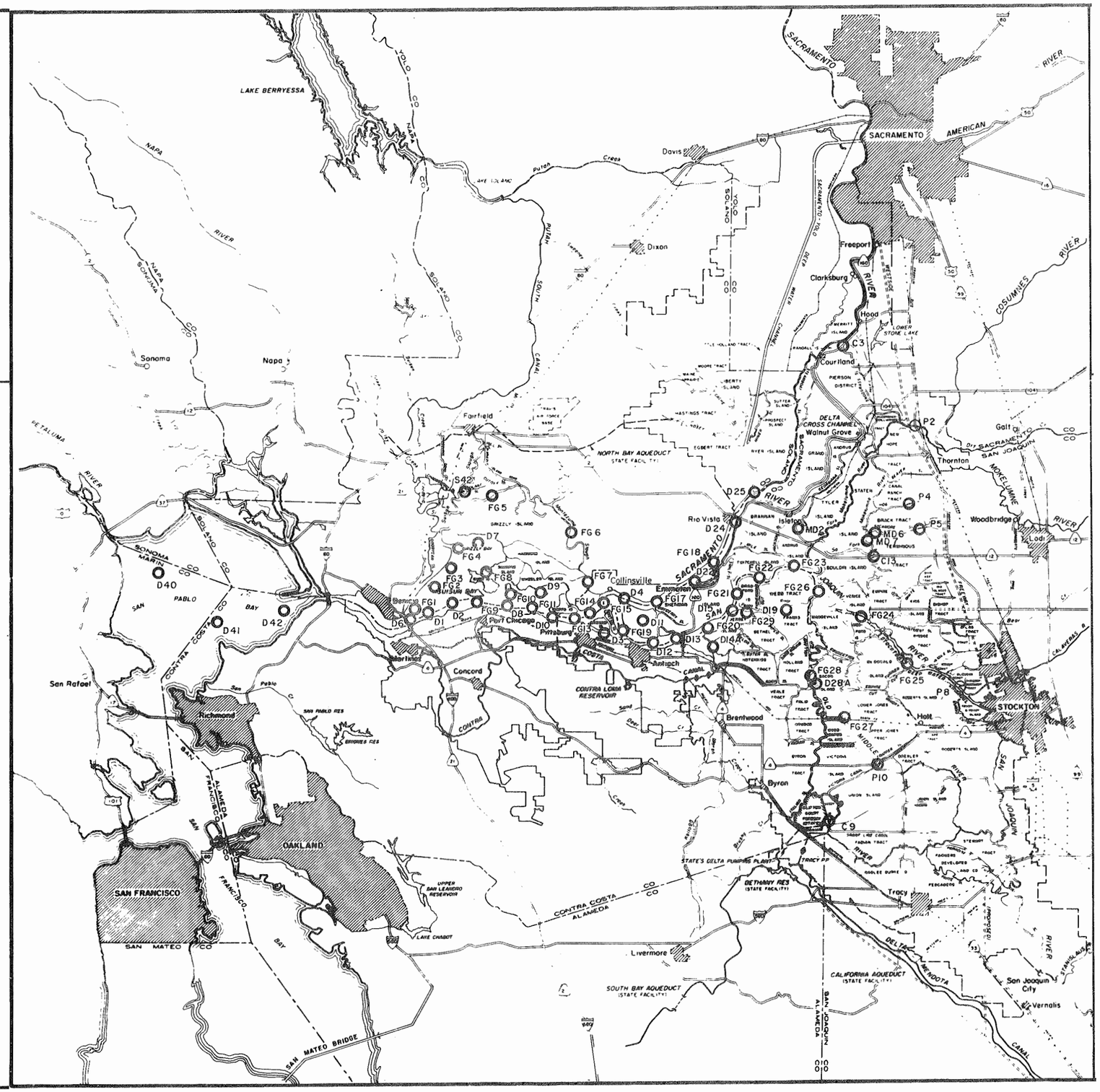
DELTA-SUISUN BAY ECOLOGICAL STUDIES
MONITORING SITES
STOCKTON SHIP CHANNEL
FIGURE 2
OCTOBER 12, 1976
863-208-499
JERSEY ISLAND
BETHEL TRACT
FRANKS TRACT
MANDEVILLE ISLAND
MED-FORD IS
DISAPPOINTMENT SL
RINDGE TRACT
SHIMA TRACT
ATLAS TRACT
Bear Cr.
CALAVERAS R
SAN JOAQUIN
STOCKTON
RIVER
D74
PIPER SL
TAYLOR SL
DUTCH SL
HOTCHKISS TRACT
SAND MOUND SL
HOLLAND TRACT
HOLLAND CUT
CONNECTION SL
Mc DONALD ISLAND
14 MILE SL
WRIGHT TRACT
ELMWOOD TRACT
SARGENT-BARNHART TRACT
TURNER CUT
DEEP WATER CHANNEL
D76
TOPEKA AND SANTA FE
ROCK SL
BACON ISLAND
EMPIRE CUT
VEALE TRACT
PALM TRACT
LOWER JONES TRACT
WHISKY SL
ROBERTS ISLAND
D78
D79
D80
D81
D83
ROUGH & READY ISLAND
BURNS CUTOFF
STOCKTON
Brentwood
4
ORWOOD TRACT
WOOD-WARDS ISLAND
MIDDLE
UPPER JONES TRACT
Holt
HONKER
LAKE TRACT
D84
INDIAN SL
WOODWARD CAN
TRAPPER SL
ROBERTS ISLAND
PACIFIC
BYRON TRACT
VICTORIA ISLAND
DREXLER TRACT
RIVER
SAN
99
5
Byron
VICTORIA CANAL
TRACY ROAD
BOWMAN RD
D86
ITALIAN SL
UNION ISLAND
UNION ISLAND
HOWARD ROAD
JOAQUIN
CONEY IS
CLIFTON COURT FOREBAY (STATE)
D95
D94
D90
Brushy Cr.
GRANT LINE CANAL
OLD RIVER
FABIAN TRACT
STEWART TRACT
PARADISE CUT
STATE'S DELTA PUMPING PLANT
TRACY PP
SOUTHERN PACIFIC
FARMERS DEVELOPED LAND CO
D88
D91
TOM PAINE SL
NAGLEE BURKE ID
PESCADERO
BETHANY RES (STATE FACILITY)
Calif. Aqueduct
D-M Canal
Tracy
PACIFIC
WESTERN
SOUTHERN
580
33
RIVER

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**DELTA - SUISUN BAY ECOLOGICAL STUDIES**
**MONITORING SITES**

NEOMYSIS - ZOOPLANKTON STUDY

FIGURE 3

OCTOBER 1976, REV. 2-23-77

863-208-500

# Field and Laboratory Methods

FIELD AND LABORATORY METHODS

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# Field and Laboratory Methods

## I. Introduction

### A. Purpose

The purpose of this section is to document and describe the methods used by the U.S. Bureau of Reclamation (USBR), California Department of Water Resources (DWR), California Department of Fish and Game (DFG), and other cooperating agencies in the collection, preservation, and analysis of water quality samples.

### B. Scope

This section includes the general methodology for collection, preservation, and analysis of samples to obtain data on biological parameters.

In those cases where methods differ from the methodology recommended in standard references, the modifications are described.

### C. Format

This section is divided into two major subsections: sample equipment and access, and parameter collection and analysis. To the extent possible, the entire methodology from sample collection through analysis is contained under each parameter heading.

## II. Sample Equipment and Access

### A. Water Sampling Equipment

Several sampling devices were used to obtain water samples. Since 1968, provision was made on the field data sheet to indicate the type of sampler used.

1. Dissolved Oxygen Cans - Each can holds two 300-ml BOD bottles and provides the necessary threefold displacement. The overflow water remaining in the cans was used for field determinations and for some samples collected for laboratory analyses.

2. Kemmerer Samplers - Three-liter plastic Kemmerer water samplers were also used to obtain water samples since 1968.

3. Van Dorn Samplers - Plastic 3- and 6-liter Van Dorn water samplers were also utilized for sample collection since 1968.

4. Submersible Pumps - Water samples were also collected using various types of submersible pumps.

B. Access to Sample Sites

The majority of the water quality samples in the Sacramento-San Joaquin Delta were collected near midchannel or bay from a DWR boat. Specially equipped land vehicles were also utilized in the program, with the samples being collected from piers or bridges.

III. Parameter Collection and Analyses

A. Biochemical Oxygen Demand (BOD)

Two collection methods were used. The first method utilized the DO sampling can containing two bottles. One bottle was used to determine the initial DO and the other stored on ice and returned to the laboratory the same day and incubated in the dark at 20°C.

In the second method, samples were collected using a Kemmerer, Van Dorn, or pump sampler, and stored in polyethylene containers in the dark on ice and delivered to the laboratory the same day to prepare BOD incubation bottles for analyses. Standard analytical procedures (Standard Methods, 13th edition, page 489) without seeding were used to conduct 5-day, as well as long-term (up to 49 days), analyses.

Prior to 1973, samples were analyzed at the USBR Mid-Pacific Region Water Quality Laboratory. All BOD analyses since February 1973 were completed at the DWR Chemical Laboratory in Bryte, California.

B. Chlorophyll

Measured volume samples were filtered in the field through Gelman Type A or Whatman GFA glass fiber filters pretreated with a magnesium carbonate suspension and immediately frozen. Analytical procedures were taken from a report by Strickland and Parsons in "A Practical Handbook of Seawater Analysis," Fisheries Research Board of Canada Bulletin 167, 1968. Several methods for chlorophyll analyses were used (Table 1).

TABLE 1

Methods of Chlorophyll Analysis

| Date From | Date To | Pheo-Pigment Analyzed | Storet Code | Analysis Method | Strickland & Parson Reference Page | Analysis Instrument | Calibration Method | Strickland & Parson Reference Page | Calibration Instrument |
|---|---|---|---|---|---|---|---|---|---|
| Sept. 1968 | Aug. 1969 | Chlorophyll a | 32210 1/ | Fluorometric | 201 | Turner Fluorometer Model 111 | Trichromatic Formula for Chlorophyll a | 186 | Beckman Spectrophotometer Model DB-G and DU |
| 3/ Sept. 1969 | Oct. 1969 | Chlorophyll a | 32210 2/ | Trichromatic | 186 | Beckman Spectrophotometer Model DB-G | | | |
| | | Chlorophyll b | 32212 | | | | | | |
| | | Chlorophyll c | 32214 | | | | | | |
| | | Corrected Chlorophyll a | 32211 | Acidification | 193 | Beckman Spectrophotometer Model DB-G | | | |
| | | Pheophytin a | 32218 | | | | | | |
| | | Percent Chlorophyll a | 32221 | | | | | | |
| Nov. 1969 | Apr. 1970 | Chlorophyll a | 32210 1/ | Fluorometric | 201 | Turner Fluorometer Model 111 | Trichromatic Formula for Chlorophyll a | 186 | Beckman Spectrophotometer Model DB-G |
| 3/ May 1970 | June 1971 | Chlorophyll a | 32210 2/ | Trichromatic | 186 | Beckman Spectrophotometer Model DB-G | | | |
| | | Chlorophyll b | 32212 | | | | | | |
| | | Chlorophyll c | 32214 | | | | | | |
| | | Corrected Chlorophyll a | 32211 | Acidification | 193 | Beckman Spectrophotometer Model DB-G | | | |
| | | Pheophytin a | 32218 | | | | | | |
| | | Percent Chlorophyll a | 32221 | | | | | | |
| July 1971 | Dec 1972 | Chlorophyll a | 32210 2/ | Trichromatic | 186 | Perkin-Elmer 402 Scanning Spectrophotometer | | | |
| | | Chlorophyll b | 32212 | | | | | | |
| | | Chlorophyll c | 32214 | | | | | | |
| | | Corrected Chlorophyll a | 32211 | Acidification | 193 | Perkin-Elmer 402 Scanning Spectrophotometer | | | |
| | | Pheophytin a | 32218 | | | | | | |
| | | Percent Chlorophyll a | 32221 | | | | | | |
| Jan. 1973 | Dec. 1974 | Corrected Chlorophyll a | 32211 | Acidification | 193 | Perkin-Elmer 402 Scanning Spectrophotometer | | | |
| | | Pheophytin a | 32218 | | | | | | |
| | | Percent Chlorophyll a | 32221 | | | | | | |

1/ Data has been multiplied by 0.76 and stored under code 32211 with the remark "c" (calculated value) for this report.
2/ Data omitted for this report.
3/ During this time period, the fluorometric method was used for extremely low concentrations.

From September 1968 through August 1969, and from November 1969 through April 1970, all chlorophyll a samples were analyzed with a Turner Model 111 fluorometer (method on page 201) which was calibrated using a Beckman model DB-G spectrophotometer (following the method on page 186, using field chlorophyll samples and the Parsons and Strickland trichromatic formula to determine chlorophyll a concentrations). All chlorophyll a values obtained by this method were stored under parameter code 32210 in previous reports.

Starting in September 1969, the trichromatic method (page 186 and using Parsons and Strickland formulas) for chlorophylls a, b, and c (parameter codes 32210, 32212, and 32214 respectively) as well as the acidification method (page 193) for chlorophyll a (corrected chlorophyll a, parameter code 32211) and pheophytin a (32218) were followed using a Beckman model DB-G spectrophotometer. The OD values were recorded by hand at 750 mu, 665 mu, 645 mu, and 630 mu and after acidification with one drop of 1N HCl at 750 mu and 665 mu. One- and 4-cm cells were used. Percent chlorophyll a of pheophytin a plus chlorophyll a is stored under parameter code 32221. Prior to June 1971, at times when chlorophyll levels were below limits of detection with the spectrophotometer, the fluorometric method for chlorophyll a was used.

After June 1971, a Perkin-Elmer 402 scanning spectrophotometer with 4- and 10-cm cells was used. Scans from 590 mu to 750 mu were made before and after acidification with one drop of 1N HCl. The equations of Strickland and Parsons (1968) requiring OD measurements at 665 mu before and after acidification were used for the calculation of chlorophyll a and pheo-pigments. Also, Strickland and Parsons trichromatic equations for chlorophylls a, b, and c were used; however, they were dropped in 1973 because of their inaccuracy.

Starting in January 1973, the equations for chlorophyll a and pheo-pigments were changed to allow greater ease and increased precision in reducing the spectrophotometer charts. This change was initiated because chlorophyll a peaks at 663 mu and the pheo-pigments at 665 mu; therefore, only peak values were recorded from the charts. Approximately the same results are obtained using these new equations listed below:

Chlorophyll a ug/l =

$$\frac{(24.7\ (E_{663} - E_{665\ acid})\ (\text{ml extract})\ (1{,}000)}{(\text{ml sample})\ (\text{cm cell})}$$

and pheo-pigments ug/l =

$$\frac{(24.7)\ (1.75\ E_{665}\ \text{acid} - E_{663})\ (\text{ml extract})\ (1{,}000)}{(\text{ml sample})\ \ (\text{cm cell})}$$

The acidification method for determining chlorophyll a (parameter code 32211) is the most accurate. The fluorometric chlorophyll a analysis did not correct for the interference due to the pheo-pigments. Therefore, in this report, the chlorophyll a data (32210) which was analyzed early in the collection programs using a fluorometer was multiplied by the factor 0.76 and stored with the remark "C" under the parameter code 32211. The factor was the average value obtained from selected Sacramento-San Joaquin Delta data for converting chlorophyll a (32210) to corrected chlorophyll a (32211). All values stored under the Storet code of 32210 have subsequently been omitted for this report.

C. Phytoplankton

The samples were stored in glass prescription bottles containing 1 percent Lugols solution, and at times, stored up to 2 years before analysis. In general, the samples were analyzed by several different persons using inverted microscopes and various types of settling chambers, ranging from 3.18 mm (1/8 inch) deep specially designed chambers to the standard Utermohl type. Therefore, caution is advised when evaluating this data.

The organisms were identified and enumerated at the genus level. Filamentous and colonial forms were counted as single organisms. The number of organisms per ml ($cm^3$) were determined by the following equation:

$$\text{Organisms/ml} = \frac{C \times 1{,}000\ mm^3}{A \times H}$$

Where C = Observed count
A = Total area of chamber examined ($mm^2$)
H = Settling height of chamber (mm)

The organisms were grouped by class for data storage.

TABLE 2

Phytoplankton Storet Codes

| Code | Common Name | Class |
|---|---|---|
| 49004 | Green algae | Chlorophyceae GREEN |
| 60300 | Euglenoid flagellates | Euglenophyceae FLAG. GRN |
| 49006 | Yellow-green algae | Chrysophyceae YELLOW GRN |
| 49005 | Blue-green algae | Cyanophyceae BLUE GRN |
| 49002 | Cryptomonads | Cryptophyceae CRYPTOM |
| 49003 | Dinoflagellates | Dinophyceae DINOFLAG |
| 60370 | Diatoms | Bacillariophyceae DIATOMS |

TOT_ALG

D. Zooplankton

Three types of equipment were used to sample zooplankton: a Clarke-Bumpus net, a Neomysis net, and a pump. The Clarke-Bumpus net was made of number 10 mesh nylon (150 micron (.006 in) openings) and collected crustaceans (primarily copepods and cladocerans). It was 12.5 cm (4.9 in) in mouth diameter and 82.5 cm (32.5 in) long tapering to 4.2 cm (1.6 in) at the collecting end. A Clarke-Bumpus meter attached to its mouth measured the volume of water filtered. A special net made of Nitex with 930 micron (.037 in) openings collected Neomysis. It was 70 cm (27.6 in) long and 29.9 cm (11.8 in) wide at the mouth. In 1974, its mesh size was reduced to 505 microns (.02 in) to catch juvenile Neomysis more efficiently, thus increasing the total numbers caught. It was also lengthened to 148 cm (58 in). Hence, care should be exercised in comparing Neomysis data prior to 1974 with that of 1974 due to the reduction in net mesh size. Both the new and old nets tapered to 7.6 cm (3 in) at the collecting end.

To measure water volumes filtered, the old net used a Pygmy flowmeter and the new net a General Oceanics digital flowmeter. The Clarke-Bumpus and Neomysis nets were mounted on a rectangular frame made of metal tubes 16 mm (0.6 in) in diameter. A self-priming, compact, onboard, marine utility pump collected rotifers and small crustaceans. It had a weighted intake hose and a capacity of 15 liters/minute.

The frame holding the Neomysis and Clarke-Bumpus nets was lowered to the bottom at the start of the 10-minute tow made at each station. During the tow, the net was brought to the surface in several steps in order to sample the entire water column. The catch was preserved in a 5 percent formalin solution containing rose bengal dye to make the zooplankton easier to distinguish from detritus when the samples were processed in the lab.

After the nets were retrieved, the intake hose of the pump was lowered to the bottom while the boat drifted with the current, the pump was started, and the hose was slowly raised to the surface. Approximately 1.7 liters of the pumped water was poured into a plastic jug containing enough concentrated rose bengal dye and formalin to make a 5 percent solution.

Once at the lab, Clarke-Bumpus samples were poured through a sieve with 154 micron (.006 in) openings to remove some of the detritus and most organisms smaller than the mesh size of the collecting net (the assumption being these smaller animals were collected and counted in the pump samples). Water was added to the contents of the sieve and the volume recorded. The sample was then mixed by stirring with an automatic pipette in a figure-eight type pattern. A one milliliter subsample was withdrawn from the center of the container with the pipette, placed in a Sedgewick-Rafter slide, and all organisms identified to the species level when possible and counted. Additional subsamples were withdrawn if necessary to bring the total count to a minimum of 200 organisms. A computer program determined the concentration of organisms of each species at each station using the following equation:

$$N = (T \div S) \times (V_1 \div V_2)$$

Where: N = concentration of organisms
T = total number of organisms counted
S = volume of Sedgewick-Rafter subsamples
$V_1$ = volume of water added to contents of sieve
$V_2$ = volume of water strained by net

The exact volume of the pumped water sample was recorded at the lab and the organisms removed by screening first through 154 micron (.006 in) mesh then through 43 micron (.0017 in) mesh. Organisms retained by the 154 micron mesh were assumed to be counted in the Clarke-Bumpus samples and therefore discarded. All organisms retained by the 43 micron mesh screen were identified to species level when possible and counted. Approximately 5 percent of the rotifers were

lost through the 43 micron mesh, but this screening was deemed necessary to remove fine detritus, phytoplankton, and protozoans that would have rendered identification and enumeration of the other organisms difficult. The equation used to compute the concentration of each species at each station was:

$$N = T \div V$$

Where: N = concentration of each species
T = total number of organisms counted of each species
V = volume of water in original sample

The DFG, in 1971, collected samples using only the Clarke-Bumpus net which captured only the larger organisms. The USBR collected zooplankton using the pump sampler which captured only small plankton. Sampling by these agencies was often on different days and no attempt was made to combine the catch data. Hence, some of the listed catches for 1971 are biased toward large plankton, others toward small plankton, and all are underestimates of the total plankton concentrations actually present. Starting in 1972, DFG sampled with both the Clarke-Bumpus net and the pump. Concentrations of organisms obtained from each method were combined to estimate the total concentration of organisms at each sampling station. In this report, the organisms counted by the above methods are grouped into Cladocera, Copepoda, and Rotifera.

Once in the lab, Neomysis samples were poured into a tray which could be divided into segments of various sizes. When there were few Neomysis, all were counted. When too numerous to make a complete count practical, they were spread out as evenly as possible and the tray subdivided into quarters or sixteenths. Minimum count in such cases was 200. The organisms were grouped and counted according to size, but only total numbers are recorded in this report. The concentration of Neomysis at each station was computed using the equation:

$$N = T \times MF \div V$$

Where: N = concentration of Neomysis
T = number of Neomysis counted
MF = multiplying factor based on the number and size of tray segments counted
V = volume of water filtered by the net

E. Primary Productivity

The purpose of the primary productivity (PP) measurements was to determine the rate of phytoplankton photosynthesis and of the total respiration in a water sample under environmental light, temperature, and nutrient conditions. Also, some analyses were conducted in 1971 in which $NO_3$ - nitrogen - was added to the bottles to determine nutrient limitations.

Strickland's[1/] "light" and "dark" bottle oxygen method was used with the following modification. Since it was impractical to both collect and incubate the samples at several depths at each site and to incubate the samples at each collection site, only a single depth (3-foot) sample from each site was collected and samples from all the sites were incubated at one location. To obtain reasonable results with these modifications, the following conditions were assumed to occur:

1. Constant diurnal water transparencies occured at each collection site.

2. Constant diurnal water transparency occurred at the incubation site.

3. Nearly identical diurnal water temperatures occurred for all collection sites and the incubation sites.

4. The water column was well mixed.

The difference in the water transparency between the incubation site and each collection site was adjusted mathematically in the areal production calculations.

Initially, one site was chosen as an "intensive" site and the remainder as "nonintensive" for each day of incubation. The "intensive" site, employing additional "light" bottle depths, was to be used to plot a more detailed oxygen production versus depth curve. This curve, in turn, would be used visually to more accurately determine the shape of the production curves for the

1/ Strickland, J.D.H., 1960. Measuring the production of marine phytoplankton. Fisheries Research Board of Canada, Bulletin No. 122, 172 pp.

"nonintensive" stations. However, in 1974, a computer program was developed to produce the depth versus gross production graphs and to compute the production and respiration values.

The sample water was collected from a single depth common to the other parameters sampled and placed in 2- to 5-gallon, clean polyethylene containers. Care was taken to avoid contamination with any substance foreign to the body of the water sampled that may have stimulated or inhibited growth.

The samples were stored in total darkness and as close to the temperature of the body of water sampled as possible. The sample water was transferred to BOD incubation bottles for in situ incubation. The time of collection was scheduled in the afternoon and incubation was initiated at sunset with the shortest period of delay between collection and incubation as possible.

Approximately 16 BOD bottles for the "intensive" sites and 10 bottles for each "nonintensive" site were filled. In 1974, 12 bottles for each were filled. The sample container was shaken well prior to filling the BOD bottles to aerate the sample and provide as near a 100 percent saturated dissolved oxygen level as possible. The sample container was mildly agitated during the process of filling of the BOD bottles to prevent settling of suspended materials. The bottles were filled in such a way as to obtain uniform dissolved oxygen levels in all bottles for each site. Two "initial" bottles for each site were set aside for initial DO measurements. A thumb cot (to hold the stopper in place) was placed over the stopper and collar of each of the remaining bottles while each bottle was under water.

During 1969 and 1970, flint glass bottles were used. Since 1971, only borosilicate glass BOD bottles have been used for incubation.

The incubation period started at approximately sunset. During 1969 and 1970, incubation was continued for 24 hours. Beginning in 1971, the incubation period was shortened to include the night as before, but only the first half of the daylight hours (photo-period) of the following day.

"Light" bottles were incubated in duplicate, each suspended in a horizontal position at selected depths common to the depths used by the California Department of Fish and Game

in previous studies. Following 1970, incubation depths were determined from underwater light transmission measurements conducted at the incubation site prior to incubation. The bottles for the "intensive" sites were incubated at depths corresponding approximately to the following light penetration relative to the surface light levels: 100 percent (surface), 35 percent, 25 percent, 7 percent, 3 percent, and 1 percent. The bottles for the "nonintensive" sites were set at approximately the 35 percent, 3 percent, and 1 percent levels. In 1974, the bottles were placed at the surface, 35 percent, 3 percent, and 1 percent levels.

"Dark" bottles were incubated in duplicate for all sites in a light tight box lowered to a depth below the level of 1 percent surface light.

The initial dissolved oxygen levels in the "initial" bottles were fixed and measured at the time the "light" and "dark" bottles were placed in the water. The phenylarseneoxide and azide modification of the Winkler method with precision or micrometer buretts was used for the dissolved oxygen. The time of this measurement initiated the incubation period.

Hourly underwater light transmission and temperature measurements were recorded during the major portion of the photoperiod of incubation. The midday temperatures for the days of incubation at the incubation site were stored under D72 and can be found at the beginning of the data appendix. This site was established by the USBR for the purpose of storing data of a general nature.

A weather measure bimetallic strip model R041-S-W pyrheliometer was set up in an unobstructed area to record the solar radiation for the photoperiod during incubation. For calibration, the data obtained from this instrument was compared with the data collected at the University of California at Davis by the Department of Agricultural Engineering. This data was also stored at D72 and can be found at the beginning of the data appendix. Solar radiation and temperature data collected during incubation was stored on the previous day to correspond with other sample collection data.

At the end of the incubation period, the bottles were removed from the water, immediately fixed, and the dissolved oxygen concentrations measured.

Information from the field sheet was keypunched on data cards and run through the CD1-PHYT program. The CD1-PHYT is a computer program written in Fortran which uses field

data as input and calculates primary productivity values as output. The program produces a listing of calculated primary productivity values along with punched cards in storet format of these values. A graphical representation of the results is also printed out.

The program reads in the cards for the first site, and it equates the titration values to dissolved oxygen values using: 1 ml of titrant = 1 mg/l of oxygen. The dissolved oxygen (DO) values of the initial bottles, "dark" bottles, and "light" bottles of each depth are averaged. Then the "dark" bottle DO average is subtracted from the "light" bottle DO average at each depth. These differences are divided by the percent of photoperiod, giving calculated DO values for the day at each depth. Using the depths and the calculated DO values, the program sets up a matrix and solves through Lagrangian interpolation and Gaussian elimination for the coefficients of the following polynomial:

$$Y = A_0 + A_1X + A_2X^2 + A_3X^3 + \ldots A_nX^n$$

Where: $A_1, A_2, \ldots A_n$ are the coefficients,
$X$ is the depth, and
$Y$ is the dissolved oxygen.

This polynomial defines the curve plotted in the computer printout. The program interpolates additional depth values in between the actual depth values in order to make the curve more distinct.

The definitions of the calculated values are as follows:

Volume Respiration: Average dissolved oxygen of the "dark" bottles subtracted from the average dissolved oxygen of the initial bottles. (grams/meter$^3$/day) (Storet code 70995)

Areal Gross Production: Total area under the curve. (grams/meter$^2$/day) (Storet code 70992)

Areal Respiration: Area between volume respiration line and the X axis. (grams/meter$^2$/day) (Storet code 70994)

Maximum Gross Production: Largest dissolved oxygen value on the curve. (grams/meter$^2$/day) (Storet code 70993)

Areal Net Production: Areal respiration subtracted from areal gross production. (grams/meter$^2$/day) (Storet code 70991)

## F. Algal Growth Potential (AGP)

The primary purpose of the AGP studies was to determine the maximum standing crop of algae (measured as chlorophyll) that could grow in a given water sample under optimum conditions of light, temperature, and in some cases, with various known nutrient additions. The endogenous phytoplankton present in the sample at the time of collection determined the algal growth potential.

Samples were stored in clean polyethylene sample containers (cubi-tainers). Care was taken to avoid contamination with any substance foreign to the body of water sampled. In the field, the samples were stored in total darkness and on ice within an ice chest. At the laboratory, the samples were refrigerated until the culture flasks were ready to be filled. The samples were prepared for analysis as soon as possible, generally within 48 hours.

The basic growth conditions of the AGP analyses remained very similar. However, as different types of AGP data were requested, some modifications and additions were made.

Temperature was maintained at 24 $\pm$ 2° C. Lighting was continuous throughout the analysis period. Cool-white fluorescent lamps were placed to the sides of the flasks at a distance to produce an intensity of approximately 400-foot candles at each flask.

Agitation of each flask was achieved by continuously injecting air in the following manner. A hole was bored in the bottom of a 100-ml disposable polyethylene beaker, a disposable glass transfer pipet inserted, and the beaker inverted to use as a flask cover. The tip of the transfer pipet was adjusted until it extended to within 1/4 inch of the bottom of the flask. A short piece of rubber tubing with a 25# hypodermic needle attached to one end (to regulate airflow) was connected to each pipet. The needle was inserted into a rubber hose containing pressurized air. Aquarium air pumps were used to provide air that was first passed through two water scrubbers (1,000 mil flasks containing distilled water) before reaching the culture flasks.

For each sample, 500 ml Erlenmeyer flasks were prepared in duplicate (in some cases, triplicate). Each flask was filled to the 500-ml level in 1969 through 1970, and to the 400-ml level starting in 1971. All samples were shook well before subsampling.

The AGP analyses always consisted of chlorophyll a measurements which were used to determine the rate and quantity of algal growth. However, the method changed as the analysis procedures were improved. The dominant phytoplankters were identified to genus level at approximately the time chlorophyll levels peaked. Starting in 1971, the acquisition of automated chemical analysis equipment allowed for the measurement of various nutrient constituents.

The following procedures are outlined by date:

1. 1969-1970 - In certain cases, as indicated in the data, nitrate in the form of $NaNO_3$ and phosphate in the form of $K_2HPO_4$ were added to the flasks.

   For this period, only chlorophyll a concentrations were determined. The method of analysis is that of Strickland and Parsons[1/], using a Turner Model 111 fluorometer, as described on page 201. The fluorometer was calibrated with a Beckman Model DB-G spectrophotometer using the trichromatic method (page 185).

   With the exception of the October 1970 run, the initial chlorophyll measurements are the same as the field data. Due to the pheo-pigments (chlorophyll degradation products) which are measured as chlorophyll a, slightly higher values were obtained than using the chlorophyll a-pheo-pigment method (Strickland and Parsons, 1968, p. 193). A factor of 0.76 was therefore applied to convert chlorophyll data obtained to more accurate values (see the chlorophyll method). The values presented for this period are the average of two (in some cases, three) replicate flasks.

2. 1971-1972 - Known nutrient additions were again used with flasks set up in duplicate.

   Chlorophyll a measurements were obtained using the Turner Model 111 fluorometer. Calibration was made with a Perkin-Elmer Model 402 scanning spectrophotometer using Strickland and Parson's (1968) acidification method for chlorophyll a and pheo-pigments (page 194). Rapidly growing phytoplankton cultures, in which pheo-pigment concentrations were low, were used as a source of chlorophyll for calibrating the fluorometer. Initial measurements were made at the time samples were prepared.

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1/ Strickland, J.D.H. and T.R. Parsons. 1968. A practical handbook of seawater analysis. Bull. Fish. Res. Bd. Can. 167. 311 pp.

Simultaneous nutrient analyses were made using a three-channel Technicon Auto Analyzer and the following methods:

a. Nitrate plus nitrite - Analysis was with the cadmium reduction method (Technicon AAII Methodology, Industrial Method 108-71W).

b. Orthophosphate - The orthophosphate (Technicon Auto Analyzer Methodology, Industrial Method AAII 94-70W) was used.

c. Dissolved silica - The automated dissolved silica method (Technicon AAII Methodology, Industrial Method 105-71W) was used.

For 1971, the average measurements for each replicate flask are reported. For 1972, all individual measurements are reported.

3. August 1973 - The samples were prepared and analyzed as reported for 1971-1972 with certain modifications.

   A portion of the flasks were prepared with filtered sample water, spiked with nitrate and phosphate, and innoculated with a small portion of the initial sample.

   Ammonia was added to the nutrients analyzed - the low-level ammonia method (Technicon AAII Methodology, Industrial Method 108-71W) was used.

   The 10-ml samples for nitrate plus nitrite, ammonia, orthophosphate, and dissolved silica was centrifuged first, then run simultaneously on Technicon Auto Analyzer.

4. September 1973 - The samples were prepared and analyzed as reported for August 1973, with certain modifications.

   All samples were filtered, innoculated with a small portion of the initial sample, spiked with nitrogen and phosphorous, and prepared in triplicate.

Unlike the other parameters, the AGP data has not been placed with each sampling station. Due to the complex nature of the data, it has been grouped by date instead of station and placed at the end of the data appendix.

Data

# DATA

This section contains tabulations of biological field and laboratory data obtained from the Delta-Suisun Bay Ecological Studies for the years 1968 - 1974.

The STORET System[1] was used to store and retrieve the bulk of the data. Certain data contain alphanumeric codes immediately following the numeric information. These are specific qualifications of the data and the key to these codes is contained on table 1. The data in this appendix are public information and can be requested. Requests for data that are not yet published may be made by writing to:

Regional Director
U.S. Bureau of Reclamation
Attention: Water Quality Branch (MP-780)
2800 Cottage Way
Sacramento, California 95825

Water quality data are updated into the STORET System on a quarterly basis and should be considered preliminary until published.

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1 The STORET System is a nationwide storage and retrieval system for water quality data operated by the Environmental Protection Agency. The system is presently serviced with an IBM 370/155 computer located in Bethesda, Maryland, and operated under contract with OPTIMUM Systems, Inc. The Mid-Pacific Regional Office of the U.S. Bureau of Reclamation is able to access the data by use of a low speed General Electric Terminet 300.

TABLE 1
Explanation of Remark Codes Utilized in the STORET System

| Printed Output | Remarks |
|---|---|
| J | Estimated value, or results not accurate. |
| K | Actual value is known to be less than given value. |
| L | Actual value is known to be greater than value. |
| M | Indicates a negative value. |
| C | Calculated. |

The data are arranged by site location in Table 2, and by alphabetical and numerical sequence in Table 3. Figures 1, 2, and 3 show the approximate site locations. The pages for each site are arranged in the following order:

Station Description
Chlorophyll, Primary Productivity
Phytoplankton
Zooplankton
Biological Oxygen Demand

Two exceptions do exist. Station D72 is found at the front of the data section and contains field data concerning the incubation site for the primary productivity studies. The algal growth potential data for all sites sampled arranged by date is found at the end of this section.

TABLE 2

USBR-DWR-DFG Coordinated Monitoring Sites

Visited in 1968 - 1974

| USBR SITE NO. | SITE NAME AND LOCATION | SWRCB[1] SITE NO. | DFG SITE NO. | PAGE NO. |
|---|---|---|---|---|
| D72 | General Site | | | 13 |
| | NORTHERN DELTA | | | |
| C3 | Sacramento River at Green's Landing | 16 | C3 | 18 |
| D24 | Sacramento River at Rio Vista | 17 | 68 | 24 |
| D25 | Steamboat Slough above Cache Slough | | | 35 |
| MD1 | Sacramento River below Walnut Grove | | MD1 | 38 |
| MD2 | Georgiana Slough above Mokelumne River | | MD2 | 42 |
| MD3 | North Fork Mokelumne River at Broad Slough | | MD3 | 46 |
| P1 | Snodgrass Slough at Twin Cities Road | | | 50 |
| P2 | Mokelumne River below Consumnes River | 6 | P2 | 55 |
| P13 | Snodgrass Slough at S.P. Railroad Bridge | | | 61 |
| | EASTERN DELTA | | | |
| C13 | South Fork Mokelumne River at Staten Island | | C13 | 66 |
| MD6 | Sycamore Slough Two Miles from Mouth | | MD6 | 69 |
| MD7 | Mokelumne River North of Terminous Bridge | | MD7 | 74 |
| MD9 | White Slough above Honker Cut | | MD9 | 78 |
| MD10 | Disappointment Slough at Bishop Cut | | MD10 | 82 |
| P3 | Beaver Slough near Thornton | | | 86 |
| P4 | Hog Slough near Thornton | | P4 | 91 |
| P5 | Sycamore Slough near Lodi | | | 98 |
| P6 | White Slough near Lodi | | | 104 |
| P7 | Disappointment Slough near Lodi | | | 108 |
| P14 | White Slough at Rio Blanco Tract | | | 113 |
| | SOUTHERN DELTA | | | |
| C6 | San Joaquin River at Brandt Bridge | | | 118 |
| C7 | San Joaquin River at Mossdale Bridge | | | 121 |
| C9 | West Canal at Mouth of Intake | 8 | | 124 |
| C10 | San Joaquin River near Vernalis | 26 | | 128 |

[1] State Water Resources Control Board of the State of California

TABLE 2 (Cont.)

| USBR SITE NO. | SITE NAME AND LOCATION | SWRCB SITE NO. | DFG SITE NO. | PAGE NO. |
|---|---|---|---|---|
| | SOUTHERN DELTA (Cont.) | | | |
| D74 | Light 18 Stockton Ship Channel | | | 133 |
| D76 | Light 36 Stockton Ship Channel | | | 136 |
| D78 | Light 41 Stockton Ship Channel | | | 138 |
| D79 | Light 43 Stockton Ship Channel | | | 140 |
| D80 | Light 48 Stockton Ship Channel | | | 142 |
| D81 | Turning Basin Stockton Ship Channel | | | 145 |
| D83 | Stockton Sanitary Treatment Plant | | | 147 |
| D84 | Garwood Bridge - San Joaquin River | | | 149 |
| D86 | Brandt Bridge - San Joaquin River | | | 151 |
| D88 | Mossdale Bridge - San Joaquin River | | | 153 |
| D90 | Tracy Road Bridge - Grant Line Canal | | | 155 |
| D91 | Sugar Cut Slough and Old River | | | 157 |
| D94 | Upstream from Old and Middle Rivers Junction | | | 159 |
| D95 | Head of Middle River | | | 161 |
| P8 | San Joaquin River at Buckley Cove | 27 | 92 | 163 |
| P9 | Whiskey Slough Near Holt | | | 172 |
| P10 | Middle River at Victoria Canal | 5 | P10 | 175 |
| P11 | Middle River at Williams Bridge | | | 180 |
| P12 | Old River at Tracy Road | | | 183 |
| | WESTERN DELTA | | | |
| D3 | New York Slough at Pittsburg Landing | | | 188 |
| D4 | Sacramento River above Point Sacramento | 14 | 60 | 192 |
| D11 | Sherman Lake | | | 200 |
| D12 | San Joaquin River at Antioch | 20 | 74 | 209 |
| D13 | San Joaquin River at Antioch Bridge | | 76 | 221 |
| D14 | Big Break | | | 232 |
| D14A | Big Break | 1 | D14A | 234 |
| D15 | San Joaquin River at Jersey Point | 22 | D15 | 245 |
| D16 | San Joaquin River at Twitchell Island | 28 | | 257 |
| D17 | False River at Webb Pump | | | 264 |
| D18 | Old River at Mouth | | | 267 |
| D19 | Franks Tract | | D19 | 271 |
| D20 | Dutch Slough at Farrar Park Bridge | | | 280 |
| D21 | Old River at Holland Tract | | | 285 |
| D22 | Sacramento River at Emmaton | 15 | 64 | 290 |
| D23 | Three Mile Slough-Highway 24 | | | 299 |
| D26 | San Joaquin River near Mouth of Old River | 24 | 86 | 302 |
| D27 | Rock Slough at Contra Costa Canal Intake | 10 | | 312 |
| D28 | Old River at Palm Tract | | | 315 |
| D28A | Old River Opposite Rancho Del Rio | 11 | D28A | 317 |

TABLE 2 (Cont.)

| USBR SITE NO. | SITE NAME AND LOCATION | SWRCB SITE NO. | DFG SITE NO. | PAGE NO. |
|---|---|---|---|---|
| | WESTERN DELTA (Cont.) | | | |
| FG13 | Suisun Bay off Point Wise | | 54 | 322 |
| FG14 | Suisun Bay North of Point Emmet | | 56 | 326 |
| FG15 | Suisun Bay off Point San Joaquin | | 58 | 330 |
| FG17 | Sacramento River-Bottom of Sherman Island | | 62 | 334 |
| FG18 | Sacramento River-Top Horseshoe Bend | | 66 | 338 |
| FG19 | San Joaquin River-North of Point Beenar | | 72 | 342 |
| FG20 | San Joaquin River-Mid Jersey Island | | 78 | 346 |
| FG21 | San Joaquin River-West of Bradford Island | | 80 | 350 |
| FG22 | San Joaquin River-Fishermans Cut | | 82 | 354 |
| FG23 | San Joaquin River-by Webb Reach | | 84 | 358 |
| FG24 | San Joaquin River-off Burns Reach | | 88 | 362 |
| FG25 | San Joaquin River-Acker Island | | 90 | 366 |
| FG27 | Middle River-South End of Bacon Island | | 98 | 370 |
| FG28 | Old River-Lower Holland Tract | | 102 | 374 |
| FG29 | False River-Top of Jersey Island | | 104 | 377 |
| MD4 | Turner Cut at McDonald Island Ferry | | MD4 | 381 |
| MD5 | Middle River at Bacon Island Bridge | | | 385 |
| MD8 | San Joaquin River near Mouth of Middle River | | MD8 | 388 |
| MD11 | San Joaquin River-San Andrus Landing | | | 392 |
| | SUISUN BAY - SAN PABLO BAY | | | |
| C14 | Sacramento River at Port Chicago | | | 395 |
| D1 | Suisun Bay East of Avon Pier | | 42 | 397 |
| D2 | Suisun Bay near Preston Point | 30 | 44 | 403 |
| D6 | Carquinez Strait at Martinez | 2 | | 412 |
| D7 | Grizzly Bay near Suisun Slough | 3 | 28 | 422 |
| D8 | Suisun Bay at Middle Point | | 48 | 434 |
| D9 | Honker Bay near Wheeler Point | | 40 | 442 |
| D10 | Sacramento River at Chipps Island | 13 | 52 | 452 |
| D40 | San Pablo Bay near Mouth of Petaluma River | | | 464 |
| D41 | San Pablo Bay near Pinole Point | | | 468 |
| D42 | San Pablo Bay near Mare Island | 29 | | 472 |
| FG1 | Suisun Bay opposite Pacheco Creek | | 20 | 476 |
| FG2 | Suisun Bay opposite Point Edith | | 22 | 480 |
| FG3 | Suisun Bay opposite Garnet Point | | 24 | 484 |
| FG4 | Grizzly Bay-Northwest Corner | | 30 | 488 |
| FG8 | Suisun Bay-North of Ryer Island | | 36 | 492 |
| FG9 | Suisun Bay-South of Roe Island | | 46 | 496 |
| FG10 | Suisun Bay-off Middle Point | | 38 | 500 |
| FG11 | Suisun Bay-off Stake Point | | 50 | 504 |

TABLE 2 (Cont.)

| USBR SITE NO. | SITE NAME AND LOCATION | SWRCB SITE NO. | DFG SITE NO. | PAGE NO. |
|---|---|---|---|---|
| | SUISUN MARSH | | | |
| FG5 | Montezuma Slough near Joice Island | | 32 | 508 |
| FG6 | Montezuma Slough south of Meins Landing | | 33 | 512 |
| FG7 | Montezuma Slough-Van Sickle Island | | 34 | 515 |
| S4 | Hill Slough at Grizzly Island Road | | | 519 |
| S14 | Green Valley Creek at Cordelia Road | | | 524 |
| S16 | Cordelia Slough at Upper End | | | 527 |
| S22 | Chadbourne Slough at Chadbourne Road | | | 531 |
| S33 | Cordelia Slough at Cygnus | | | 536 |
| S42 | Suisun Slough at Joice Island | 31 | S42 | 541 |
| S49 | Montezuma Slough at Grizzly Island Road | | | 548 |
| S61 | Cordelia Slough at Vallejo Pipeline Bridge | | | 552 |

ALGAL GROWTH POTENTIAL STUDIES

| | | |
|---|---|---|
| 1969 | May - November | 554 |
| 1970 | February - November | 561 |
| 1971 | September - October | 571 |
| 1972 | August | 577 |
| 1973 | August - September | 582 |

TABLE 3

Alpha-Numerical Listing of the
Monitoring Sites

| USBR SITE NUMBER | LOCATION | FIGURE NO. | PAGE NO. |
|---|---|---|---|
| C3 | Northern Delta | 1, 3 | 18 |
| C6 | Southern Delta | 1 | 118 |
| C7 | Southern Delta | 1 | 121 |
| C9 | Southern Delta | 1, 3 | 124 |
| C10 | Southern Delta | 1 | 128 |
| C13 | Eastern Delta | 1, 3 | 66 |
| C14 | Suisun Bay - San Pablo Bay | 1 | 395 |
| D1 | Suisun Bay - San Pablo Bay | 1, 3 | 397 |
| D2 | Suisun Bay - San Pablo Bay | 1, 3 | 403 |
| D3 | Western Delta | 1, 3 | 188 |
| D4 | Western Delta | 1, 3 | 192 |
| D6 | Suisun Bay - San Pablo Bay | 1, 3 | 412 |
| D7 | Suisun Bay - San Pablo Bay | 1, 3 | 422 |
| D8 | Suisun Bay - San Pablo Bay | 1, 3 | 434 |
| D9 | Suisun Bay - San Pablo Bay | 1, 3 | 442 |
| D10 | Suisun Bay - San Pablo Bay | 1, 3 | 452 |
| D11 | Western Delta | 1, 3 | 200 |
| D12 | Western Delta | 1, 3 | 209 |
| D13 | Western Delta | 1, 3 | 221 |
| D14 | Western Delta | 1 | 232 |
| D14A | Western Delta | 1, 3 | 234 |
| D15 | Western Delta | 1, 3 | 245 |
| D16 | Western Delta | 1 | 257 |
| D17 | Western Delta | 1 | 264 |
| D18 | Western Delta | 1 | 267 |
| D19 | Western Delta | 1, 3 | 271 |
| D20 | Western Delta | 1 | 280 |
| D21 | Western Delta | 1 | 285 |
| D22 | Western Delta | 1, 3 | 290 |
| D23 | Western Delta | 1 | 299 |
| D24 | Northern Delta | 1, 3 | 24 |
| D25 | Northern Delta | 1, 3 | 35 |
| D26 | Western Delta | 1, 3 | 302 |
| D27 | Western Delta | 1 | 312 |
| D28 | Western Delta | 1 | 315 |
| D28A | Western Delta | 1, 3 | 317 |
| D40 | Suisun Bay - San Pablo Bay | 1, 3 | 464 |
| D41 | Suisun Bay - San Pablo Bay | 1, 3 | 468 |
| D42 | Suisun Bay - San Pablo Bay | 1, 3 | 472 |
| D72 | General Station | | 13 |
| D74 | Southern Delta | 2 | 133 |
| D76 | Southern Delta | 2 | 136 |
| D78 | Southern Delta | 2 | 138 |
| D79 | Southern Delta | 2 | 140 |

TABLE 3 (Cont.)

| USBR SITE NUMBER | LOCATION | FIGURE NO. | PAGE NO. |
|---|---|---|---|
| D80 | Southern Delta | 2 | 142 |
| D81 | Southern Delta | 2 | 145 |
| D83 | Southern Delta | 2 | 147 |
| D84 | Southern Delta | 2 | 149 |
| D86 | Southern Delta | 2 | 151 |
| D88 | Southern Delta | 2 | 153 |
| D90 | Southern Delta | 2 | 155 |
| D91 | Southern Delta | 2 | 157 |
| D94 | Southern Delta | 2 | 159 |
| D95 | Southern Delta | 2 | 161 |
| FG1 | Suisun Bay - San Pablo Bay | 3 | 476 |
| FG2 | Suisun Bay - San Pablo Bay | 3 | 480 |
| FG3 | Suisun Bay - San Pablo Bay | 3 | 484 |
| FG4 | Suisun Bay - San Pablo Bay | 3 | 488 |
| FG5 | Suisun Marsh | 3 | 508 |
| FG6 | Suisun Marsh | 3 | 512 |
| FG7 | Suisun Marsh | 3 | 515 |
| FG8 | Suisun Bay - San Pablo Bay | 3 | 492 |
| FG9 | Suisun Bay - San Pablo Bay | 3 | 496 |
| FG10 | Suisun Bay - San Pablo Bay | 3 | 500 |
| FG11 | Suisun Bay - San Pablo Bay | 3 | 504 |
| FG13 | Western Delta | 3 | 322 |
| FG14 | Western Delta | 3 | 326 |
| FG15 | Western Delta | 3 | 330 |
| FG17 | Western Delta | 3 | 334 |
| FG18 | Western Delta | 3 | 338 |
| FG19 | Western Delta | 3 | 342 |
| FG20 | Western Delta | 3 | 346 |
| FG21 | Western Delta | 3 | 350 |
| FG22 | Western Delta | 3 | 354 |
| FG23 | Western Delta | 3 | 358 |
| FG24 | Western Delta | 3 | 362 |
| FG25 | Western Delta | 3 | 366 |
| FG27 | Western Delta | 3 | 370 |
| FG28 | Western Delta | 3 | 374 |
| FG29 | Western Delta | 3 | 377 |
| MD1 | Northern Delta | 1 | 38 |
| MD2 | Northern Delta | 1, 3 | 42 |
| MD3 | Northern Delta | 1 | 46 |
| MD4 | Western Delta | 1 | 381 |
| MD5 | Western Delta | 1 | 385 |
| MD6 | Eastern Delta | 1, 3 | 69 |
| MD7 | Eastern Delta | 1, 3 | 74 |
| MD8 | Western Delta | 1 | 388 |
| MD9 | Eastern Delta | 1 | 78 |
| MD10 | Eastern Delta | 1 | 82 |
| MD11 | Western Delta | 1 | 392 |

TABLE 3 (Cont.)

| USBR SITE NUMBER | LOCATION | FIGURE NO. | PAGE NO. |
|---|---|---|---|
| P1 | Northern Delta | 1 | 50 |
| P2 | Northern Delta | 1, 3 | 55 |
| P3 | Eastern Delta | 1 | 86 |
| P4 | Eastern Delta | 1, 3 | 91 |
| P5 | Eastern Delta | 1, 3 | 98 |
| P6 | Eastern Delta | 1 | 104 |
| P7 | Eastern Delta | 1 | 108 |
| P8 | Southern Delta | 1, 3 | 163 |
| P9 | Southern Delta | 1 | 172 |
| P10 | Southern Delta | 1, 3 | 175 |
| P11 | Southern Delta | 1 | 180 |
| P12 | Southern Delta | 1 | 183 |
| P13 | Northern Delta | 1 | 61 |
| P14 | Eastern Delta | 1 | 113 |
| S4 | Suisun Marsh | 1 | 519 |
| S14 | Suisun Marsh | 1 | 524 |
| S16 | Suisun Marsh | 1 | 527 |
| S22 | Suisun Marsh | 1 | 531 |
| S33 | Suisun Marsh | 1 | 536 |
| S42 | Suisun Marsh | 1, 3 | 541 |
| S49 | Suisun Marsh | 1 | 548 |
| S61 | Suisun Marsh | 1 | 552 |

TABLE 4

Sampling Years and Parameters Measured

| USBR Site No. | Sampling period | *Parameters measured |
|---|---|---|
| C3 | 1969-74 | A,B,C,G,P,Z |
| C6 | 1974 | A,C |
| C7 | 1974 | A,B,C,P |
| C9 | 1973-74 | A,C,P,Z |
| C10 | 1969-74 | A,B,C,G,P |
| C13 | 1973-74 | A,B,C,P,Z |
| C14 | 1972 | B |
| D1 | 1968-74 | B,C,G,Z |
| D2 | 1968-74 | A,B,C,G,P,Z |
| D3 | 1968-73 | A,B,C,G |
| D4 | 1969-74 | A,B,C,P,Z |
| D6 | 1968-74 | A,B,C,G,P,Z |
| D7 | 1968-74 | A,B,C,G,P,Z |
| D8 | 1968-74 | A,B,C,G,P,Z |
| D9 | 1968-74 | A,B,C,G,P,Z |
| D10 | 1968-74 | A,B,C,G,P,Z |
| D11 | 1968-74 | A,B,C,G,P,Z |
| D12 | 1968-74 | A,B,C,G,P,Z |
| D13 | 1968-74 | A,B,C,G,P,Z |
| D14 | 1968 | B,C |
| D14A | 1968-74 | A,B,C,G,P,Z |
| D15 | 1968-74 | A,B,C,G,P,Z |
| D16 | 1968-74 | A,B,C,G |
| D17 | 1968-70 | B,C,G |
| D18 | 1968-71 | A,B,C,G,P |
| D19 | 1968-74 | A,B,C,G,P,Z |
| D20 | 1968-74 | A,B,C,G |
| D21 | 1968-74 | A,B,C,G |
| D22 | 1968-74 | A,B,C,G,Z |
| D23 | 1968-70 | B,C,G |
| D24 | 1968-74 | A,B,C,G,P,Z |
| D25 | 1968-70 | B,C,G |
| D26 | 1969-74 | A,B,C,G,P,Z |
| D27 | 1973-74 | A,C |
| D28 | 1973 | A,C |
| D28A | 1973-74 | A,B,C,P,Z |

* Not all parameters listed measured during entire sampling period.
A = Algae, B = Biochemical Oxygen Demand, C = Chlorophyll
G = Algal Growth Potential, P = Primary Productivity,
W = Water Temperature and Solar Radiation at Primary Productivity Incubation Site, Z = Zooplankton and Neomysis.

TABLE 4 (Cont.)

| USBR Site No. | Sampling period | *Parameters measured |
|---|---|---|
| D40 | 1971-73 | A,B,C,G,P,Z |
| D41 | 1971-73 | A,B,C,G,P,Z |
| D42 | 1971-74 | A,B,C,G,P,Z |
| D72 | 1969-74 | W |
| D74 | 1973-74 | A,B,C |
| D76 | 1973 | B |
| D78 | 1974 | A,C |
| D79 | 1973 | B,C |
| D80 | 1973-74 | A,B,C |
| D81 | 1974 | A,C |
| D83 | 1973-74 | A,B,C |
| D84 | 1973-74 | A,B,C |
| D86 | 1973-74 | A,B,C |
| D88 | 1973-74 | A,B,C |
| D90 | 1973 | B,C |
| D91 | 1973 | B,C |
| D94 | 1973 | B,C |
| D95 | 1973 | B,C |
| FG1 | 1969-74 | Z |
| FG2 | 1969-74 | Z |
| FG3 | 1969-74 | Z |
| FG4 | 1969-74 | Z |
| FG5 | 1969-74 | Z |
| FG6 | 1970-74 | Z |
| FG7 | 1969-74 | Z |
| FG8 | 1969-74 | Z |
| FG9 | 1969-74 | Z |
| FG10 | 1969-74 | Z |
| FG11 | 1969-74 | Z |
| FG13 | 1969-74 | Z |
| FG14 | 1969-74 | Z |
| FG15 | 1969-74 | Z |
| FG17 | 1969-74 | Z |
| FG18 | 1969-74 | Z |
| FG19 | 1969-74 | Z |
| FG20 | 1969-74 | Z |
| FG21 | 1969-74 | Z |
| FG22 | 1969-74 | Z |
| FG23 | 1969-74 | Z |
| FG24 | 1969-74 | Z |
| FG25 | 1969-74 | Z |
| FG27 | 1969-74 | Z |
| FG28 | 1969-74 | Z |
| FG29 | 1969-74 | Z |

TABLE 4 (Cont.)

| USBR Site No. | Sampling period | *Parameters measured |
|---|---|---|
| MD1 | 1974 | A C P Z |
| MD2 | 1974 | A,C,P,Z |
| MD3 | 1974 | A,C,P,Z |
| MD4 | 1974 | A,C,P,Z |
| MD5 | 1974 | A,C,P |
| MD6 | 1974 | A,B,C,P,Z |
| MD7 | 1974 | A,C,P,Z |
| MD8 | 1974 | A,C,P,Z |
| MD9 | 1974 | A,C,P,Z |
| MD10 | 1974 | A,C,P,Z |
| MD11 | 1974 | A,C,P |
| P1 | 1968-72 | A,B,C |
| P2 | 1968-74 | A,B,C,P,Z |
| P3 | 1968-74 | A,B,C |
| P4 | 1968-74 | A,B,C,P,Z |
| P5 | 1968-74 | A,B,C |
| P6 | 1968-73 | A,B,C |
| P7 | 1968-74 | A,B,C |
| P8 | 1968-74 | A,B,C,P,Z |
| P9 | 1968-72 | A,B,C |
| P10 | 1968-74 | A,B,C,P,Z |
| P11 | 1968-72 | A,B,C |
| P12 | 1968-74 | A,B,C,P |
| P13 | 1968-74 | A,B,C |
| P14 | 1968-74 | A,B,C |
| S4 | 1969-74 | A,B,C |
| S14 | 1969-74 | A,B,C |
| S16 | 1969-74 | A,B,C |
| S22 | 1969-74 | A,B,C |
| S33 | 1969-74 | A,B,C |
| S42 | 1969-74 | A,B,C,G,P,Z |
| S49 | 1969-74 | A,B,C |
| S61 | 1974 | C |

D 72

Primary Productivity Incubation Site Data

*Data actually collected on day following those listed.

STORET RETRIEVAL DATE 76/11/02

| * DATE FROM TO | TIME OF DAY | DEPTH FEET | 00010 WATER TEMP CENT | 70970 SOL RAD 1/2DAYX2 LANGLEYS |
|---|---|---|---|---|
| 69/05/14 | 12 00 | | 19 | |
| | | | | 737 |
| 69/06/11 | 12 00 | | 19 | |
| | | | | 754 |
| 69/07/23 | 12 00 | | 23 | |
| | | | | 760 |
| 69/08/20 | 12 00 | | 23 | |
| | | | | 646 |
| 69/09/18 | 12 00 | | 20 | |
| | | | | 474 |
| 70/04/16 | 12 00 | | 14 | |
| | | | | 619 |
| 70/05/18 | 12 00 | | 19 | |
| | | | | 686 |
| 70/06/15 | 12 00 | | 20 | |
| | | | | 788 |
| 70/07/15 | 12 00 | | 17 | |
| | | | | 755 |
| 70/08/13 | 12 00 | | 24 | |
| | | | | 691 |
| 70/09/09 | 12 00 | | 22 | |
| | | | | 603 |
| 70/10/07 | 12 00 | | 16 | |
| | | | | 412 |
| 71/05/04 | 12 00 | | 15 | |
| | | | | 449 |
| 71/05/05 | 12 00 | | 15 | |
| | | | | 508 |
| 71/06/02 | 12 00 | | 17 | |
| | | | | 696 |
| 71/06/03 | 12 00 | | 16 | |
| | | | | 670 |
| 71/06/30 | 12 00 | | 20 | |
| | | | | 693 |
| 71/07/01 | 12 00 | | 20 | |
| | | | | 718 |

D72

Primary Productivity Incubation Site Data

*Data actually collected on day following those listed

STORET RETRIEVAL DATE 76/11/02

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00010 WATER TEMP CENT | 70970 SOL RAD 1/2DAYX2 LANGLEYS |
|---|---|---|---|---|
| 71/08/03 | 12 00 | | 23 | |
| | | | | 624 |
| 71/08/04 | 12 00 | | 23 | |
| | | | | 645 |
| 71/08/31 | 12 00 | | 20 | |
| | | | | 593 |
| 71/09/01 | 12 00 | | 20 | |
| | | | | 626 |
| 71/09/28 | 12 00 | | 17 | |
| | | | | 416 |
| 71/09/29 | 12 00 | | 17 | |
| | | | | 581 |
| 71/10/26 | 12 00 | | 14 | |
| | | | | 456 |
| 71/10/27 | 12 00 | | 12 | |
| | | | | 466 |
| 72/03/22 | 12 00 | | 14 | |
| | | | | 525 |
| 72/03/23 | 12 00 | | 13 | |
| | | | | 546 |
| 72/04/24 | 12 00 | | 18 | |
| | | | | 686 |
| 72/05/22 | 12 00 | | 18 | |
| | | | | 701 |
| 72/05/23 | 12 00 | | 18 | |
| | | | | 734 |
| 72/06/20 | 12 00 | | 22 | |
| | | | | 756 |
| 72/07/18 | 12 00 | | 22 | |
| | | | | 657 |
| 72/07/19 | 12 00 | | 21 | |
| | | | | 272 |
| 72/08/21 | 12 00 | | 22 | |
| | | | | 749 |
| 72/08/22 | 12 00 | | 22 | |
| | | | | 676 |

Primary Productivity Incubation Site Data

*Data actually collected on day following those listed

STORET RETRIEVAL DATE 76/11/02

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00010 WATER TEMP CENT | 70970 SOL RAD 1/2DAYX2 LANGLEYS |
|---|---|---|---|---|
| 72/09/20 | 12 00 | | 19 | |
| | | | | 515 |
| 72/09/21 | 12 00 | | 19 | |
| | | | | 402 |
| 73/03/13 | 12 00 | | 10 | |
| | | | | 555 |
| 73/03/15 | 12 00 | | 11 | |
| | | | | 474 |
| 73/04/03 | 12 00 | | 13 | |
| | | | | 596 |
| 73/04/04 | 12 00 | | 14 | |
| | | | | 602 |
| 73/04/10 | 12 00 | | 17 | |
| | | | | 598 |
| 73/04/11 | 12 00 | | 16 | |
| | | | | 546 |
| 73/04/12 | 12 00 | | 16 | |
| | | | | 425 |
| 73/05/01 | 12 00 | | 18 | |
| | | | | 668 |
| 73/05/02 | 12 00 | | 18 | |
| | | | | 638 |
| 73/05/08 | 12 00 | | 18 | |
| | | | | 718 |
| 73/05/09 | 12 00 | | 18 | |
| | | | | 734 |
| 73/05/10 | 12 00 | | 19 | |
| | | | | 752 |
| 73/06/05 | 12 00 | | 22 | |
| | | | | 718 |
| 73/06/06 | 12 00 | | 23 | |
| | | | | 752 |
| 73/06/11 | 12 00 | | 22 | |
| | | | | 668 |
| 73/06/12 | 12 00 | | 21 | |
| | | | | 420 |

D72

Primary Productivity Incubation Site Data

*Data actually collected on day following those listed

STORET RETRIEVAL DATE 76/11/02

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00010 WATER TEMP CENT | 70970 SOL RAD 1/2DAYX2 LANGLEYS |
|---|---|---|---|---|
| 73/06/13 | 12 00 | | 20 | |
| | | | | 668 |
| 73/07/02 | 12 00 | | 24 | |
| | | | | 607 |
| 73/07/03 | 12 00 | | 24 | |
| | | | | 756 |
| 73/07/09 | 12 00 | | 22 | |
| | | | | 737 |
| 73/07/11 | 12 00 | | 23 | |
| | | | | 703 |
| 73/07/31 | 12 00 | | 23 | |
| | | | | 709 |
| 73/08/01 | 12 00 | | 23 | |
| | | | | 696 |
| 73/08/06 | 12 00 | | 22 | |
| | | | | 652 |
| 73/08/07 | 12 00 | | 21 | |
| | | | | 668 |
| 73/08/08 | 12 00 | | 21 | |
| | | | | 652 |
| 73/08/28 | 12 00 | | 21 | |
| | | | | 617 |
| 73/08/29 | 12 00 | | 20 | |
| | | | | 617 |
| 73/09/04 | 12 00 | | 20 | |
| | | | | 566 |
| 73/09/05 | 12 00 | | 20 | |
| | | | | 574 |
| 73/09/06 | 12 00 | | 20 | |
| | | | | 548 |
| 73/09/25 | 12 00 | | 18 | |
| | | | | 517 |
| 73/09/26 | 12 00 | | 18 | |
| | | | | 517 |
| 73/10/02 | 12 00 | | 17 | |
| | | | | 522 |

D72

Primary Productivity Incubation Site Data

*Data actually collected on day following those listed

STORET RETRIEVAL DATE 76/11/02

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00010 WATER TEMP CENT | 70970 SOL RAD 1/2DAYX2 LANGLEYS |
|---|---|---|---|---|
| 73/10/03 | 12 00 | | 18 | |
| | | | | 524 |
| 73/10/04 | 12 00 | | 18 | |
| | | | | 503 |
| 74/07/22 | 12 00 | | 24 | |
| | | | | 726 |
| 74/07/23 | 12 00 | | 24 | |
| | | | | 711 |

# Northern Delta

STORET RETRIEVAL DATE 77/03/14

052545 C3
38 20 45.0 121 32 42.0 2
SACRAMENTO R AT GREENS LANDING
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| | RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 122 32 40 LATITUDE - 38 20 40

MONITORING STATION FOR DELTA - SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN SACRAMENTO RIVER AT GREENS LANDING NEAR COURTLAND.

SAMPLING POINT - IN SACRAMENTO RIVER AT GREENS LANDING. OFF OF PRIVATE PIER ABOUT 50 YARDS UPSTREAM FROM OVERHEAD POWER CABLE LINE.

SAMPLE COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052545 C3
38 20 45.0 121 32 42.0 2
SACRAMENTO R AT GREENS LANDING (below Hood)
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/03/29 | 12 10 | 0003 | 3.12C | | | | | | | | | |
| 69/05/01 | 11 10 | 0003 | 2.28C | | | | | | | | | |
| 69/06/10 | 14 15 | 0003 | 2.51C | | | | | | | | | |
| 69/07/22 | 15 45 | 0003 | 5.47C | | | | | | | | | |
| 69/08/19 | 10 30 | 0003 | 3.88C | | | | | | | | | |
| 69/08/22 | 10 30 | 0003 | 2.58C | | | | | | | | | |
| 69/09/18 | 10 30 | 0003 | 3.57C | | | | | | | | | |
| 69/10/17 | 09 20 | 0003 | 2.00 | 0.03M | 1.20 | 0.80 | 71 | | | | | |
| 69/11/19 | 15 00 | 0003 | 8.30 | 0.26 | 0.72 | 3.80 | 61 | | | | | |
| 70/02/13 | 09 15 | 0003 | 1.14C | | | | | | | | | |
| 70/04/16 | 15 55 | 0003 | 15.20C | | | | | | | | | |
| 70/05/18 | 14 30 | 0003 | 5.90 | 0.26 | 0.72 | 3.80 | 61 | | | | | |
| 70/06/15 | 13 45 | 0003 | 4.90 | 0.30 | 0.57 | 3.70 | 57 | | | | | |
| 70/07/15 | 13 00 | 0003 | 8.30 | 0.47 | 1.40 | 4.70 | 64 | | | | | |
| 70/08/12 | 14 00 | 0003 | 6.10 | 0.32 | 1.30 | 3.90 | 61 | | | | | |
| 70/09/09 | 12 30 | 0003 | 2.90 | 0.05 | 0.26 | 1.90 | 61 | | | | | |
| 70/10/07 | 14 00 | 0003 | 3.00 | 0.45M | 6.40 | 0.73 | 80 | | | | | |
| 71/03/05 | 14 30 | 0003 | 1.80 | 0.00 | 0.00 | 0.40 | 81 | | | | | |
| 71/04/06 | 14 25 | 0003 | 3.30 | 0.13 | 0.77 | 1.30 | 72 | | | | | |
| 71/05/04 | 16 40 | 0003 | 4.50 | 0.08 | 0.26 | 1.60 | 73 | | | | | |
| 71/06/02 | 16 50 | 0003 | 2.80 | 0.00 | 0.00 | 0.96 | 74 | | | | | |
| 71/06/30 | 14 40 | 0003 | 2.90 | 0.23 | 0.00 | 1.30 | 68 | | | | | |
| 71/08/03 | 18 35 | 0003 | 3.70 | 0.20 | 0.44 | 0.85 | 81 | | | | | |
| 71/08/31 | 12 35 | 0003 | 2.30 | 0.00 | 0.00 | 0.93 | 71 | | | | | |
| 71/09/28 | 09 15 | 0003 | 2.70 | 0.07 | 0.00 | 1.30 | 66 | | | | | |
| 71/10/26 | 09 10 | 0003 | 1.20 | 0.00 | 0.13 | 0.67 | 64 | | | | | |
| 72/03/22 | 08 30 | 0003 | 1.60 | 0.12 | 0.70 | 0.37 | 81 | | | | | |
| 72/04/24 | 10 30 | 0003 | 4.80 | 0.00 | 0.50 | 1.50 | 75 | | | | | |
| 72/05/22 | 09 30 | 0003 | 4.50 | 0.39 | 0.33 | 2.80 | 62 | | | | | |
| 72/06/20 | 10 30 | 0003 | 5.20 | 0.20 | 0.62 | 3.20 | 61 | | | | | |
| 72/07/18 | 09 25 | 0003 | 5.80 | 0.34 | 0.44 | 2.50 | 70 | | | | | |
| 72/08/21 | 09 45 | 0003 | 3.60 | 0.29 | 0.72 | 1.70 | 67 | | | | | |
| 72/09/21 | 10 30 | 0003 | 2.50 | 0.27 | 0.12 | 1.40 | 63 | | | | | |
| 72/10/18 | 10 55 | 0003 | 2.60 | 0.23 | 0.36 | 1.10 | 69 | | | | | |
| 72/11/22 | 13 35 | 0003 | 1.30 | 0.26 | 0.64 | 1.30 | 49 | | | | | |
| 72/12/20 | 15 20 | 0003 | 3.00 | 0.74 | 0.47 | 3.80 | 44 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052545 C3
38 20 45.0 121 32 42.0 2
SACRAMENTO R AT GREENS LANDING
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/01/23 | 15 00 | 0003 | 1.10 | | | 1.10 | 49 | | | | | |
| 73/02/21 | 15 00 | 0003 | 1.70 | | | 0.48 | 79 | | | | | |
| 73/03/07 | 08 40 | 0003 | 1.40 | | | 0.86 | 63 | | | | | |
| 73/04/04 | 07 50 | 0003 | 1.70 | | | 0.90 | 66 | 0.12 | 0.47 | 0.21 | 0.35 | 0.06 |
| 73/05/02 | 07 15 | 0003 | 5.60 | | | 1.50 | 78 | 0.45M | 1.45 | 0.42 | 1.90 | 0.33 |
| 73/06/06 | 09 45 | 0003 | 5.00 | | | 2.40 | 67 | 0.59 | 3.30 | 0.90 | 2.71 | 0.47 |
| 73/07/03 | 09 30 | 0003 | 5.60 | | | 4.30 | 57 | 0.61 | 2.42 | 0.56 | 1.81 | 0.31 |
| 73/08/01 | 09 30 | 0003 | 3.90 | | | 2.20 | 63 | 0.03M | 1.64 | 0.60 | 1.67 | 0.29 |
| 73/08/29 | 08 55 | 0003 | 3.30 | | | 1.20 | 73 | 0.02M | 0.56 | 0.25 | 0.58 | 0.10 |
| 73/09/26 | 07 30 | 0003 | 1.70 | | | 0.90 | 66 | 0.85M | 0.66 | 0.17 | 1.51 | 0.26 |
| 73/10/16 | 11 10 | 0003 | 2.30 | | | 1.00 | 69 | | | | | |
| 73/11/14 | 10 20 | 0003 | 2.70 | | | 4.30 | 39 | | | | | |
| 73/12/12 | 09 00 | 0003 | 0.67 | | | 0.66 | 50 | | | | | |
| 74/01/10 | 10 20 | 0003 | 0.98 | | | 0.36 | 73 | | | | | |
| 74/02/07 | 08 25 | 0003 | 0.77 | | | 0.50 | 60 | | | | | |
| 74/03/26 | 08 05 | 0003 | 3.00 | | | 0.63 | 83 | | | | | |
| 74/04/10 | 07 50 | 0003 | 1.80 | | | 0.58 | 76 | | | | | |
| 74/04/25 | 07 55 | 0003 | 4.10 | | | 1.00 | 80 | | | | | |
| 74/05/09 | 07 50 | 0003 | 3.30 | | | 1.00 | 77 | | | | | |
| 74/05/23 | 07 05 | 0003 | 3.30 | | | 1.20 | 73 | | | | | |
| 74/06/06 | 06 55 | 0003 | 2.90 | | | 1.30 | 68 | | | | | |
| 74/06/25 | 09 55 | 0003 | 3.50 | | | 1.40 | 71 | | | | | |
| 74/07/09 | 08 45 | 0003 | 3.30 | | | 1.70 | 66 | | | | | |
| 74/07/23 | 09 10 | 0003 | 4.60 | | | 2.90 | 61 | | | | | |
| 74/08/07 | 08 55 | 0003 | 2.70 | | | 1.60 | 63 | | | | | |
| 74/08/23 | 10 45 | 0003 | 1.80 | | | 1.60 | 53 | | | | | |
| 74/09/05 | 08 40 | 0003 | 2.10 | | | 0.86 | 72 | | | | | |
| 74/09/19 | 08 40 | 0003 | 2.30 | | | 1.10 | 66 | | | | | |
| 74/10/03 | 07 50 | 0003 | 2.30 | | | 1.50 | 60 | | | | | |
| 74/10/17 | 07 55 | 0003 | 2.40 | | | 0.78 | 76 | | | | | |
| 74/11/07 | 12 00 | 0003 | 1.80 | | | 0.56 | 77 | | | | | |
| 74/11/19 | 09 55 | 0003 | 1.50 | | | 0.73 | 68 | | | | | |
| 74/12/18 | 09 15 | 0003 | 1.20 | | | 0.74 | 63 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052545 C3
38 20 45.0 121 32 42.0 2
SACRAMENTO R AT GREENS LANDING
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/10/18 | 10 55 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 45 | 55 |
| 72/11/22 | 13 35 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 404 | 434 |
| 72/12/20 | 15 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/01/23 | 15 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/21 | 15 00 | 0003 | 50 | 5 | 0 | 0 | 0 | 0 | 218 | 273 |
| 73/04/04 | 07 50 | 0003 | 45 | 0 | 15 | 5 | 0 | 0 | 186 | 251 |
| 73/05/02 | 07 15 | 0003 | 96 | 0 | 0 | 0 | 24 | 0 | 372 | 492 |
| 73/06/06 | 09 45 | 0003 | 120 | 0 | 0 | 0 | 36 | 0 | 324 | 480 |
| 73/07/03 | 09 30 | 0003 | 156 | 0 | 0 | 0 | 0 | 0 | 288 | 444 |
| 73/08/29 | 08 55 | 0003 | 12 | 0 | 0 | 12 | 0 | 0 | 504 | 528 |
| 73/11/14 | 10 20 | 0003 | 25 | 0 | 0 | 0 | 0 | 0 | 75 | 100 |
| 74/01/10 | 10 20 | 0003 | 20 | 0 | 5 | 0 | 0 | 0 | 20 | 45 |
| 74/02/07 | 08 25 | 0003 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 50 |
| 74/04/10 | 07 50 | 0003 | 39 | 0 | 39 | 0 | 0 | 0 | 234 | 312 |
| 74/04/25 | 07 55 | 0003 | 110 | 0 | 0 | 0 | 0 | 0 | 286 | 396 |
| 74/05/09 | 07 50 | 0003 | 132 | 0 | 0 | 0 | 0 | 0 | 1210 | 1342 |
| 74/05/23 | 07 05 | 0003 | 286 | 0 | 0 | 0 | 0 | 0 | 1298 | 1584 |
| 74/06/06 | 06 55 | 0003 | 154 | 0 | 0 | 22 | 0 | 22 | 440 | 638 |
| 74/06/25 | 09 55 | 0003 | 60 | 10 | 20 | 20 | 0 | 10 | 596 | 716 |
| 74/07/09 | 08 45 | 0003 | 88 | 0 | 22 | 22 | 0 | 0 | 1166 | 1298 |
| 74/07/23 | 09 10 | 0003 | 242 | 0 | 88 | 0 | 0 | 0 | 1320 | 1653 |
| 74/08/07 | 08 55 | 0003 | 22 | 0 | 0 | 22 | 0 | 0 | 770 | 814 |
| 74/08/23 | 10 45 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 880 | 902 |
| 74/09/05 | 08 40 | 0003 | 132 | 0 | 22 | 0 | 0 | 0 | 616 | 770 |
| 74/09/19 | 08 40 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 770 | 792 |
| 74/10/03 | 07 50 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 550 | 638 |
| 74/10/17 | 07 55 | 0003 | 44 | 0 | 0 | 88 | 0 | 0 | 770 | 902 |
| 74/11/07 | 12 00 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 484 | 550 |
| 74/11/19 | 09 55 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 594 | 616 |
| 74/12/18 | 09 15 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 132 | 176 |

STORET RETRIEVAL DATE 77/03/14

052545 C3
38 20 45.0 121 32 42.0 2
SACRAMENTO R AT GREENS LANDING
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/04/13 | | | 0.0008 | 17.00 | 0.29 | 10.00 |
| 73/05/09 | | | 0.0005 | 196.00 | 0.88 | 7.00 |
| 73/06/07 | | | 0.0033 | 112.00 | 0.24 | 12.00 |
| 73/07/09 | | | 0.0002 | 116.00 | 1.02 | 6.00 |
| 73/08/13 | | | 0.0001 | 97.00 | 0.06 | 5.00 |
| 73/09/11 | | | 0.0001 | 0.00L | 0.00L | 0.00L |
| 73/10/05 | | | 0.0004 | 53.00 | 0.02 | 3.00 |
| 74/03/14 | | | 0.0000 | 40.63L | 0.00L | 3.13L |
| 74/04/01 | | | 0.0000 | 71.26L | 0.00L | 13.79L |
| 74/04/16 | | | 0.0000 | 78.11L | 0.00L | 10.06L |
| 74/05/13 | | | 0.0000 | 165.30 | 2.79 | 10.67 |
| 74/05/28 | | | 0.0002 | 833.20 | 4.17 | 39.83 |
| 74/06/26 | | | 0.0000 | 66.11 | 0.24 | 3.72 |
| 74/07/10 | | | 0.0001 | 230.50 | 0.48 | 11.07 |
| 74/07/24 | | | 0.0000 | 119.00 | 0.19 | 4.12 |
| 74/08/08 | | | 0.0000 | 63.49 | 0.76 | 1.84 |
| 74/08/23 | | | 0.0000 | 48.44 | 0.08 | 3.33 |
| 74/09/10 | | | 0.0000 | 65.71 | 0.38 | 3.25 |
| 74/09/23 | | | 0.0000 | 31.90 | 0.07 | 6.19 |
| 74/10/07 | | | 0.0000 | 16.89 | 0.16 | 1.17 |
| 74/10/22 | | | 0.0000 | 67.26 | 0.18 | 0.67 |
| 74/11/19 | | | 0.0000 | 57.24 | 0.34 | 3.00 |

STORET RETRIEVAL DATE 77/03/14

052545 C3
38 20 45.0 121 32 42.0 2
SACRAMENTO R AT GREENS LANDING
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/03/29 | 12 10 | 0003 | 1.0 | | | | | | | | |
| 69/05/01 | 11 10 | 0003 | 1.1 | | | | | | | | |
| 69/06/10 | 14 15 | 0003 | 1.7 | | | | | | | | |
| 69/08/22 | 10 30 | 0003 | 0.6 | | | | | | | | |
| 69/09/18 | 10 30 | 0003 | 0.5 | | | | | | | | |
| 69/10/17 | 09 20 | 0003 | 2.0 | | | | | | | | |
| 69/11/19 | 15 00 | 0003 | 3.1 | | | | | | | | |
| 70/02/13 | 09 15 | 0003 | 2.0 | | | | | | | | |
| 70/03/17 | 16 20 | 0003 | 0.9 | | | | | | | | |
| 70/04/16 | 15 55 | 0003 | 1.7 | | | | | | | | |
| 70/05/18 | 14 30 | 0003 | 1.0 | | | | | | | | |
| 70/06/15 | 13 45 | 0003 | 2.2 | | | | | | | | |
| 70/07/15 | 13 00 | 0003 | 2.2 | | | | | | | | |
| 70/08/12 | 14 00 | 0003 | 1.8 | | | | | | | | |
| 70/09/09 | 12 30 | 0003 | 1.8 | | | | | | | | |
| 70/10/07 | 14 00 | 0003 | | 2.2 | | | | | | | |
| 73/04/04 | 07 50 | 0003 | 1.3 | | | | | | | | |
| 73/08/01 | 09 30 | 0003 | 1.1 | | | | | | | | |
| 73/08/29 | 08 55 | 0003 | 1.2 | | | | | | | | |
| 73/11/14 | 10 20 | 0003 | 1.7 | | | | | | | | |
| 73/12/12 | 09 00 | 0003 | 1.2 | | | | | | | | |
| 74/01/10 | 10 20 | 0003 | 1.5 | | | | | | | | |
| 74/02/07 | 08 25 | 0003 | 1.1 | | | | | | | | |
| 74/03/26 | 09 05 | 0003 | 1.2 | | | | | | | | |
| 74/04/10 | 07 50 | 0003 | 1.0 | | | | | | | | |
| 74/05/09 | 07 50 | 0003 | 1.2 | | | | | | | | |
| 74/06/06 | 06 55 | 0003 | 1.0 | | | | | | | | |
| 74/07/09 | 08 45 | 0003 | 2.0 | | | | | | | | |
| 74/08/07 | 08 55 | 0003 | 1.1 | | | | | | | | |
| 74/09/05 | 08 40 | 0003 | 1.0 | | | | | | | | |
| 74/10/03 | 07 50 | 0003 | 1.9 | | | | | | | | |
| 74/11/07 | 12 00 | 0003 | 1.4 | | | | | | | | |
| 74/12/18 | 09 15 | 0003 | 1.1 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 41 00 LATITUDE - 38 09 30

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED AT A POINT OF PRINCIPLE INFLOW TO WESTERN DELTA.

SAMPLING POINT - SACRAMENTO RIVER,MIDDLE OF SACRAMENTO SHIP CHANNEL AT RIO VISTA, 150 YARDS SOUTH OF LIFTBRIDGE. ADJACENT TO AND WEST OF R N 46 . DEPTH AT SITE IS 30 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 11 45 | 0003 | 5.32C | | | | | | | | | |
| 68/10/30 | 13 20 | 0003 | 5.40C | | | | | | | | | |
| 68/11/25 | 11 35 | 0003 | 3.04C | | | | | | | | | |
| 68/12/18 | 15 15 | 0003 | 3.50C | | | | | | | | | |
| 69/01/28 | 13 15 | 0003 | 1.52C | | | | | | | | | |
| 69/02/25 | 13 30 | 0003 | 2.20C | | | | | | | | | |
| 69/03/29 | 14 30 | 0003 | 3.27C | | | | | | | | | |
| 69/05/08 | 10 20 | 0003 | 4.10C | | | | | | | | | |
| 69/06/10 | 16 45 | 0003 | 3.57C | | | | | | | | | |
| 69/06/11 | 13 00 | 0003 | 3.60 | | | | | 0.85M | 1.43 | 0.99 | 2.28 | 0.32 |
| 69/07/22 | 13 15 | 0003 | 13.68C | | | | | | | | | |
| 69/07/23 | 09 30 | 0003 | | | | | | 1.68 | 4.46 | 2.94 | 2.78 | 0.39 |
| 69/08/19 | 12 20 | 0003 | 7.60C | | | | | | | | | |
| 69/08/20 | 12 20 | 0003 | | | | | | 0.47M | 2.31 | 2.11 | 2.78 | 0.39 |
| 69/09/18 | 11 40 | 0003 | 4.26C | | | | | 1.31M | 1.11 | 0.80 | 2.42 | 0.34 |
| 69/10/17 | 10 55 | 0003 | 2.90 | 0.05M | 1.20 | 1.30 | 69 | | | | | |
| 69/10/21 | 18 55 | 0003 | 3.10 | 0.001 | 1.60 | 1.90 | 63 | | | | | |
| 69/11/25 | 15 30 | 0003 | 2.89C | | | | | | | | | |
| 70/02/12 | 11 45 | 0003 | 1.22C | | | | | | | | | |
| 70/03/20 | 15 35 | 0003 | 4.41C | | | | | | | | | |
| 70/04/16 | 14 20 | 0003 | 5.17C | | | | | 1.52M | 1.64 | 1.27 | 3.16 | 0.44 |
| 70/05/18 | 17 00 | 0003 | 6.70 | 0.24 | 0.97 | 4.40 | 60 | 0.41M | 3.16 | 1.95 | 3.57 | 0.50 |
| 70/06/15 | 15 05 | 0003 | 12.00 | 0.14 | 3.30 | 7.30 | 63 | 3.91M | 4.11 | 3.95 | 8.02 | 1.12 |
| 70/06/16 | 16 45 | 0003 | 19.00 | 0.005M | 3.40 | 8.20 | 70 | | | | | |
| 70/07/14 | 15 55 | 0003 | 9.50 | 0.04 | 1.10 | 5.20 | 64 | 2.81M | 2.18 | 2.30 | 4.99 | 0.70 |
| 70/07/15 | 16 30 | 0003 | 8.10 | 0.14 | 1.60 | 6.60 | 56 | | | | | |
| 70/08/12 | 15 20 | 0003 | 11.00 | 0.10 | 3.70 | 5.70 | 67 | | | | | |
| 70/08/13 | 15 00 | 0003 | 8.90 | 0.16 | 2.70 | 6.10 | 59 | 0.20M | 3.36 | 2.27 | 3.57 | 0.50 |
| 70/09/09 | 14 00 | 0003 | 4.60 | 0.13 | 0.24 | 1.90 | 70 | 1.55M | 1.80 | 1.20 | 3.35 | 0.47 |
| 70/10/07 | 12 40 | 0003 | 3.60 | 0.07M | 0.31 | 1.80 | 66 | | | | | |
| 70/10/08 | 14 10 | 0003 | 3.60 | 0.18M | 0.20 | 2.30 | 61 | 0.35M | 1.37 | 0.77 | 1.71 | 0.24 |
| 71/03/04 | 11 15 | 0003 | 2.90 | 0.00 | 0.00 | 1.20 | 71 | | | | | |
| 71/03/23 | 13 40 | 0003 | 3.80 | 0.00 | 0.11 | 0.97 | 79 | | | | | |
| 71/04/06 | 17 15 | 0003 | 3.90 | 0.02 | 0.16 | 0.93 | 80 | | | | | |
| 71/04/20 | 12 00 | 0003 | 2.70 | 0.00 | 0.29 | 1.40 | 65 | | | | | |
| 71/05/04 | 15 10 | 0003 | 3.70 | 0.00 | 0.01 | 1.90 | 65 | 0.36M | 1.07 | 0.80 | 1.43 | 0.20 |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/05/18 | 12 05 | 0003 | 3.30 | 0.002 | 0.89 | 1.70 | 65 | | | | | | |
| 71/06/02 | 14 35 | 0003 | 2.70 | 0.00 | 0.00 | 0.83 | 76 | 0.25 | 2.12 | 1.15 | 1.87 | 0.26 | |
| 71/06/15 | 11 30 | 0003 | 4.20 | 0.00 | 0.15 | 1.50 | 74 | | | | | | |
| 71/06/30 | 13 10 | 0003 | 2.70 | 0.04 | 0.00 | 1.40 | 65 | 0.20M | 1.22 | 0.70 | 1.43 | 0.20 | |
| 71/07/14 | 10 05 | 0003 | 5.70 | 0.00 | 0.00 | 3.90 | 59 | | | | | | |
| 71/08/03 | 17 30 | 0003 | 8.70 | 0.63 | 2.40 | 3.50 | 71 | 0.99 | 4.51 | 2.70 | 3.52 | 0.49 | 2.66 |
| 71/08/16 | 14 25 | 0003 | 5.30 | 0.37 | 2.20 | 4.20 | 56 | | | | | | |
| 71/08/31 | 16 25 | 0003 | 3.80 | 0.00 | 0.10 | 1.40 | 73 | 0.14M | 2.80 | 1.15 | 2.94 | 0.41 | 1.26 |
| 71/09/14 | 15 25 | 0003 | 8.30 | 0.10 | 1.30 | 2.90 | 73 | | | | | | |
| 71/09/28 | 14 20 | 0003 | 2.50 | 0.00 | 0.00 | 0.83 | 75 | 0.36M | 1.15 | 0.70 | 1.51 | 0.21 | 0.64 |
| 71/10/14 | 14 45 | 0003 | 4.90 | 0.14 | 1.10 | 2.60 | 65 | | | | | | |
| 71/10/26 | 14 10 | 0003 | 1.90 | 0.03 | 0.00 | 1.00 | 64 | 0.17 | 0.98 | 0.37 | 0.81 | 0.11 | 0.30 |
| 71/11/16 | 15 50 | 0003 | 3.30 | 0.00 | 0.35 | 1.30 | 70 | | | | | | |
| 71/12/13 | 16 05 | 0003 | 1.80 | 0.05 | 0.17 | 1.00 | 62 | | | | | | |
| 72/01/10 | 15 55 | 0003 | 1.10 | 0.09 | 0.15 | 0.54 | 66 | | | | | | |
| 72/02/11 | 16 15 | 0003 | 2.40 | 0.22 | 0.77 | 1.60 | 60 | | | | | | |
| 72/03/08 | 10 20 | 0003 | 1.20 | 0.15 | 0.42 | 0.81 | 59 | | | | | | |
| 72/03/22 | 12 20 | 0003 | 1.90 | 0.11 | 0.04 | 0.73 | 72 | 1.40 | 0.26 | 0.28 | 1.14M | 0.16M | |
| 72/04/11 | 14 00 | 0003 | 6.10 | 0.41 | 1.20 | 3.30 | 65 | | | | | | |
| 72/05/08 | 13 55 | 0003 | 13.00 | 0.32 | 3.50 | 4.90 | 72 | | | | | | |
| 72/05/22 | 17 00 | 0003 | 7.40 | 0.47 | 1.40 | 4.50 | 62 | 0.89M | 3.91 | 1.10 | 4.79 | 0.67 | |
| 72/06/06 | 13 25 | 0003 | 12.00 | 0.34 | 3.30 | 6.50 | 64 | | | | | | |
| 72/06/20 | 16 20 | 0003 | 11.00 | 0.73 | 1.70 | 6.90 | 60 | 0.12M | 1.83 | 0.90 | 1.96 | 0.27 | |
| 72/07/06 | 14 50 | 0003 | 5.90 | 0.20 | 0.29 | 4.50 | 56 | | | | | | |
| 72/07/19 | 14 50 | 0003 | 6.70 | 0.69 | 0.79 | 5.30 | 55 | 0.44M | 0.63 | 0.40 | 1.07 | 0.15 | |
| 72/08/03 | 14 20 | 0003 | 11.00 | 0.95 | 3.50 | 5.20 | 67 | | | | | | |
| 72/08/21 | 18 55 | 0003 | 9.10 | 0.29 | 1.70 | 2.90 | 75 | 2.48M | 3.08 | 1.25 | 5.56 | 0.78 | |
| 72/09/06 | 16 45 | 0003 | 11.00 | 1.40 | 2.00 | 4.20 | 72 | | | | | | |
| 72/09/20 | 17 00 | 0003 | 8.00 | 0.55 | 1.20 | 2.30 | 77 | 1.07 | 2.78 | 0.85 | 1.71 | 0.24 | |
| 72/10/03 | 15 20 | 0003 | 8.10 | 0.05 | 1.20 | 2.50 | 76 | | | | | | |
| 72/10/18 | 16 00 | 0003 | 3.70 | 0.29 | 0.47 | 1.60 | 70 | | | | | | |
| 72/11/15 | 12 30 | 0003 | 1.30 | 0.19 | 0.52 | 1.00 | 55 | | | | | | |
| 73/02/13 | 14 15 | 0003 | 1.40 | | | 1.20 | 55 | | | | | | |
| 73/03/15 | 14 25 | 0003 | 1.90 | | | 1.20 | 61 | 1.24M | 0.37 | 0.23 | 1.61 | 0.23 | |
| 73/03/29 | 13 00 | 0003 | 7.20 | | | 1.10 | 86 | | | | | | |
| 73/04/12 | 13 30 | 0003 | 3.20 | | | 2.30 | 58 | 0.04 | 0.76 | 0.37 | 0.72 | 0.10 | |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/04/26 | 12 35 | 0003 | 8.10 | | | 3.60 | 69 | | | | | |
| | 12 36 | 0015 | 7.10 | | | 3.20 | 69 | | | | | |
| | 12 37 | 0025 | 6.40 | | | 3.00 | 68 | | | | | |
| | 12 38 | 0030 | 6.00 | | | 3.20 | 65 | | | | | |
| 73/05/10 | 12 55 | 0003 | 9.80 | | | 4.50 | 69 | 1.38 | 3.90 | 1.31 | 2.52 | 0.35 |
| 73/05/31 | 18 05 | 0003 | 4.40 | | | 3.50 | 56 | | | | | |
| 73/06/13 | 18 05 | 0003 | 7.10 | | | 4.90 | 59 | 1.33 | 2.19 | 1.06 | 0.86 | 0.12 |
| | 18 08 | 0030 | 5.90 | | | 4.40 | 57 | | | | | |
| 73/06/26 | 15 55 | 0003 | 8.30 | | | 3.90 | 68 | | | | | |
| | 15 56 | 0030 | 3.70 | | | 4.70 | 44 | | | | | |
| 73/07/11 | 17 20 | 0003 | 5.40 | | | 3.50 | 60 | 2.88M | 1.97 | 0.73 | 4.85 | 0.68 |
| | 17 21 | 0030 | 4.30 | | | 3.70 | 53 | | | | | |
| 73/08/08 | 15 40 | 0003 | 5.80 | | | 2.60 | 69 | 0.24 | 1.58 | 0.79 | 1.33 | 0.19 |
| | 15 41 | 0030 | 5.40 | | | 2.80 | 66 | | | | | |
| 73/08/23 | 15 00 | 0003 | 6.70 | | | 3.30 | 67 | | | | | |
| | 15 01 | 0030 | 6.90 | | | 3.80 | 64 | | | | | |
| 73/09/06 | 15 00 | 0003 | 4.70 | | | 1.60 | 75 | 0.64 | 1.93 | 0.81 | 1.28 | 0.18 |
| | 15 03 | 0030 | 4.60 | | | 1.60 | 74 | | | | | |
| 73/10/04 | 12 50 | 0003 | 3.70 | | | 1.50 | 71 | | | | | |
| 73/11/01 | 10 05 | 0003 | 2.40 | | | 1.00 | 71 | | | | | |
| 73/12/06 | 13 40 | 0003 | 0.92 | | | 0.98 | 49 | | | | | |
| 74/01/17 | 14 20 | 0003 | 1.30 | | | 0.92 | 60 | | | | | |
| 74/02/14 | 11 55 | 0003 | 1.90 | | | 1.00 | 65 | | | | | |
| 74/03/21 | 16 30 | 0003 | 3.30 | | | 1.20 | 73 | | | | | |
| 74/04/02 | 13 50 | 0003 | 4.40 | | | 5.80 | 43 | | | | | |
| 74/04/17 | 14 10 | 0003 | 3.50 | | | 0.86 | 80 | | | | | |
| 74/04/30 | 12 50 | 0003 | 3.70 | | | 0.59 | 86 | | | | | |
| 74/05/14 | 11 45 | 0003 | 2.90 | | | 1.10 | 72 | | | | | |
| 74/06/12 | 11 10 | 0003 | 5.20 | | | 1.60 | 77 | | | | | |
| 74/06/26 | 11 10 | 0003 | 6.10 | | | 2.10 | 74 | | | | | |
| 74/07/10 | 09 30 | 0003 | 5.20 | | | 3.00 | 64 | | | | | |
| 74/07/24 | 10 05 | 0003 | 6.30 | | | 3.50 | 64 | | | | | |
| 74/08/13 | 15 10 | 0003 | 4.10 | | | 1.50 | 73 | | | | | |
| 74/08/27 | 15 15 | 0003 | 2.70 | | | 0.82 | 77 | | | | | |
| 74/09/12 | 15 25 | 0003 | 3.70 | | | 1.60 | 69 | | | | | |
| 74/09/24 | 13 35 | 0003 | 3.50 | | | 1.40 | 71 | | | | | |
| 74/10/08 | 12 00 | 0003 | 2.10 | | | 1.30 | 62 | | | | | |
| 74/11/20 | 10 25 | 0003 | 1.40 | | | 0.57 | 71 | | | | | |
| 74/12/10 | 14 20 | 0003 | 1.30 | | | 1.10 | 55 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/25 | 11 35 | 0003 | 10 | 0 | 0 | 0 | 10 | 0 | 80 | 100 |
| 68/12/18 | 15 15 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 190 | 200 |
| 69/01/28 | 13 15 | 0003 | 0 | 0 | 0 | 10 | 10 | 0 | 130 | 150 |
| 69/02/25 | 13 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| 69/03/29 | 14 30 | 0003 | 30 | 0 | 0 | 10 | 50 | 0 | 110 | 200 |
| 69/05/08 | 10 20 | 0003 | 20 | 0 | 0 | 0 | 20 | 0 | 150 | 190 |
| 69/06/10 | 16 45 | 0003 | 50 | 0 | 0 | 10 | 20 | 0 | 50 | 130 |
| 69/07/22 | 13 15 | 0003 | 190 | 0 | 0 | 20 | 130 | 10 | 970 | 1320 |
| 69/08/19 | 12 20 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 510 | 540 |
| 69/09/18 | 11 40 | 0003 | 50 | 0 | 10 | 10 | 0 | 0 | 130 | 200 |
| 69/11/25 | 15 30 | 0003 | 0 | 0 | 50 | 0 | 10 | 0 | 410 | 470 |
| 70/02/12 | 11 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 120 |
| 70/03/20 | 15 35 | 0003 | 90 | 0 | 0 | 0 | 0 | 0 | 60 | 150 |
| 70/04/16 | 14 20 | 0003 | 270 | 0 | 0 | 0 | 0 | 0 | 1260 | 1530 |
| 70/05/18 | 17 00 | 0003 | 300 | 30 | 0 | 0 | 180 | 0 | 480 | 990 |
| 70/06/15 | 15 05 | 0003 | 210 | 0 | 0 | 0 | 270 | 0 | 2530 | 3010 |
| 70/06/16 | 16 45 | 0003 | 300 | 0 | 0 | 0 | 270 | 0 | 1920 | 2490 |
| 70/07/14 | 15 55 | 0003 | 180 | 0 | 0 | 0 | 240 | 0 | 810 | 1230 |
| 70/08/12 | 15 20 | 0003 | 360 | 0 | 0 | 30 | 600 | 0 | 1440 | 2430 |
| 70/10/08 | 14 10 | 0003 | 180 | 0 | 0 | 0 | 150 | 0 | 620 | 960 |
| 70/11/23 | 14 50 | 0003 | 0 | 0 | 0 | 0 | 180 | 0 | 150 | 330 |
| 71/03/04 | 11 15 | 0003 | 90 | 0 | 0 | 0 | 60 | 0 | 240 | 390 |
| 71/04/06 | 17 15 | 0003 | 420 | 0 | 0 | 60 | 270 | 0 | 240 | 990 |
| 71/05/04 | 15 10 | 0003 | 180 | 0 | 0 | 0 | 90 | 0 | 120 | 390 |
| 71/06/02 | 14 35 | 0003 | 270 | 0 | 0 | 0 | 210 | 0 | 660 | 1140 |
| 71/06/30 | 13 10 | 0003 | 60 | 0 | 0 | 0 | 270 | 0 | 690 | 1020 |
| 71/08/03 | 17 30 | 0003 | 180 | 0 | 30 | 0 | 750 | 30 | 1880 | 2870 |
| 71/08/31 | 16 25 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 44 | 64 |
| 71/09/28 | 14 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71/10/26 | 14 10 | 0003 | 0 | 3 | 0 | 0 | 0 | 8 | 39 | 50 |
| 71/11/16 | 15 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 118 |
| 71/12/13 | 16 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/01/10 | 15 55 | 0003 | 14J | 0J | 0J | 2J | 2J | 0J | 22J | 40J |
| 72/02/11 | 16 15 | 0003 | 26J | 0 | 0 | 0 | 18J | 0 | 78J | 122J |
| 72/03/22 | 12 20 | 0003 | 8J | 0J | 0J | 0J | 4J | 0J | 30J | 42J |
| 72/05/22 | 17 00 | 0003 | 14J | 0J | 0J | 24J | 24J | 0J | 178J | 240J |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/06/20 | 16 20 | 0003 | 18J | 0J | 0J | 2J | 54J | 4J | 618J | 696J |
| 72/07/19 | 14 50 | 0003 | 22J | 0J | 0J | 6J | 44J | 0J | 260J | 332J |
| 72/09/20 | 17 00 | 0003 | 95 | 0 | 0 | 25 | 0 | 0 | 143 | 263 |
| 72/10/18 | 16 00 | 0003 | 45 | 0 | 0 | 0 | 0 | 0 | 113 | 158 |
| 72/11/15 | 12 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 35 |
| 73/02/13 | 14 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/15 | 14 25 | 0003 | 40 | 0 | 20 | 0 | 0 | 0 | 203 | 263 |
| 73/03/29 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 24 | 0 | 216 | 240 |
| 73/04/12 | 13 30 | 0003 | 126 | 0 | 30 | 0 | 0 | 0 | 423 | 579 |
| 73/04/26 | 12 35 | 0003 | 36 | 0 | 0 | 24 | 24 | 0 | 444 | 528 |
| 73/05/10 | 12 55 | 0003 | 180 | 0 | 0 | 12 | 84 | 0 | 972 | 1248 |
| 73/05/31 | 18 05 | 0003 | 48 | 0 | 0 | 0 | 60 | 0 | 528 | 636 |
| 73/06/13 | 18 05 | 0003 | 0 | 0 | 0 | 12 | 12 | 0 | 276 | 300 |
| 73/06/26 | 15 55 | 0003 | 36 | 0 | 0 | 0 | 120 | 0 | 420 | 576 |
| 73/07/11 | 17 20 | 0003 | 204 | 0 | 0 | 0 | 36 | 0 | 336 | 576 |
| 73/08/08 | 15 40 | 0003 | 36 | 0 | 0 | 24 | 252 | 0 | 468 | 780 |
| 73/08/23 | 15 00 | 0003 | 36 | 0 | 0 | 0 | 324 | 12 | 372 | 744 |
| 73/09/06 | 15 00 | 0003 | 12 | 0 | 0 | 0 | 24 | 0 | 252 | 288 |
| 73/09/20 | 13 00 | 0003 | 40 | 0 | 20 | 0 | 25 | 0 | 288 | 373 |
| 73/10/04 | 12 50 | 0003 | 40 | 0 | 10 | 5 | 0 | 0 | 272 | 327 |
| 73/11/01 | 10 05 | 0003 | 26 | 0 | 26 | 0 | 13 | 0 | 112 | 177 |
| 73/12/06 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 |
| 74/01/17 | 14 20 | 0003 | 75 | 0 | 25 | 0 | 0 | 0 | 50 | 150 |
| 74/02/14 | 11 55 | 0003 | 23 | 0 | 69 | 0 | 0 | 0 | 390 | 482 |
| 74/03/21 | 16 30 | 0003 | 311 | 0 | 88 | 0 | 10 | 0 | 437 | 846 |
| 74/04/02 | 13 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74/04/17 | 14 10 | 0003 | 202 | 0 | 10 | 0 | 0 | 0 | 505 | 717 |
| 74/04/30 | 12 50 | 0003 | 264 | 0 | 0 | 44 | 0 | 0 | 616 | 924 |
| 74/05/14 | 11 45 | 0003 | 132 | 0 | 0 | 0 | 0 | 0 | 814 | 946 |
| 74/06/12 | 11 10 | 0003 | 198 | 0 | 0 | 0 | 22 | 0 | 682 | 902 |
| 74/06/26 | 11 10 | 0003 | 65 | 25 | 5 | 0 | 56 | 0 | 912 | 1063 |
| 74/07/10 | 09 30 | 0003 | 132 | 0 | 22 | 44 | 0 | 0 | 1298 | 1496 |
| 74/07/24 | 10 05 | 0003 | 66 | 0 | 0 | 66 | 22 | 0 | 1540 | 1694 |
| 74/08/13 | 15 10 | 0003 | 484 | 0 | 0 | 22 | 22 | 0 | 1100 | 1628 |
| 74/08/27 | 15 15 | 0003 | 66 | 0 | 22 | 0 | 22 | 0 | 462 | 572 |
| 74/09/12 | 15 25 | 0003 | 154 | 22 | 0 | 0 | 0 | 0 | 748 | 924 |
| 74/09/24 | 13 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 484 | 484 |
| 74/10/08 | 12 00 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 704 | 748 |
| 74/10/22 | 12 35 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 330 | 352 |
| 74/11/20 | 10 25 | 0003 | 0 | 0 | 0 | 22 | 0 | 0 | 242 | 264 |
| 74/12/10 | 14 20 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 418 | 440 |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/08 | | | 0.0016 | | | |
| 69/02/05 | | | 0.0001 | | | |
| 69/03/08 | | | 0.0000 | | | |
| 69/05/25 | | | 0.0000 | | | |
| 69/06/23 | | | 0.0000 | | | |
| 69/08/19 | | | 0.0005 | | | |
| 69/09/17 | | | 0.0000 | | | |
| 69/10/20 | | | 0.0000 | | | |
| 69/11/16 | | | 0.0000 | | | |
| 69/12/19 | | | 0.0005 | | | |
| 70/01/14 | | | 0.0000 | | | |
| 70/02/13 | | | 0.0000 | | | |
| 70/03/16 | | | 0.0000 | | | |
| 70/04/14 | | | 0.0001 | | | |
| 70/05/14 | | | 0.0071 | | | |
| 70/06/11 | | | 0.0480 | | | |
| 70/07/10 | | | 0.0214 | | | |
| 70/08/24 | | | 0.0023 | | | |
| 70/09/22 | | | 0.0006 | | | |
| 70/10/23 | | | 0.0002 | | | |
| 70/11/18 | | | 0.0000 | | | |
| 70/12/20 | | | 0.0000 | | | |
| 71/01/19 | | | 0.0000 | | | |
| 71/02/18 | | | 0.0000 | | | |
| 71/03/05 | | | 0.0001 | | | |
| 71/03/24 | | | | 35.29L | 0.59L | 14.12L |
| 71/04/06 | | | | 55.88L | 0.59L | 7.06L |
| 71/04/08 | | | 0.0000 | 2.36L | 0.36L | 2.65L |
| 71/04/21 | | | | 34.71L | 0.00L | 4.71L |
| 71/05/04 | | | 0.0349 | 4.37L | 0.46L | 4.05L |
| 71/05/05 | | | | 87.06L | 7.06L | 5.88L |
| 71/05/19 | | | | 111.20L | 0.00L | 5.88L |
| 71/06/03 | | | 0.0000 | 0.48L | 0.18L | 1.46L |
| 71/06/16 | | | | 75.29L | 0.00L | 4.71L |
| 71/06/30 | | | | 0.37L | 0.61L | 0.70L |
| 71/07/01 | | | 0.0001 | 82.35L | 0.00L | 4.71L |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/07/15 | | | | 184.70L | 0.59L | 3.53L |
| 71/07/30 | | | 0.0003 | 1.02L | 6.72L | 0.65L |
| 71/08/04 | | | | 108.20L | 0.00L | 2.94L |
| 71/08/17 | | | | 65.88L | 0.00L | 4.12L |
| 71/08/30 | | | | 43.53L | 0.00L | 5.88L |
| 71/09/01 | | | 0.0004 | 1.37L | 0.25L | 0.33L |
| 71/09/15 | | | | 38.82L | 0.00L | 4.71L |
| 71/09/28 | | | | 47.65L | 0.00L | 22.94L |
| 71/10/14 | | | | 24.71L | 0.00L | 2.35L |
| 71/10/18 | | | 0.0161 | 0.72L | 0.72L | 0.59L |
| 71/11/09 | | | 0.0047 | 0.31L | 0.56L | 0.78L |
| 71/12/09 | | | 0.0026 | 0.08L | 0.32L | 0.64L |
| 72/01/11 | | | 0.0001 | 13.78 | 0.21 | 8.55 |
| 72/02/09 | | | 0.0019 | 26.14 | 0.25 | 6.20 |
| 72/03/10 | | | 0.0000 | 14.20 | 0.42 | 6.50 |
| 72/04/07 | | | 0.0037 | 30.35 | 0.09 | 2.03 |
| 72/04/20 | | | 0.0115 | 61.36 | 0.48 | 3.91 |
| 72/05/05 | | | 0.1148 | 282.00 | 0.63 | 8.00 |
| 72/05/19 | | | 0.0308 | 587.90 | 15.09 | 44.11 |
| 72/06/06 | | | 0.0009 | 159.60 | 6.38 | 23.77 |
| 72/06/22 | | | 0.0773 | 267.00 | 26.86 | 18.00 |
| 72/07/05 | | | 0.0376 | 128.50 | 1.03 | 10.06 |
| 72/07/18 | | | 0.0111 | 304.60 | 32.54 | 12.68 |
| 72/08/02 | | | 0.1594 | 226.70 | 59.25 | 30.93 |
| 72/08/15 | | | 0.0329 | 418.90 | 30.82 | 11.96 |
| 72/09/13 | | | 0.0093 | 67.66 | 0.10 | 3.19 |
| 72/09/28 | | | 0.0596 | 41.96 | 0.18 | 5.51 |
| 72/10/12 | | | 0.0278 | 39.49 | 0.27 | 1.65 |
| 72/10/27 | | | 0.0959 | 12.46 | 0.23 | 1.69 |
| 72/11/15 | | | 0.0019 | 27.00 | 0.60 | 1.00 |
| 72/11/16 | | | | 3.53L | 0.00L | 46.47L |
| 72/12/22 | | | 0.0031 | 10.00 | 0.22 | 2.00 |
| 73/03/15 | | | 0.0000 | 10.41 | 0.44 | 4.90 |
| 73/04/10 | | | 0.0169 | 25.50 | 0.38 | 8.48 |
| 73/04/25 | | | 0.0383 | 53.94 | 2.84 | 3.43 |
| 73/05/09 | | | 0.6345 | 171.70 | 4.16 | 17.19 |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/05/24 | | | 0.0011 | 115.90 | 1.34 | 13.36 |
| 73/06/07 | | | 0.0163 | 79.63 | 1.03 | 5.07 |
| 73/06/26 | | | 0.0689 | 110.00 | 1.84 | 8.38 |
| 73/07/09 | | | 0.1034 | 75.35 | 1.65 | 7.08 |
| 73/07/24 | | | 0.1010 | 151.30 | 14.78 | 12.01 |
| 73/08/07 | | | 0.0630 | 129.50 | 3.47 | 8.29 |
| 73/08/21 | | | 0.0282 | 77.97 | 1.44 | 4.60 |
| 73/09/05 | | | 0.0475 | 69.46 | 0.55 | 7.73 |
| 73/09/18 | | | 0.0607 | 34.14 | 0.12 | 2.68 |
| 73/10/02 | | | 0.0019 | 38.84 | 0.67 | 0.82 |
| 73/10/16 | | | 0.0300 | 33.78 | 0.19 | 1.52 |
| 73/11/16 | | | 0.0000 | 43.35 | 0.28 | 6.13 |
| 74/03/14 | | | 0.0000 | 22.37 | 0.17 | 4.46 |
| 74/04/01 | | | 0.0001 | 60.83 | 0.27 | 12.40 |
| 74/04/16 | | | 0.0001 | 86.87 | 0.43 | 10.09 |
| 74/05/13 | | | 0.0018 | 101.50 | 0.48 | 4.69 |
| 74/05/28 | | | 0.0145 | 176.90 | 0.95 | 22.55 |
| 74/06/18 | | | 0.0021 | 107.40 | 0.19 | 4.01 |
| 74/06/26 | | | 0.0011 | 60.24 | 0.02 | 7.15 |
| 74/07/10 | | | 0.0640 | 107.90 | 0.08 | 6.74 |
| 74/07/24 | | | 0.0435 | 128.90 | 0.23 | 2.29 |
| 74/08/08 | | | 0.0282 | 65.31 | 0.40 | 4.64 |
| 74/08/23 | | | 0.0165 | 25.34 | 0.21 | 6.02 |
| 74/09/10 | | | 0.0012 | 14.24 | 0.30 | 5.62 |
| 74/09/23 | | | 0.0008 | 30.59 | 0.94 | 4.88 |
| 74/10/07 | | | 0.0090 | 32.03 | 2.21 | 2.68 |
| 74/10/22 | | | 0.0005 | 7.20 | 1.02 | 1.98 |
| 74/11/19 | | | 0.0000 | 6.61 | 0.84 | 5.42 |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/21 | 12 15 | 0003 | 1.1 | | | | | | | | |
| 68/06/18 | 14 30 | 0003 | 4.6 | | | | | | | | |
| 68/07/18 | 14 10 | 0003 | 0.3 | | | | | | | | |
| 68/08/15 | 12 10 | 0003 | 0.9 | | | | | | | | |
| 68/09/27 | 11 45 | 0003 | 1.3 | | | | | | | | |
| 68/10/30 | 13 20 | 0003 | 1.0 | | | | | | | | |
| 68/11/25 | 11 35 | 0003 | 1.2 | | | | | | | | |
| 68/12/18 | 15 15 | 0003 | 1.1 | | | | | | | | |
| 69/01/28 | 13 15 | 0003 | 1.4 | | | | | | | | |
| 69/02/25 | 13 30 | 0003 | 1.4 | | | | | | | | |
| 69/03/29 | 14 30 | 0003 | 1.1 | | | | | | | | |
| 69/05/08 | 10 20 | 0003 | 0.7 | | | | | | | | |
| 69/06/10 | 16 45 | 0003 | 1.4 | | | | | | | | |
| 69/07/22 | 13 15 | 0003 | 2.5 | | | | | | | | |
| 69/08/19 | 12 20 | 0003 | 0.9 | | | | | | | | |
| 69/09/18 | 11 40 | 0003 | 0.6 | | | | | | | | |
| 69/10/17 | 10 55 | 0003 | 1.1 | | | | | | | | |
| 69/10/21 | 18 55 | 0003 | 1.3 | | | | | | | | |
| 69/11/25 | 15 30 | 0003 | 0.8 | | | | | | | | |
| 70/02/12 | 11 45 | 0003 | 0.4 | | | | | | | | |
| 70/03/20 | 15 35 | 0003 | 1.1 | | | | | | | | |
| 70/04/16 | 14 20 | 0003 | 1.4 | | | | | | | | |
| 70/05/18 | 17 00 | 0003 | 1.1 | | | | | | | | |
| 70/05/19 | 18 15 | 0003 | 0.8 | | | | | | | | |
| 70/06/15 | 15 05 | 0003 | 2.1 | | | | | | | | |
| 70/06/16 | 16 45 | 0003 | 1.9 | | | | | | | | |
| 70/07/14 | 15 55 | 0003 | 1.2 | | | | | | | | |
| 70/07/15 | 16 30 | 0003 | 1.7 | | | | | | | | |
| 70/08/12 | 15 20 | 0003 | 1.5 | | | | | | | | |
| 70/08/13 | 15 00 | 0003 | 2.1 | | | | | | | | |
| 70/09/09 | 14 00 | 0003 | 1.4 | | | | | | | | |
| 70/09/10 | 15 30 | 0003 | 1.2 | | | | | | | | |
| 70/10/07 | 12 40 | 0003 | | 1.3 | | | | | | | |
| 70/10/08 | 14 10 | 0003 | 1.0 | | | | | | | | |
| 71/03/04 | 11 15 | 0003 | | | 1.8 | 2.1 | 2.2 | 2.8 | | 3.4 | |
| 71/04/06 | 17 15 | 0003 | 0.6 | | 1.2 | 1.5 | 1.9 | 2.2 | | | |

STORET RETRIEVAL DATE 77/03/14

052521 D24 68
38 09 27.0 121 41 01.0 2
SACRAMENTO R AT RIO VISTA BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/05/04 | 15 10 | 0003 | | | 1.1 | 1.5 | 2.0 | | 2.0 | | 2.6 |
| 71/06/02 | 14 35 | 0003 | | | 0.9 | 2.3 | 2.1 | | 2.5 | | 2.7 |
| 71/06/30 | 13 10 | 0003 | | | 1.2 | 1.6 | 1.8 | | 2.0 | | 2.2 |
| 71/08/03 | 17 30 | 0003 | | | 1.4 | 2.2 | 4.0 | | 4.0 | | 3.3 |
| 71/08/31 | 16 25 | 0003 | | | 0.8 | 1.4 | 1.5 | | 1.8 | | 2.6 |
| 71/09/28 | 14 20 | 0003 | | | 0.8 | 1.6 | 2.0 | | 1.9 | | 2.0 |
| 71/10/26 | 14 10 | 0003 | | | 0.7 | 1.6 | | | 2.0 | | 2.3 |
| 71/11/16 | 15 50 | 0003 | | | 1.3 | 2.4 | 2.4 | | 2.8 | | 3.1 |
| 71/12/13 | 16 05 | 0003 | | | 1.5 | 1.9 | 2.3 | | 2.6 | | 3.1 |
| 72/01/10 | 15 55 | 0003 | | | | 1.8 | | | 2.3 | | 2.8 |
| 72/02/11 | 16 15 | 0003 | | | 1.2 | 1.7 | 2.0 | | 2.1 | | 2.7 |
| 72/07/19 | 14 50 | 0003 | 1.0 | | | | | | | | |
| 72/09/20 | 17 00 | 0003 | | | 1.2 | 1.8 | | | | | 4.3 |

STORET RETRIEVAL DATE 77/03/14

052522 D25
38 11 00.0 121 39 20.0 2
STEAMBOAT SL. ABOVE CACHE SL-D25
06095 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0010 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 39 20 LATITUDE - 38 11 00

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED AT A POINT OF PRINCIPLE INFLOW TO WESTERN DELTA.

SAMPLING POINT - CENTER OF STEAMBOAT SLOUGH, OPPOSITE HIDDEN HARBOR. 200 YARDS ABOVE CONFLUENCE WITH SACRAMENTO RIVER. DEPTH AT SITE IS 10 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

FOR LABORATORY PERFORMING ANALYSIS, SEE USBR DATA APPENDIX.

STATION DISCONTINUED OCT 1970.

STORET RETRIEVAL DATE 77/03/14

052522 D25
38 11 00.0 121 39 20.0 2
STEAMBOAT SL. ABOVE CACHE SL-D25
06095 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0010 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 12 05 | 0003 | 4.94C | | | | | | | | | |
| 68/10/30 | 13 40 | 0003 | 5.62C | | | | | | | | | |
| 68/11/25 | 12 00 | 0003 | 3.04C | | | | | | | | | |
| 68/12/18 | 15 30 | 0003 | 3.65C | | | | | | | | | |
| 69/02/25 | 13 55 | 0003 | 2.36C | | | | | | | | | |
| 69/03/29 | 15 30 | 0003 | 3.80C | | | | | | | | | |
| 69/05/08 | 10 50 | 0003 | 3.57C | | | | | | | | | |
| 69/06/10 | 17 05 | 0003 | 2.89C | | | | | | | | | |
| 69/07/22 | 13 35 | 0003 | 13.68C | | | | | | | | | |
| 69/08/19 | 12 45 | 0003 | 5.24C | | | | | | | | | |
| 69/09/17 | 12 10 | 0003 | 3.50C | | | | | | | | | |
| 69/10/16 | 12 45 | 0003 | 2.20 | 0.21M | 1.00 | 1.20 | 64 | | | | | |
| 69/11/25 | 16 30 | 0003 | 2.20C | | | | | | | | | |
| 70/02/13 | 10 50 | 0003 | 1.06C | | | | | | | | | |
| 70/03/20 | 16 05 | 0003 | 4.41C | | | | | | | | | |
| 70/04/17 | 15 00 | 0003 | 3.19C | | | | | | | | | |
| 70/05/19 | 18 35 | 0003 | 7.00 | 0.03 | 1.30 | 3.90 | 64 | | | | | |
| 70/06/16 | 17 10 | 0003 | 15.00 | 0.34 | 2.50 | 8.60 | 63 | | | | | |
| 70/07/14 | 16 20 | 0003 | 11.00 | 0.35 | 0.92M | 5.90 | 64 | | | | | |
| 70/08/12 | 15 45 | 0003 | 12.00 | 0.29 | 3.70 | 4.00 | 76 | | | | | |
| 70/09/10 | 15 45 | 0003 | 4.60 | 0.16 | 0.95 | 2.20 | 67 | | | | | |
| 70/10/08 | 14 35 | 0003 | 3.60 | 0.03 | 0.08 | 1.20 | 74 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052522 D25
38 11 00.0 121 39 20.0 2
STEAMBOAT SL. ABOVE CACHE SL-D25
06095 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0010 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/21 | 12 45 | 0003 | 1.2 | | | | | | | | |
| 68/06/18 | 14 45 | 0003 | 2.4 | | | | | | | | |
| 68/07/18 | 14 30 | 0003 | 0.2K | | | | | | | | |
| 68/08/15 | 12 30 | 0003 | 1.6 | | | | | | | | |
| 68/09/27 | 12 05 | 0003 | 1.1 | | | | | | | | |
| 68/10/30 | 13 40 | 0003 | 1.3 | | | | | | | | |
| 68/11/25 | 12 00 | 0003 | 1.3 | | | | | | | | |
| 68/12/18 | 15 30 | 0003 | 1.6 | | | | | | | | |
| 69/02/25 | 13 55 | 0003 | 1.6 | | | | | | | | |
| 69/03/29 | 15 30 | 0003 | 1.2 | | | | | | | | |
| 69/05/08 | 10 50 | 0003 | 0.8 | | | | | | | | |
| 69/06/10 | 17 05 | 0003 | 1.3 | | | | | | | | |
| 69/07/22 | 13 35 | 0003 | 2.2 | | | | | | | | |
| 69/08/19 | 12 45 | 0003 | 1.1 | | | | | | | | |
| 69/09/17 | 12 10 | 0003 | 1.2 | | | | | | | | |
| 69/10/16 | 12 45 | 0003 | 1.4 | | | | | | | | |
| 69/11/25 | 16 30 | 0003 | 0.8 | | | | | | | | |
| 70/02/13 | 10 50 | 0003 | 1.1 | | | | | | | | |
| 70/03/20 | 16 05 | 0003 | 1.1 | | | | | | | | |
| 70/04/17 | 15 00 | 0003 | 1.1 | | | | | | | | |
| 70/05/19 | 18 35 | 0003 | 1.2 | | | | | | | | |
| 70/07/14 | 16 20 | 0003 | 2.1 | | | | | | | | |
| 70/08/12 | 15 45 | 0003 | 1.5 | | | | | | | | |
| 70/09/10 | 15 45 | 0003 | 1.5 | | | | | | | | |
| 70/10/08 | 14 35 | 0003 | 0.8 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052656 MD1
38 14 28.0 121 33 09.0 2
SACRAMENTO RIVER NEAR RYDE-MD1
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0015 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 33 090 LATITUDE - 38 14 280

MONITORING STATION FOR DELTA-SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT - LOCATED OFF DOCK AT KO-KET RESORT ON EAST LEVEE OF SAC RIVER AND 2.3 MILES DNS FROM THE WALNUT GROVE BRIDGE.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/14

052656 MD1
38 14 28.0 121 33 09.0 2
SACRAMENTO RIVER NEAR RYDE-MD1
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/26 | 09 05 | 0003 | 2.60 | | | 1.20 | 68 | | | | | |
| 74/04/10 | 08 45 | 0003 | 1.80 | | | 0.47 | 80 | | | | | |
| 74/04/25 | 08 45 | 0003 | 4.00 | | | 1.50 | 72 | | | | | |
| 74/05/09 | 09 00 | 0003 | 3.30 | | | 0.90 | 79 | | | | | |
| 74/05/23 | 07 50 | 0003 | 3.30 | | | 1.20 | 73 | | | | | |
| 74/06/06 | 07 45 | 0003 | 3.50 | | | 1.00 | 76 | | | | | |
| 74/06/25 | 10 40 | 0003 | 4.00 | | | 1.20 | 77 | | | | | |
| 74/07/09 | 09 40 | 0003 | 4.00 | | | 2.30 | 63 | | | | | |
| 74/07/23 | 09 55 | 0003 | 5.40 | | | 2.80 | 65 | 0.54 | 1.49 | 0.54 | 0.95 | 0.18 |
| 74/08/07 | 10 00 | 0003 | 3.70 | | | 1.40 | 72 | | | | | |
| 74/08/23 | 11 35 | 0003 | 2.00 | | | 1.30 | 60 | | | | | |
| 74/09/05 | 09 35 | 0003 | 2.40 | | | 1.70 | 59 | | | | | |
| 74/09/19 | 09 15 | 0003 | 2.30 | | | 1.10 | 66 | | | | | |
| 74/10/03 | 08 40 | 0003 | 2.60 | | | 1.70 | 59 | | | | | |
| 74/10/17 | 08 30 | 0003 | 2.30 | | | 1.00 | 69 | | | | | |
| 74/11/07 | 12 45 | 0003 | 1.50 | | | 0.68 | 69 | | | | | |
| 74/11/19 | 10 35 | 0003 | 1.40 | | | 0.81 | 64 | | | | | |
| 74/12/18 | 10 00 | 0003 | 1.00 | | | 0.48 | 68 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052656 MD1
38 14 28.0 121 33 09.0 2
SACRAMENTO RIVER NEAR RYDE-MD1
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

1138UREC 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/10 | 08 45 | 0003 | 88 | 0 | 10 | 10 | 0 | 0 | 223 | 331 |
| 74/04/25 | 08 45 | 0003 | 176 | 0 | 0 | 66 | 0 | 0 | 594 | 836 |
| 74/05/09 | 09 00 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 792 | 880 |
| 74/05/23 | 07 50 | 0003 | 132 | 0 | 44 | 0 | 0 | 0 | 440 | 616 |
| 74/06/06 | 07 45 | 0003 | 242 | 0 | 0 | 22 | 22 | 0 | 572 | 858 |
| 74/06/25 | 10 40 | 0003 | 20 | 0 | 0 | 10 | 41 | 0 | 414 | 485 |
| 74/07/09 | 09 40 | 0003 | 154 | 0 | 0 | 0 | 22 | 0 | 1252 | 1428 |
| 74/07/23 | 09 55 | 0003 | 242 | 0 | 0 | 0 | 0 | 0 | 1452 | 1694 |
| 74/08/07 | 10 00 | 0003 | 0 | 0 | 0 | 0 | 22 | 0 | 682 | 704 |
| 74/08/23 | 11 35 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 440 | 462 |
| 74/09/05 | 09 35 | 0003 | 22 | 0 | 0 | 44 | 0 | 0 | 770 | 836 |
| 74/09/19 | 09 15 | 0003 | 66 | 0 | 22 | 0 | 0 | 0 | 704 | 792 |
| 74/10/03 | 08 40 | 0003 | 22 | 0 | 0 | 0 | 22 | 0 | 836 | 880 |
| 74/10/17 | 08 30 | 0003 | 66 | 0 | 22 | 0 | 0 | 0 | 814 | 902 |
| 74/11/07 | 12 45 | 0003 | 44 | 22 | 0 | 0 | 0 | 0 | 550 | 616 |
| 74/11/19 | 10 35 | 0003 | 22 | 0 | 22 | 0 | 0 | 0 | 506 | 550 |
| 74/12/18 | 10 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 352 | 352 |

STORET RETRIEVAL DATE 77/03/14

052656 MD1
38 14 28.0 121 33 09.0 2
SACRAMENTO RIVER NEAR RYDE-MD1
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/14 | | | 0.0000 | 36.65L | 0.00L | 4.97L |
| 74/04/01 | | | 0.0000 | 84.88L | 0.00L | 8.72L |
| 74/04/16 | | | 0.0000 | 60.74L | 0.00L | 7.97L |
| 74/05/13 | | | 0.0000 | 129.40 | 1.37 | 7.68 |
| 74/05/28 | | | 0.0000 | 244.20 | 1.20 | 19.21 |
| 74/06/26 | | | 0.0000 | 69.92 | 0.09 | 6.85 |
| 74/07/10 | | | 0.0005 | 155.70 | 0.22 | 7.17 |
| 74/07/24 | | | 0.0001 | 109.60 | 0.24 | 2.42 |
| 74/08/08 | | | 0.0001 | 293.40 | 0.98 | 16.71 |
| 74/08/23 | | | 0.0003 | 20.81 | 0.22 | 2.41 |
| 74/09/10 | | | 0.0000 | 43.55 | 0.11 | 16.76 |
| 74/09/23 | | | 0.0000 | 56.79 | 0.37 | 4.15 |
| 74/10/07 | | | 0.0000 | 22.73 | 0.63 | 1.16 |
| 74/10/22 | | | 0.0000 | 18.55 | 0.14 | 1.69 |
| 74/11/19 | | | 0.0000 | 29.40 | 0.31 | 7.31 |

STORET RETRIEVAL DATE 77/03/14

052657 MD2
38 09 03.0 121 35 47.0 2
GEORGIANA SLOUGH NEAR ISLETON
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 35 470 LATITUDE - 38 09 030

MONITORING STATION FOR DELTA-SUSUIN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT -LOCATED ON GEORGIANA SLOUGH, MID-CHANNEL. AT A POINT 2. MILES UPSTREAM FROM THE JUNCTURE OF GEORGIANA SLOUGH AND THE MOKELUMNE RIVER.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPARTMENT OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/14

052657 MD2
38 09 03.0 121 35 47.0 2
GEORGIANA SLOUGH NEAR ISLETON
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/26 | 11 20 | 0003 | 2.30 | | | 1.10 | 66 | | | | | |
| 74/04/10 | 09 30 | 0003 | 1.80 | | | 0.35 | 84 | | | | | |
| 74/04/24 | 08 45 | 0003 | 4.30 | | | 0.79 | 85 | | | | | |
| 74/05/08 | 08 05 | 0003 | 3.00 | | | 0.86 | 78 | | | | | |
| 74/05/23 | 09 05 | 0003 | 2.70 | | | 1.00 | 72 | | | | | |
| 74/06/06 | 08 20 | 0003 | 3.50 | | | 1.00 | 76 | | | | | |
| 74/06/25 | 12 10 | 0003 | 4.10 | | | 1.50 | 73 | | | | | |
| 74/07/09 | 10 40 | 0003 | 3.80 | | | 2.30 | 63 | | | | | |
| 74/07/23 | 10 50 | 0003 | 5.20 | | | 3.50 | 59 | 0.68 | 1.63 | 0.60 | 0.95 | 0.15 |
| 74/08/07 | 10 30 | 0003 | 3.20 | | | 1.90 | 62 | | | | | |
| 74/08/23 | 12 35 | 0003 | 1.50 | | | 0.89 | 63 | | | | | |
| 74/09/04 | 09 25 | 0003 | 1.80 | | | 1.90 | 48 | | | | | |
| 74/09/19 | 10 25 | 0003 | 1.60 | | | 1.70 | 49 | | | | | |
| 74/10/02 | 10 20 | 0003 | 2.00 | | | 1.50 | 56 | | | | | |
| 74/10/17 | 10 10 | 0003 | 1.80 | | | 1.10 | 61 | | | | | |
| 74/11/07 | 13 35 | 0003 | 1.40 | | | 0.61 | 71 | | | | | |
| 74/11/19 | 10 45 | 0003 | 1.20 | | | 0.74 | 63 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052657 MD2
38 09 03.0 121 35 47.0 2
GEORGIANA SLOUGH NEAR ISLETON
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/24 | 08 45 | 0003 | 198 | 0 | 0 | 0 | 22 | 0 | 396 | 616 |
| 74/05/08 | 08 05 | 0003 | 66 | 0 | 0 | 44 | 44 | 0 | 880 | 1034 |
| 74/05/23 | 09 05 | 0003 | 220 | 0 | 0 | 66 | 0 | 0 | 330 | 616 |
| 74/06/06 | 08 20 | 0003 | 330 | 0 | 0 | 0 | 22 | 0 | 594 | 946 |
| 74/06/25 | 12 10 | 0003 | 10 | 5 | 15 | 20 | 0 | 0 | 540 | 590 |
| 74/07/09 | 10 40 | 0003 | 66 | 0 | 0 | 22 | 0 | 0 | 836 | 924 |
| 74/07/23 | 10 50 | 0003 | 176 | 0 | 0 | 22 | 66 | 0 | 2090 | 2354 |
| 74/08/07 | 10 30 | 0003 | 110 | 0 | 0 | 0 | 22 | 22 | 1122 | 1276 |
| 74/08/23 | 12 35 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 550 | 638 |
| 74/09/04 | 09 25 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 792 | 858 |
| 74/09/19 | 10 25 | 0003 | 1452 | 0 | 0 | 0 | 22 | 0 | 770 | 2244 |
| 74/10/02 | 10 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 374 | 374 |
| 74/10/17 | 10 10 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 594 | 638 |
| 74/11/07 | 13 35 | 0003 | 0 | 0 | 0 | 22 | 0 | 0 | 506 | 528 |
| 74/11/19 | 10 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 660 | 660 |

STORET RETRIEVAL DATE 77/03/14

052657 MD2
38 09 03.0 121 35 47.0 2
GEORGIANA SLOUGH NEAR ISLETON
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/14 | | | 0.0000 | 36.42L | 0.00L | 3.70L |
| 74/04/04 | | | 0.0000 | 35.33L | 0.00L | 8.38L |
| 74/04/19 | | | 0.0000 | 81.20 | 0.62 | 9.22 |
| 74/05/15 | | | 0.0000 | 96.27 | 1.67 | 11.02 |
| 74/05/31 | | | 0.0000 | 139.90 | 0.57 | 18.28 |
| 74/06/11 | | | 0.0000 | 62.57 | 0.24 | 10.84 |
| 74/06/25 | | | 0.0000 | 84.47 | 0.14 | 5.53 |
| 74/07/15 | | | 0.0000 | 106.60 | 1.04 | 10.66 |
| 74/07/29 | | | 0.0000 | 59.59 | 0.27 | 5.30 |
| 74/08/09 | | | 0.0000 | 81.49 | 0.19 | 1.43 |
| 74/08/28 | | | 0.0000 | 65.55 | 0.81 | 1.18 |
| 74/09/12 | | | 0.0000 | 22.02 | 0.19 | 2.36 |
| 74/09/23 | | | 0.0000 | 19.91 | 0.11 | 4.01 |
| 74/10/10 | | | 0.0000 | 21.78 | 0.07 | 1.71 |
| 74/10/25 | | | 0.0000 | 26.73 | 0.78 | 2.34 |
| 74/11/22 | | | 0.0000 | 23.39 | 0.21 | 2.40 |

STORET RETRIEVAL DATE 77/03/14

052658 MD3
38 08 44.0 121 33 24.0 2
N.F.MOKELUMNE R @ BROAD SLOUGH
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 33 240 LATITUDE - 38 08 440

MONITORING STATION FOR DELTA-SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT - LOCATED IN THE NORTH FORK OF THE MOKELUMNE RIVER, MID-CHANNEL, AT A POINT 2.5 MILES UPSTREAM FROM THE HWY 12 BRIDGE OVER THE MOKELUMNE RIVER AND 500 FEET ABOVE THE OUTLET PIPES FROM BROAD SLOUGH.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/14

052658 MD3
38 08 44.0 121 33 24.0 2
N.F.MOKELUMNE R @ BROAD SLOUGH
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/26 | 10 45 | 0003 | 4.00 | | | 1.50 | 72 | | | | | |
| 74/04/10 | 08 55 | 0003 | 2.70 | | | 0.94 | 75 | | | | | |
| 74/04/24 | 08 15 | 0003 | 4.90 | | | 0.75 | 87 | | | | | |
| 74/05/08 | 07 35 | 0003 | 2.90 | | | 1.20 | 70 | | | | | |
| 74/05/23 | 08 40 | 0003 | 2.60 | | | 1.00 | 71 | | | | | |
| 74/06/06 | 07 50 | 0003 | 3.00 | | | 1.40 | 68 | | | | | |
| 74/06/25 | 11 35 | 0003 | 3.00 | | | 2.10 | 59 | | | | | |
| 74/07/09 | 10 10 | 0003 | 3.30 | | | 2.50 | 57 | | | | | |
| 74/07/23 | 10 20 | 0003 | 4.40 | | | 3.30 | 57 | 0.80 | 2.02 | 0.65 | 1.22 | 0.20 |
| 74/08/07 | 10 05 | 0003 | 4.00 | | | 2.20 | 64 | | | | | |
| 74/08/23 | 12 10 | 0003 | 1.50 | | | 1.00 | 60 | | | | | |
| 74/09/04 | 09 00 | 0003 | 1.30 | | | 1.10 | 55 | | | | | |
| 74/09/19 | 09 55 | 0003 | 1.20 | | | 1.40 | 46 | | | | | |
| 74/10/02 | 09 50 | 0003 | 1.30 | | | 1.50 | 48 | | | | | |
| 74/10/17 | 09 40 | 0003 | 1.50 | | | 1.30 | 53 | | | | | |
| 74/11/07 | 13 10 | 0003 | 0.86 | | | 0.29 | 74 | | | | | |
| 74/11/19 | 10 20 | 0003 | 1.20 | | | 0.85 | 59 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052658 MD3
38 08 44.0 121 33 24.0 2
N.F.MOKELUMNE R @ BROAD SLOUGH
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/24 | 08 15 | 0003 | 66 | 22 | 0 | 22 | 88 | 0 | 924 | 1122 |
| 74/05/08 | 07 35 | 0003 | 110 | 0 | 0 | 0 | 22 | 0 | 836 | 968 |
| 74/05/23 | 08 40 | 0003 | 242 | 0 | 0 | 88 | 0 | 0 | 374 | 704 |
| 74/06/06 | 07 50 | 0003 | 242 | 0 | 0 | 22 | 22 | 0 | 198 | 484 |
| 74/06/25 | 11 35 | 0003 | 15 | 5 | 0 | 0 | 15 | 0 | 351 | 386 |
| 74/07/09 | 10 10 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 968 | 1056 |
| 74/07/23 | 10 20 | 0003 | 110 | 0 | 0 | 22 | 0 | 0 | 1408 | 1540 |
| 74/08/07 | 10 05 | 0003 | 44 | 0 | 0 | 22 | 22 | 0 | 1254 | 1342 |
| 74/08/23 | 12 10 | 0003 | 110 | 0 | 0 | 22 | 0 | 0 | 616 | 748 |
| 74/09/04 | 09 00 | 0003 | 66 | 0 | 0 | 0 | 22 | 0 | 704 | 792 |
| 74/09/19 | 09 55 | 0003 | 22 | 0 | 22 | 0 | 22 | 0 | 616 | 682 |
| 74/10/02 | 09 50 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 682 | 726 |
| 74/10/17 | 09 40 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 880 | 902 |
| 74/11/07 | 13 10 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 616 | 704 |
| 74/11/19 | 10 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 726 | 726 |

STORET RETRIEVAL DATE 77/03/14

052658 MD3
38 08 44.0 121 33 24.0 2
N.F.MOKELUMNE R @ BROAD SLOUGH
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140992

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/19 | | | 0.0000 | 73.79 | 0.29 | 10.28 |
| 74/04/04 | | | 0.0001 | 43.47 | 2.90 | 10.40 |
| 74/04/19 | | | 0.0001 | 89.64 | 0.27 | 4.32 |
| 74/05/15 | | | 0.0000 | 95.73 | 1.46 | 12.51 |
| 74/05/31 | | | 0.0000 | 138.90 | 1.82 | 8.06 |
| 74/06/11 | | | 0.0000 | 56.38 | 0.25 | 7.79 |
| 74/06/25 | | | 0.0000 | 68.11 | 0.13 | 3.07 |
| 74/07/15 | | | 0.0000 | 176.10 | 1.22 | 11.37 |
| 74/07/29 | | | 0.0000 | 40.34 | 0.43 | 2.98 |
| 74/08/09 | | | 0.0000 | 40.88 | 0.24 | 4.46 |
| 74/08/28 | | | 0.0000 | 38.66 | 0.34 | 7.49 |
| 74/09/12 | | | 0.0000 | 46.24 | 0.89 | 4.34 |
| 74/09/20 | | | 0.0000 | 14.34 | 0.66 | 4.45 |
| 74/10/10 | | | 0.0000 | 36.40 | 0.65 | 1.18 |
| 74/10/25 | | | 0.0000 | 21.80 | 0.04 | 1.56 |
| 74/11/22 | | | 0.0000 | 29.55 | 0.04 | 2.62 |

STORET RETRIEVAL DATE 77/03/14

052524 P1
38 16 40.0 121 29 50.0 2
SNODGRASS SL @ TWIN CITIES ROAD
06067 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE -121 29 50 LATITUDE 38 16 40

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED IN A SHALLOW SLOUGH APPROX. THREE MILES DOWN STREAM FROM THE FLOOD RELEASE GATES OF THE PROPOSED PERIPHERAL CANAL

SAMPLING POINT - IN SNODGRASS SLOUGH, FROM SOUTH SIDE OF TWIN CITIES ROAD BRIDGE, AT D.W.R. TIDE GAGE.

SAMPLES COLLECTED BY THE U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052524 P1
38 16 40.0 121 29 50.0 2
SNODGRASS SL @ TWIN CITIES ROAD
06067 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 14 10 | 0003 | 2.51C | | | | | | | | | |
| 69/02/10 | 13 20 | 0003 | 4.33C | | | | | | | | | |
| 69/02/13 | 11 40 | 0003 | 3.27C | | | | | | | | | |
| 69/04/16 | 13 45 | 0003 | 31.92C | | | | | | | | | |
| 69/05/23 | 12 50 | 0003 | 6.08C | | | | | | | | | |
| 69/06/10 | 12 50 | 0003 | 4.48C | | | | | | | | | |
| 69/07/18 | 12 50 | 0003 | 11.40C | | | | | | | | | |
| 69/08/08 | 12 45 | 0003 | 14.44C | | | | | | | | | |
| 69/10/24 | 14 20 | 0003 | 7.60 | 0.00 | 2.70 | 4.10 | 64 | | | | | |
| 69/11/14 | 12 50 | 0003 | 7.60 | 0.00 | 1.70 | 3.50 | 69 | | | | | |
| 69/12/18 | 14 10 | 0003 | 2.96C | | | | | | | | | |
| 70/01/12 | 13 50 | 0003 | 3.34C | | | | | | | | | |
| 70/02/18 | 12 20 | 0003 | 7.22C | | | | | | | | | |
| 70/03/13 | 10 50 | 0003 | 19.76C | | | | | | | | | |
| 70/04/23 | 14 05 | 0003 | 25.84C | | | | | | | | | |
| 70/05/13 | 13 55 | 0003 | 14.00 | 0.63 | 2.80 | 6.00 | 70 | | | | | |
| 70/06/11 | 13 15 | 0003 | 7.70 | 0.39 | 1.50 | 7.70 | 50 | | | | | |
| 70/07/10 | 12 25 | 0003 | 5.30 | 0.60 | 0.72 | 6.60 | 44 | | | | | |
| 70/08/12 | 13 05 | 0003 | 15.00 | 0.86 | 2.20 | 6.20 | 71 | | | | | |
| 70/09/18 | 12 00 | 0003 | 8.10 | 0.31 | 0.85 | 4.60 | 64 | | | | | |
| 70/10/14 | 14 35 | 0003 | 7.90 | 0.06 | 1.00 | 3.00 | 73 | | | | | |
| 70/11/17 | 11 30 | 0003 | 2.20 | | | 1.70 | 57 | | | | | |
| 71/02/18 | 13 40 | 0003 | 20.00 | 0.91 | 5.30 | 8.10 | 71 | | | | | |
| 71/03/23 | 13 10 | 0003 | 26.00 | 0.57 | 4.00 | 6.90 | 79 | | | | | |
| 71/04/29 | 14 20 | 0003 | 15.00 | 0.00 | 3.70 | 6.50 | 69 | | | | | |
| 71/05/19 | 13 25 | 0003 | 8.00 | 0.05 | 1.50 | 4.30 | 65 | | | | | |
| 71/06/10 | 14 00 | 0003 | 9.00 | 0.70 | 0.58 | 4.50 | 66 | | | | | |
| 71/07/16 | 13 45 | 0003 | 15.00 | 1.20 | 3.10 | 4.50 | 77 | | | | | |
| 71/08/10 | 13 00 | 0003 | 4.00 | 0.17 | 1.30 | 3.30 | 54 | | | | | |
| 71/09/14 | 14 00 | 0003 | 14.00 | 0.21 | 2.40 | 4.60 | 75 | | | | | |
| 71/10/06 | 13 30 | 0003 | 6.20 | 0.25 | 1.30 | 4.40 | 58 | | | | | |
| 71/11/12 | 13 15 | 0003 | 3.80 | 0.24 | 1.30 | 2.10 | 63 | | | | | |
| 71/12/10 | 13 55 | 0003 | 1.40 | 0.02 | 0.31 | 0.94 | 59 | | | | | |
| 72/01/20 | 13 20 | 0003 | 2.70 | 0.20 | 0.97 | 1.50 | 63 | | | | | |
| 72/02/24 | 14 00 | 0003 | 4.40 | 0.05 | 0.81 | 1.20 | 78 | | | | | |
| 72/03/21 | 14 10 | 0003 | 8.40 | 0.41 | 1.60 | 2.10 | 80 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052524 P1
38 16 40.0 121 29 50.0 2
SNODGRASS SL @ TWIN CITIES ROAD
06067 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/04/21 | 13 40 | 0003 | 11.00 | 0.47 | 1.70 | 4.10 | 72 | | | | | |
| 72/05/31 | 13 50 | 0003 | 8.60 | 0.13 | 0.86 | 5.50 | 61 | | | | | |
| 72/06/19 | 15 00 | 0003 | 9.40 | 0.52 | 1.90 | 4.50 | 67 | | | | | |
| 72/07/14 | 15 10 | 0003 | 16.00 | 1.40 | 2.10 | 5.90 | 72 | | | | | |
| 72/08/18 | 14 20 | 0003 | 12.00 | 0.56 | 3.80 | 3.70 | 76 | | | | | |
| 72/09/26 | 14 15 | 0003 | 6.80 | 0.25 | 0.00 | 3.60 | 65 | | | | | |
| 72/10/17 | 14 20 | 0003 | 2.90 | 0.10 | 0.00 | 2.30 | 55 | | | | | |
| 72/11/22 | 11 30 | 0003 | 2.30 | 0.33 | 0.81 | 2.00 | 53 | | | | | |
| 72/12/20 | 14 05 | 0003 | 1.20 | 0.30 | 0.69 | 1.80 | 40 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/26 | 14 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/10/17 | 14 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/11/22 | 11 30 | 0003 | 5 | 0 | 0 | 0 | 0 | 0 | 45 | 50 |
| 72/12/20 | 14 05 | 0003 | 75 | 0 | 0 | 0 | 2 | 0 | 46 | 123 |

STORET RETRIEVAL DATE 77/03/14

052524 P1
38 16 40.0 121 29 50.0 2
SNODGRASS SL @ TWIN CITIES ROAD
06067 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/17 | 15 30 | 0003 | 1.8 | | | | | | | | |
| 68/08/14 | 16 35 | 0003 | 2.1 | | | | | | | | |
| 68/09/12 | 10 15 | 0003 | 0.5 | | | | | | | | |
| 68/11/13 | 15 40 | 0003 | | 1.3 | | | | | | | |
| 68/12/11 | 14 10 | 0003 | 1.7 | | | | | | | | |
| 69/02/10 | 13 20 | 0003 | 2.0 | | | | | | | | |
| 69/02/13 | 11 40 | 0003 | 2.4 | | | | | | | | |
| 69/03/25 | 13 25 | 0003 | 2.8 | | | | | | | | |
| 69/04/16 | 13 45 | 0003 | 3.9 | | | | | | | | |
| 69/05/23 | 12 50 | 0003 | 1.4 | | | | | | | | |
| 69/06/10 | 12 50 | 0003 | 1.3 | | | | | | | | |
| 69/07/18 | 12 50 | 0003 | 2.1 | | | | | | | | |
| 69/08/08 | 12 45 | 0003 | 1.9 | | | | | | | | |
| 69/09/18 | 13 30 | 0003 | 1.0 | | | | | | | | |
| 69/10/24 | 14 20 | 0003 | 1.0 | | | | | | | | |
| 69/11/14 | 12 50 | 0003 | 1.6 | | | | | | | | |
| 69/12/18 | 14 10 | 0003 | 1.0 | | | | | | | | |
| 70/01/12 | 13 50 | 0003 | 1.0 | | | | | | | | |
| 70/02/18 | 12 20 | 0003 | 1.7 | | | | | | | | |
| 70/03/13 | 10 50 | 0003 | 2.0 | | | | | | | | |
| 70/04/23 | 14 05 | 0003 | 2.7 | | | | | | | | |
| 70/05/13 | 13 55 | 0003 | 2.3 | | | | | | | | |
| 70/06/11 | 13 15 | 0003 | 0.9 | | | | | | | | |
| 70/07/10 | 12 25 | 0003 | 0.8 | | | | | | | | |
| 70/08/12 | 13 05 | 0003 | 1.9 | | | | | | | | |
| 70/09/18 | 12 00 | 0003 | 1.6 | | | | | | | | |
| 70/10/14 | 14 35 | 0003 | 1.4 | | | | | | | | |
| 70/11/17 | 11 30 | 0003 | 1.2 | | | | | | | | |
| 71/02/18 | 13 40 | 0003 | 1.5 | | | | | | | | |
| 71/03/23 | 13 10 | 0003 | 2.1 | | | | | | | | |
| 71/04/29 | 14 20 | 0003 | 1.7 | 2.1 | | | | | | | |
| 71/05/19 | 09 00 | 0003 | 0.8 | | | | | | | | |
| | 13 25 | 0003 | 0.8 | | | | | | | | |
| 71/06/10 | 14 00 | 0003 | 1.3 | | | | | | | | |
| 71/07/16 | 13 45 | 0003 | 3.1 | | | | | | | | |
| 71/08/10 | 13 00 | 0003 | 1.2 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052524 P1
38 16 40.0 121 29 50.0 2
SNODGRASS SL @ TWIN CITIES ROAD
06067 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/09/14 | 14 00 | 0003 | 2.0 | | | | | | | | |
| 71/10/06 | 13 30 | 0003 | | 1.4 | | | | | | | |
| 71/11/12 | 13 15 | 0003 | 1.3 | | | | | | | | |
| 71/12/10 | 13 55 | 0003 | 1.1 | | | | | | | | |
| 72/01/20 | 13 20 | 0003 | 1.2 | | | | | | | | |
| 72/02/24 | 14 00 | 0003 | 1.5 | | | | | | | | |
| 72/06/19 | 15 00 | 0003 | | | | 6.5 | | | | | |
| 72/08/18 | 14 20 | 0003 | | | 3.0 | 9.6 | | | | | 13.6 |

STORET RETRIEVAL DATE 77/03/14

052525 P2
38 15 20.0 121 26 21.0 2
MOKELUMNE RIVER AT THORNTON-P2
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 26 20 LATITUDE - 38 15 20

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED IN THE MOKELUMNE RIVER, APPROX. ONE HALF MILE E UPSTREAM FROM THE MOKELUMNE RIVER SYPHON OF THE PROPOSED PERIPHERAL CANAL.

SAMPLING POINT - IN THE MOKELUMNE RIVER, FROM FLOATING DOCK 50 YARDS FROM SOUTHWEST CORNER OF BRIDGE ON THORNTON ROAD.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052525 P2
38 15 20.0 121 26 21.0 2
MOKELUMNE RIVER AT THORNTON-P2
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 13 35 | 0003 | 1.22C | | | | | | | | | |
| 69/02/10 | 12 30 | 0003 | 3.88C | | | | | | | | | |
| 69/02/13 | 11 20 | 0003 | 3.27C | | | | | | | | | |
| 69/04/16 | 13 00 | 0003 | 2.36C | | | | | | | | | |
| 69/05/23 | 11 20 | 0003 | 1.06C | | | | | | | | | |
| 69/06/10 | 11 45 | 0003 | 1.14C | | | | | | | | | |
| 69/07/18 | 11 10 | 0002 | 1.75C | | | | | | | | | |
| 69/08/08 | 11 35 | 0003 | 2.51C | | | | | | | | | |
| 69/10/24 | 13 50 | 0003 | 0.63C | | | | | | | | | |
| 69/11/14 | 11 40 | 0003 | 0.63C | | | | | | | | | |
| 69/12/18 | 13 50 | 0003 | 1.29C | | | | | | | | | |
| 70/01/12 | 13 10 | 0003 | 2.66C | | | | | | | | | |
| 70/03/13 | 10 15 | 0003 | 1.75C | | | | | | | | | |
| 70/04/23 | 13 20 | 0003 | 4.10C | | | | | | | | | |
| 70/05/13 | 13 05 | 0003 | 1.80 | | | 0.95 | | | | | | |
| 70/06/11 | 12 35 | 0003 | 2.20 | | | 2.10 | | | | | | |
| 70/07/10 | 11 30 | 0003 | 2.60 | 0.11 | 0.26 | 2.80 | | | | | | |
| 70/08/12 | 12 30 | 0003 | 1.70 | 0.11 | 0.54 | 1.70 | | | | | | |
| 70/09/18 | 11 25 | 0003 | 5.00 | 0.38 | 0.00 | 1.80 | | | | | | |
| 70/10/14 | 14 00 | 0003 | 1.10 | | | 0.52 | | | | | | |
| 71/02/18 | 13 00 | 0003 | 1.10 | | | | | | | | | |
| 71/03/23 | 12 35 | 0003 | 2.20 | 0.00 | 0.00 | 1.60 | 58 | | | | | |
| 71/04/29 | 13 25 | 0003 | 1.20 | 0.00 | 0.00 | 0.58 | 66 | | | | | |
| 71/05/19 | 12 45 | 0003 | 1.30 | 0.02 | 0.15 | 0.43 | 74 | | | | | |
| 71/06/10 | 13 15 | 0003 | 1.10 | 0.00 | 0.00 | 0.48 | 69 | | | | | |
| 71/07/16 | 12 50 | 0003 | 1.90 | 0.00 | 0.00 | 1.30 | 59 | | | | | |
| 71/08/10 | 12 15 | 0003 | 11.00 | 0.77 | 2.40 | 6.00 | 64 | | | | | |
| 71/09/14 | 13 25 | 0003 | 1.70 | 0.02 | 0.00 | 1.30 | 56 | | | | | |
| 71/10/06 | 12 50 | 0003 | 1.30 | 0.13 | 0.70 | 0.85 | 61 | | | | | |
| 71/11/12 | 12 40 | 0003 | 1.90 | 0.27 | 0.84 | 1.10 | 63 | | | | | |
| 71/12/10 | 13 15 | 0003 | 0.46 | 0.05 | 0.14 | 0.31 | 59 | | | | | |
| 72/01/20 | 12 55 | 0003 | 1.60 | 0.00 | 1.30 | 0.63 | 71 | | | | | |
| 72/02/24 | 13 25 | 0003 | 1.60 | 0.11 | 0.21 | 0.79 | 67 | | | | | |
| 72/03/21 | 13 20 | 0003 | 0.91 | 0.12 | 0.58 | 0.41 | 69 | | | | | |
| 72/05/31 | 13 00 | 0003 | 5.80 | 0.02 | 0.63 | 1.90 | 74 | | | | | |
| 72/06/19 | 14 10 | 0003 | 44.00 | 0.42 | 5.10 | 10.00 | 81 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052525 P2
38 15 20.0 121 26 21.0 2
MOKELUMNE RIVER AT THORNTON-P2
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/07/14 | 14 20 | 0003 | 63.00 | 1.10 | 14.00 | 16.00 | 79 | | | | | |
| 72/08/18 | 13 40 | 0003 | 22.00 | 0.00 | 5.40 | 5.90 | 79 | | | | | |
| 72/09/26 | 13 30 | 0003 | 11.00 | 0.54 | 0.25 | 5.30 | 67 | | | | | |
| 72/10/17 | 13 25 | 0003 | 3.60 | 0.20 | 0.11 | 2.50 | 58 | | | | | |
| 72/11/22 | 10 45 | 0003 | 7.20 | 0.54 | 1.00 | 2.40 | 74 | | | | | |
| 72/12/20 | 13 05 | 0003 | 1.90 | 0.73 | 0.92 | 3.30 | 37 | | | | | |
| 73/01/23 | 13 10 | 0003 | 1.00 | | | 0.91 | 55 | | | | | |
| 73/02/21 | 13 30 | 0003 | 1.70 | | | 0.48 | 79 | | | | | |
| 73/03/07 | 10 10 | 0003 | 1.60 | | | 1.00 | 61 | | | | | |
| 73/04/04 | 09 20 | 0003 | 1.60 | | | 0.85 | 66 | 0.48 | 0.46 | 0.17 | 0.02M | 0.01M |
| 73/05/02 | 09 10 | 0003 | 1.20 | | | 0.32 | 80 | 0.54M | 0.23 | 0.10 | 0.77 | 0.26 |
| 73/06/06 | 11 45 | 0003 | 1.40 | | | 1.00 | 59 | 0.12 | 0.93 | 0.34 | 0.81 | 0.28 |
| 73/07/03 | 11 35 | 0003 | 2.20 | | | 1.40 | 61 | 0.20 | 1.01 | 0.26 | 0.81 | 0.28 |
| 73/08/01 | 11 30 | 0003 | 1.70 | | | 1.50 | 53 | 0.16M | 0.48 | 0.36 | 0.63 | 0.21 |
| 73/08/29 | 10 55 | 0003 | 2.00 | | | 1.00 | 66 | 0.40 | 0.32 | 0.10 | 0.08M | 0.03M |
| 73/09/26 | 09 05 | 0003 | 1.20 | | | 0.67 | 65 | 0.79 | 1.28 | 0.41 | 0.49 | 0.17 |
| 73/10/16 | 12 40 | 0003 | 0.92 | | | 1.10 | 45 | | | | | |
| 73/11/14 | 11 55 | 0003 | 2.00 | | | 2.10 | 48 | | | | | |
| 73/12/12 | 10 25 | 0003 | 1.10 | | | 3.90 | 22 | | | | | |
| 74/01/10 | 12 00 | 0003 | 1.40 | | | 0.70 | 68 | | | | | |
| 74/02/07 | 10 15 | 0003 | 1.30 | | | 0.70 | 66 | | | | | |
| 74/03/25 | 15 35 | 0003 | 3.00 | | | 1.20 | 72 | | | | | |
| 74/04/09 | 08 05 | 0003 | 1.60 | | | 0.39 | 81 | | | | | |
| 74/04/24 | 07 10 | 0003 | 1.00 | | | 0.66 | 62 | | | | | |
| 74/05/08 | 07 00 | 0003 | 1.60 | | | 0.74 | 70 | | | | | |
| 74/05/22 | 06 10 | 0003 | 0.77 | | | 0.73 | 51 | | | | | |
| 74/06/05 | 06 05 | 0003 | 0.61 | | | 0.89 | 41 | | | | | |
| 74/06/24 | 09 15 | 0003 | 1.80 | | | 1.00 | 64 | | | | | |
| 74/07/08 | 08 45 | 0003 | 1.50 | | | 1.20 | 55 | | | | | |
| 74/07/22 | 08 55 | 0003 | 2.30 | | | 1.50 | 60 | | | | | |
| 74/08/06 | 08 15 | 0003 | 1.60 | | | 1.40 | 54 | | | | | |
| 74/08/22 | 10 10 | 0003 | 1.00 | | | 1.00 | 52 | | | | | |
| 74/09/04 | 08 10 | 0003 | 1.20 | | | 0.79 | 62 | | | | | |
| 74/09/18 | 08 00 | 0003 | 1.00 | | | 0.71 | 59 | | | | | |
| 74/10/02 | 07 25 | 0003 | 0.61 | | | 1.40 | 30 | | | | | |
| 74/10/16 | 07 15 | 0003 | 0.61 | | | 0.77 | 44 | | | | | |
| 74/11/06 | 10 50 | 0003 | 0.61 | | | 0.77 | 44 | | | | | |
| 74/11/18 | 09 00 | 0003 | 0.86 | | | 0.43 | 66 | | | | | |
| 74/12/17 | 08 35 | 0003 | 1.10 | | | 0.60 | 65 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052525 P2
38 15 20.0 121 26 21.0 2
MOKELUMNE RIVER AT THORNTON-P2
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/26 | 13 30 | 0003 | 30 | 10 | 0 | 0 | 0 | 10 | 202 | 252 |
| 72/10/17 | 13 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/11/22 | 10 45 | 0003 | 293 | 0 | 71 | 3475 | 0 | 0 | 10 | 3849 |
| 72/12/20 | 13 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/01/23 | 13 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/21 | 13 30 | 0003 | 20 | 5 | 10 | 0 | 0 | 0 | 258 | 293 |
| 73/04/04 | 09 20 | 0003 | 30 | 0 | 10 | 0 | 0 | 0 | 293 | 333 |
| 73/05/02 | 09 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 216 | 216 |
| 73/06/06 | 11 45 | 0003 | 48 | 0 | 0 | 84 | 36 | 0 | 504 | 672 |
| 73/07/03 | 11 35 | 0003 | 36 | 0 | 0 | 0 | 48 | 0 | 324 | 408 |
| 73/08/01 | 11 30 | 0003 | 120 | 0 | 0 | 0 | 48 | 0 | 252 | 420 |
| 73/08/29 | 10 55 | 0003 | 0 | 0 | 0 | 0 | 24 | 0 | 144 | 168 |
| 73/09/26 | 09 05 | 0003 | 10 | 0 | 29 | 0 | 24 | 0 | 35 | 98 |
| 73/11/14 | 11 55 | 0003 | 40 | 0 | 0 | 0 | 10 | 0 | 151 | 201 |
| 74/01/10 | 12 00 | 0003 | 40 | 35 | 5 | 0 | 15 | 0 | 90 | 185 |
| 74/02/07 | 10 15 | 0003 | 20 | 0 | 81 | 0 | 20 | 0 | 50 | 171 |
| 74/04/24 | 07 10 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 264 | 308 |
| 74/05/08 | 07 00 | 0003 | 132 | 0 | 22 | 0 | 0 | 0 | 550 | 704 |
| 74/05/22 | 06 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 110 | 110 |
| 74/06/05 | 06 05 | 0003 | 0 | 0 | 0 | 0 | 22 | 0 | 176 | 198 |
| 74/06/24 | 09 15 | 0003 | 51 | 4 | 19 | 0 | 55 | 0 | 80 | 209 |
| 74/07/22 | 08 55 | 0003 | 198 | 0 | 0 | 0 | 44 | 0 | 550 | 748 |
| 74/08/06 | 08 15 | 0003 | 0 | 0 | 22 | 66 | 0 | 0 | 638 | 726 |
| 74/08/22 | 10 10 | 0003 | 0 | 0 | 22 | 0 | 0 | 0 | 528 | 550 |
| 74/09/04 | 08 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 22 |
| 74/09/18 | 08 00 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 572 | 616 |
| 74/10/02 | 07 25 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 154 | 176 |
| 74/10/16 | 07 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 418 | 418 |
| 74/11/06 | 10 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 836 | 836 |
| 74/11/18 | 09 00 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 374 | 396 |
| 74/12/17 | 08 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 374 | 374 |

STORET RETRIEVAL DATE 77/03/14

052525 P2
38 15 20.0 121 26 21.0 2
MOKELUMNE RIVER AT THORNTON-P2
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/04/10 | | | 0.0003 | 7.00 | 1.41 | 6.00 |
| 73/05/09 | | | 0.0002 | 47.00 | 1.65 | 8.00 |
| 73/06/07 | | | 0.0001 | 27.00 | 0.69 | 7.00 |
| 73/07/09 | | | 0.0000 | 615.00 | 2.49 | 33.00 |
| 73/08/13 | | | 0.0053 | 158.00 | 0.27 | 6.00 |
| 73/09/11 | | | 0.0000 | 291.00 | 0.54 | 2.00 |
| 73/10/05 | | | 174.0000 | 1738.00 | 6.31 | 4375.00 |
| 73/11/14 | | | | 52.00 | 0.16 | 16.00 |
| 74/03/19 | | | 0.0000 | 40.92 | 1.34 | 15.46 |
| 74/04/04 | | | 0.0000 | 47.14 | 1.27 | 7.79 |
| 74/04/19 | | | 0.0000 | 60.52 | 1.32 | 13.45 |
| 74/05/15 | | | 0.0000 | 77.61 | 3.46 | 13.12 |
| 74/05/31 | | | 0.0001 | 84.61 | 0.86 | 4.67 |
| 74/06/11 | | | 0.0001 | 15.76 | 0.75 | 3.64 |
| 74/06/25 | | | 0.0001 | 20.92 | 0.62 | 0.65 |
| 74/07/15 | | | 0.0000 | 41.23 | 0.16 | 5.40 |
| 74/07/29 | | | 0.0000 | 718.80 | 2.13 | 87.69 |
| 74/08/09 | | | 0.0000 | 0.17L | 0.24L | 0.29L |
| 74/08/28 | | | 0.0000 | 44.59 | 0.70 | 2.42 |
| 74/09/12 | | | 0.0000 | 34.08 | 0.07 | 4.46 |
| 74/09/19 | | | 0.0000 | 24.05 | 0.04 | 1.15 |
| 74/10/10 | | | 0.0000 | 66.85 | 0.11 | 6.01 |
| 74/10/25 | | | 0.0000 | 7.19 | 0.06 | 2.24 |
| 74/11/22 | | | 0.0000 | 1.10 | 0.02 | 0.03 |

STORET RETRIEVAL DATE 77/03/14

052525 P2
38 15 20.0 121 26 21.0 2
MOKELUMNE RIVER AT THORNTON-P2
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMRNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/17 | 15 00 | 0003 | 0.6 | | | | | | | | |
| 68/08/14 | 16 10 | 0003 | 2.1 | | | | | | | | |
| 68/09/12 | 09 30 | 0003 | 1.1 | | | | | | | | |
| 68/11/13 | 15 05 | 0003 | | 1.1 | | | | | | | |
| 68/12/11 | 13 35 | 0003 | 1.4 | | | | | | | | |
| 69/02/10 | 12 30 | 0003 | 0.4 | | | | | | | | |
| 69/02/13 | 11 20 | 0003 | 2.2 | | | | | | | | |
| 69/03/25 | 12 45 | 0003 | 1.1 | | | | | | | | |
| 69/04/16 | 13 00 | 0003 | 0.5 | | | | | | | | |
| 69/05/23 | 11 20 | 0003 | 1.5 | | | | | | | | |
| 69/06/10 | 11 45 | 0003 | 1.1 | | | | | | | | |
| 69/07/18 | 11 10 | 0002 | 1.2 | | | | | | | | |
| 69/08/08 | 11 35 | 0003 | 1.1 | | | | | | | | |
| 69/09/18 | 12 45 | 0003 | 0.7 | | | | | | | | |
| 69/10/24 | 13 50 | 0003 | 0.4 | | | | | | | | |
| 69/11/14 | 11 40 | 0003 | 0.7 | | | | | | | | |
| 69/12/18 | 13 50 | 0003 | 0.5 | | | | | | | | |
| 70/01/12 | 13 10 | 0003 | 1.0 | | | | | | | | |
| 70/02/18 | 11 00 | 0003 | 1.2 | | | | | | | | |
| 70/03/13 | 10 15 | 0003 | 1.5 | | | | | | | | |
| 70/04/23 | 13 20 | 0003 | 0.9 | | | | | | | | |
| 70/05/13 | 13 05 | 0003 | 0.8 | | | | | | | | |
| 70/06/11 | 12 35 | 0003 | 0.8 | | | | | | | | |
| 70/07/10 | 11 30 | 0003 | 0.8 | | | | | | | | |
| 70/08/12 | 12 30 | 0003 | 0.8 | | | | | | | | |
| 70/09/18 | 11 25 | 0003 | 1.2 | | | | | | | | |
| 70/10/14 | 14 00 | 0003 | 0.4 | | | | | | | | |
| 70/11/17 | 10 40 | 0003 | 0.6 | | | | | | | | |
| 71/02/18 | 13 00 | 0003 | 0.8 | | | | | | | | |
| 71/03/23 | 12 35 | 0003 | 0.7 | | | | | | | | |
| 71/04/29 | 13 25 | 0003 | 0.7 | 0.8 | | | | | | | |
| 71/05/19 | 12 45 | 0003 | 0.2 | | | | | | | | |
| 71/06/10 | 13 15 | 0003 | 0.5 | | | | | | | | |
| 71/07/16 | 12 50 | 0003 | 1.4 | | | | | | | | |
| 71/08/10 | 12 15 | 0003 | 1.7 | | | | | | | | |
| 71/09/14 | 13 25 | 0003 | 1.0 | | | | | | | | |
| 71/10/06 | 12 50 | 0003 | | 0.5 | | | | | | | |
| 71/11/12 | 12 40 | 0003 | 1.5 | | | | | | | | |
| 71/12/10 | 13 15 | 0003 | 1.1 | | | | | | | | |
| 72/01/20 | 12 55 | 0003 | 0.8 | | | | | | | | |
| 72/02/24 | 13 25 | 0003 | 2.5 | | | | | | | | |
| 72/06/19 | 14 10 | 0003 | 2.8 | | | 7.2 | | | | | |
| 72/08/18 | 13 40 | 0003 | | | 2.8 | 3.4 | | | | | 6.4 |

STORET RETRIEVAL DATE 77/03/14

052536 P13
38 19 00.0 121 30 00.0 2
SNODGRASS SL @ SP RAIL ROAD BR.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 30 00 LATITUDE - 38 19 00

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED IN A SHALLOW SLOUGH, APPROXIMATELY 100 YARDS DOWN STREAM FROM THE PROPOSED PERIPHERAL CANAL ALIGNMENT.

SAMPLING POINT - IN SNODGRASS SLOUGH, MIDCHANNEL, FROM WEST SIDE OF SOUTHERN PACIFIC R.R. BRIDGE.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052536 P13
38 19 00.0 121 30 00.0 2
SNODGRASS SL @ SP RAIL ROAD BR.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/10 | 13 50 | 0003 | 3.50C | | | | | | | | | |
| 69/02/13 | 12 35 | 0003 | 5.47C | | | | | | | | | |
| 69/04/16 | 14 30 | 0002 | 15.96C | | | | | | | | | |
| 69/05/23 | 13 35 | 0003 | 16.72C | | | | | | | | | |
| 69/06/10 | 13 30 | 0002 | 6.69C | | | | | | | | | |
| 69/07/18 | 13 45 | 0003 | 12.16C | | | | | | | | | |
| 69/08/08 | 13 25 | 0002 | 28.12C | | | | | | | | | |
| 69/10/24 | 15 15 | 0003 | 8.70 | 1.00 | 5.20 | 3.20 | 73 | | | | | |
| 69/11/14 | 13 40 | 0003 | 4.20 | 0.00 | 1.00 | 3.40 | 56 | | | | | |
| 69/12/18 | 14 35 | 0003 | 4.26C | | | | | | | | | |
| 70/01/12 | 14 25 | 0003 | 5.17C | | | | | | | | | |
| 70/02/18 | 13 05 | 0003 | 33.44C | | | | | | | | | |
| 70/03/13 | 11 30 | 0003 | 30.40C | | | | | | | | | |
| 70/04/23 | 14 50 | 0002 | 34.20C | | | | | | | | | |
| 70/05/13 | 14 30 | 0002 | 8.20 | 0.24 | 2.40 | 9.90 | 46 | | | | | |
| 70/06/11 | 14 00 | 0002 | 3.20 | 0.13 | 0.04 | 7.10 | 31 | | | | | |
| 70/07/10 | 13 15 | 0003 | 8.70 | 0.58 | 0.91 | 8.00 | 51 | | | | | |
| 70/08/12 | 13 35 | 0002 | 11.00 | 0.71 | 1.50 | 7.40 | 60 | | | | | |
| 70/09/18 | 12 40 | 0003 | 8.20 | 0.36 | 0.52 | 5.60 | 60 | | | | | |
| 70/10/14 | 15 05 | 0003 | 7.00 | 0.12 | 1.00 | 5.80 | 54 | | | | | |
| 70/11/17 | 12 00 | 0003 | 4.10 | 0.00 | 0.00 | 2.20 | 66 | | | | | |
| 71/02/18 | 14 00 | 0003 | 18.00 | 0.25 | 3.40 | 8.50 | 67 | | | | | |
| 71/03/23 | 13 45 | 0002 | 49.00 | 0.29 | 9.10 | 13.00 | 78 | | | | | |
| 71/04/29 | 15 05 | 0003 | 42.00 | 0.00 | 12.00 | 11.00 | 79 | | | | | |
| 71/05/19 | 13 45 | 0003 | 16.00 | 0.08 | 2.20 | 6.00 | 72 | | | | | |
| 71/06/10 | 14 30 | 0003 | 22.00 | 1.50 | 5.50 | 9.80 | 69 | | | | | |
| 71/07/16 | 14 25 | 0003 | 8.10 | 0.79 | 0.92 | 5.50 | 59 | | | | | |
| 71/08/10 | 13 35 | 0003 | 8.30 | 0.48 | 0.99 | 5.10 | 62 | | | | | |
| 71/09/14 | 14 40 | 0003 | 17.00 | 0.96 | 1.60 | 5.60 | 74 | | | | | |
| 71/10/06 | 14 10 | 0002 | 17.00 | 1.30 | 4.20 | 10.00 | 63 | | | | | |
| 71/11/12 | 13 50 | 0003 | 17.00 | 0.00 | 4.70 | 6.30 | 72 | | | | | |
| 71/12/10 | 14 20 | 0002 | 4.00 | 0.00 | 0.72 | 1.60 | 71 | | | | | |
| 72/01/20 | 14 05 | 0003 | 15.00 | 0.00 | 2.50 | 3.20 | 82 | | | | | |
| 72/02/24 | 14 40 | 0003 | 38.00 | 0.00 | 5.70 | 7.40 | 83 | | | | | |
| 72/03/21 | 14 40 | 0003 | 20.00 | 0.42 | 3.80 | 5.40 | 78 | | | | | |
| 72/04/21 | 14 00 | 0003 | 17.00 | 0.85 | 3.70 | 8.50 | 66 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052536 P13
38 19 00.0 121 30 00.0 2
SNODGRASS SL @ SP RAIL ROAD BR.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/05/31 | 14 25 | 0003 | 7.60 | 1.20 | 0.82 | 8.90 | 46 | | | | | |
| 72/06/19 | 15 40 | 0003 | 26.00 | 1.60 | 5.00 | 10.00 | 72 | | | | | |
| 72/07/14 | 15 55 | 0003 | 11.00 | 1.20 | 2.80 | 7.20 | 59 | | | | | |
| 72/08/18 | 14 55 | 0003 | 45.00 | 2.80 | 7.70 | 20.00 | 69 | | | | | |
| 72/09/26 | 14 50 | 0003 | 8.60 | 0.78 | 0.33 | 4.80 | 64 | | | | | |
| 72/10/17 | 14 55 | 0003 | 17.00 | 0.18 | 3.40 | 3.20 | 83 | | | | | |
| 72/11/22 | 12 20 | 0003 | 8.50 | 0.89 | 0.62 | 6.10 | 58 | | | | | |
| 72/12/20 | 14 45 | 0003 | 5.50 | 0.51 | 2.00 | 5.90 | 48 | | | | | |
| 73/01/23 | 13 55 | 0003 | 1.70 | | | 4.80 | 27 | | | | | |
| 73/02/21 | 14 25 | 0003 | 26.00 | | | 5.20 | 83 | | | | | |
| 73/03/07 | 09 20 | 0003 | 7.40 | | | 2.80 | 73 | | | | | |
| 73/04/04 | 08 40 | 0003 | 23.00 | | | 5.80 | 80 | | | | | |
| 73/05/02 | 08 30 | 0003 | 31.00 | | | 12.00 | 72 | | | | | |
| 73/06/06 | 11 00 | 0003 | 12.00 | | | 9.00 | 58 | | | | | |
| 73/07/03 | 10 45 | 0003 | 12.00 | | | 7.00 | 65 | | | | | |
| 73/08/01 | 10 30 | 0003 | 9.50 | | | 6.00 | 61 | | | | | |
| 73/08/29 | 10 00 | 0003 | 12.00 | | | 6.10 | 67 | | | | | |
| 73/09/26 | 08 20 | 0003 | 4.40 | | | 3.70 | 54 | | | | | |
| 73/10/16 | 12 00 | 0003 | 7.50 | | | 5.10 | 60 | | | | | |
| 73/11/14 | 11 10 | 0003 | 1.80 | | | 2.90 | 39 | | | | | |
| 73/12/12 | 09 35 | 0003 | 2.50 | | | 3.00 | 46 | | | | | |
| 74/01/10 | 11 15 | 0003 | 1.20 | | | 1.90 | 39 | | | | | |
| 74/02/07 | 09 25 | 0003 | 8.70 | | | 5.30 | 62 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052536 P13
38 19 00.0 121 30 00.0 2
SNODGRASS SL @ SP RAIL ROAD BR.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/10/17 | 14 55 | 0003 | 31 | 68 | 8 | 0 | 0 | 0 | 23 | 245 |
| 72/11/22 | 12 20 | 0003 | 60 | 0 | 136 | 5 | 0 | 0 | 81 | 282 |
| 72/12/20 | 14 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/01/23 | 13 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/21 | 14 25 | 0003 | 145 | 45 | 61 | 15 | 1704 | 0 | 85 | 1175 |
| 73/04/04 | 08 40 | 0003 | 3302 | 0 | 0 | 0 | 91 | 0 | 2898 | 6291 |
| 73/05/02 | 08 30 | 0003 | 12 | 0 | 0 | 12 | 228 | 12 | 1248 | 1512 |
| 73/06/06 | 11 00 | 0003 | 48 | 0 | 0 | 0 | 12 | 0 | 636 | 696 |
| 73/07/03 | 10 45 | 0003 | 36 | 0 | 0 | 0 | 60 | 0 | 612 | 708 |
| 73/08/01 | 10 30 | 0003 | 96 | 0 | 0 | 0 | 60 | 0 | 456 | 612 |
| 73/08/29 | 10 00 | 0003 | 72 | 0 | 0 | 0 | 96 | 12 | 636 | 816 |
| 73/09/26 | 08 20 | 0003 | 0 | 0 | 87 | 0 | 0 | 0 | 156 | 243 |
| 73/10/16 | 12 00 | 0003 | 18 | 0 | 84 | 0 | 9 | 0 | 113 | 252 |
| 73/11/14 | 11 10 | 0003 | 30 | 0 | 30 | 0 | 40 | 0 | 70 | 170 |
| 74/01/10 | 11 15 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 120 | 140 |
| 74/02/07 | 09 25 | 0003 | 121 | 71 | 76 | 10 | 914 | 0 | 110 | 1302 |

STORET RETRIEVAL DATE 77/03/14

052536 P13
38 19 00.0 121 30 00.0 2
SNODGRASS SL @ SP RAIL ROAD BR.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/12 | 11 15 | 0003 | 0.9 | | | | | | | | |
| 68/11/13 | 15 10 | 0003 | | 1.0 | | | | | | | |
| 68/12/11 | 14 40 | 0003 | 1.5 | | | | | | | | |
| 69/02/10 | 13 50 | 0003 | 1.6 | | | | | | | | |
| 69/02/13 | 12 35 | 0003 | 1.2 | | | | | | | | |
| 69/03/25 | 14 05 | 0003 | 6.2 | | | | | | | | |
| 69/04/16 | 14 30 | 0002 | 3.5 | | | | | | | | |
| 69/05/23 | 13 35 | 0003 | 2.4 | | | | | | | | |
| 69/06/10 | 13 30 | 0002 | 1.3 | | | | | | | | |
| 69/07/18 | 13 45 | 0003 | 2.1 | | | | | | | | |
| 69/08/08 | 13 25 | 0002 | 2.7 | | | | | | | | |
| 69/09/18 | 14 05 | 0003 | 0.8 | | | | | | | | |
| 69/10/24 | 15 15 | 0003 | 1.5 | | | | | | | | |
| 69/11/14 | 13 40 | 0003 | 1.3 | | | | | | | | |
| 69/12/18 | 14 35 | 0003 | 1.1 | | | | | | | | |
| 70/01/12 | 14 25 | 0003 | 2.8 | | | | | | | | |
| 70/02/18 | 13 05 | 0003 | 3.4 | | | | | | | | |
| 70/03/13 | 11 30 | 0003 | 4.1 | | | | | | | | |
| 70/04/23 | 14 50 | 0002 | 3.9 | | | | | | | | |
| 70/05/13 | 14 30 | 0002 | 1.8 | | | | | | | | |
| 70/06/11 | 14 00 | 0002 | 1.2 | | | | | | | | |
| 70/07/10 | 13 15 | 0003 | 1.2 | | | | | | | | |
| 70/08/12 | 13 35 | 0002 | 2.0 | | | | | | | | |
| 70/09/18 | 12 40 | 0003 | 1.6 | | | | | | | | |
| 70/10/14 | 15 05 | 0003 | 1.1 | | | | | | | | |
| 70/11/17 | 12 00 | 0003 | 0.9 | | | | | | | | |
| 71/02/18 | 14 00 | 0003 | 3.5 | | | | | | | | |
| 71/03/23 | 13 45 | 0002 | 4.3 | | | | | | | | |
| 71/04/29 | 15 05 | 0003 | 4.2 | | | | | | | | |
| 71/05/19 | 13 45 | 0003 | 1.4 | | | | | | | | |
| 71/06/10 | 14 30 | 0003 | 2.0 | | | | | | | | |
| 71/07/16 | 14 25 | 0003 | 2.1 | | | | | | | | |
| 71/08/10 | 13 35 | 0003 | 2.0 | | | | | | | | |
| 71/09/14 | 14 40 | 0003 | 11.0 | | | | | | | | |
| 71/10/06 | 14 10 | 0002 | 4.8 | | | | | | | | |
| 71/11/12 | 13 50 | 0003 | 2.3 | | | | | | | | |
| 71/12/10 | 14 20 | 0002 | 1.6 | | | | | | | | |
| 72/01/20 | 14 05 | 0003 | 2.4 | | | | | | | | |
| 72/02/24 | 14 40 | 0003 | 4.1 | | | | | | | | |
| 72/06/19 | 15 40 | 0003 | 3.0 | | | 6.2 | | | | | |
| 72/08/18 | 14 55 | 0003 | | | 3.0 | 9.6 | | | | | 13.4 |

# Eastern Delta

STORET RETRIEVAL DATE 77/03/17

052589 C13
38 07 04.0 121 29 50.0 5
S.F.MOKELUMNE R AT STATIN ISL
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0008 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 30 00 LATITUDE - 38 07 00

MONITORING STATION FOR CENTRAL VALLEY OPERATIONS STUDY.

DESCRIPTION - LOCATED AT SOUTH FORK OF MOKELUMNE RIVER AT STATEN ISLAND.

SAMPLING POINT LOCATED 600 FEET WEST OF OLD FERRY SLIP ON STATEN ISLAND

ROAD FROM PIER ON SOUTH FORK OF MEKELUMNE RIVER.

SAMPLES COLLECTED BY CENTRAL VALLEY OPERATIONS FIELD OFFICE IN TRACY CA.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.

STORET RETRIEVAL DATE 77/03/17

052589 C13
38 07 04.0 121 29 50.0 5
S.F.MOKELUMNE R AT STATIN ISL
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

1138URFC 04001004
0008 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/07 | 15 00 | 0003 | 1.50 | | | 1.30 | 55 | | | | | |
| 73/04/04 | 10 30 | 0003 | 2.20 | | | 1.00 | 69 | 0.30 | 0.85 | 0.29 | 0.55 | 0.09 |
| 73/05/02 | 10 00 | 0003 | 5.40 | | | 3.50 | 61 | 0.71M | 1.54 | 0.66 | 2.25 | 0.38 |
| 73/06/06 | 13 10 | 0003 | 19.00 | | | 11.00 | 63 | 0.46M | 1.38 | 0.67 | 1.84 | 0.31 |
| 73/07/03 | 12 50 | 0003 | 5.60 | | | 2.70 | 67 | 0.33M | 1.00 | 0.58 | 1.34 | 0.23 |
| 73/08/01 | 13 20 | 0003 | 8.60 | | | 4.00 | 68 | 0.12 | 2.60 | 1.44 | 2.48 | 0.42 |
| 73/08/29 | 12 15 | 0003 | 8.60 | | | 3.30 | 72 | 0.35 | 1.81 | 0.64 | 1.46 | 0.25 |
| 73/09/26 | 09 55 | 0003 | 2.70 | | | 1.60 | 63 | 0.08M | 0.79 | 0.35 | 0.87 | 0.15 |
| 73/10/16 | 13 30 | 0003 | 2.40 | | | 1.70 | 59 | | | | | |
| 73/11/14 | 12 55 | 0003 | 1.50 | | | 1.30 | 53 | | | | | |
| 73/12/12 | 11 30 | 0003 | 0.80 | | | 0.68 | 54 | | | | | |
| 74/01/09 | 13 20 | 0003 | 0.80 | | | 0.87 | 48 | | | | | |
| 74/02/07 | 11 20 | 0003 | 1.20 | | | 0.74 | 63 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/04/04 | 10 30 | 0003 | 40 | 0 | 20 | 0 | 0 | 0 | 203 | 263 |
| 73/05/02 | 10 00 | 0003 | 24 | 0 | 0 | 0 | 24 | 0 | 288 | 336 |
| 73/06/06 | 13 10 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 108 | 120 |
| 73/07/03 | 12 50 | 0003 | 24 | 0 | 0 | 0 | 96 | 0 | 300 | 420 |
| 73/08/01 | 13 20 | 0003 | 132 | 0 | 0 | 24 | 72 | 0 | 756 | 984 |
| 73/08/29 | 12 15 | 0003 | 84 | 0 | 0 | 0 | 96 | 12 | 408 | 600 |
| 73/10/16 | 13 30 | 0003 | 15 | 0 | 5 | 5 | 0 | 0 | 141 | 166 |
| 73/11/14 | 12 55 | 0003 | 101 | 0 | 0 | 0 | 0 | 0 | 100 | 201 |
| 74/01/10 | 13 20 | 0003 | 30 | 0 | 6 | 0 | 0 | 0 | 54 | 90 |
| 74/02/07 | 11 20 | 0003 | 25 | 0 | 25 | 0 | 0 | 0 | 126 | 176 |

STORET RETRIEVAL DATE 77/03/17

052589 C13
38 07 04.0 121 29 50.0 5
S.F.MOKELUMNE R AT STATIN ISL
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0008 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD- OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/04/13 | | | 0.0004 | 7.00 | 1.41 | 6.00 |
| 73/05/07 | | | 0.0055 | 79.00 | 6.97 | 11.00 |
| 73/06/05 | | | 0.0007 | 31.00 | 0.60 | 11.00 |
| 73/07/03 | | | 0.0000 | 207.00 | 1.32 | 10.00 |
| 73/08/13 | | | 0.0002 | 182.00 | 1.51 | 18.00 |
| 73/09/11 | | | 0.0001 | 216.00 | 2.00 | 10.00 |
| 73/10/05 | | | 0.0001 | 198.00 | 0.48 | 10.00 |
| 73/11/14 | | | 0.0001 | 23.00 | 1.23 | 15.00 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/04/04 | 10 30 | 0003 | 1.4 | | | | | | | | |
| 73/08/01 | 13 20 | 0003 | 1.0 | | | | | | | | |
| 73/08/29 | 12 15 | 0003 | 1.1 | | | | | | | | |
| 73/11/14 | 12 55 | 0003 | 1.4 | | | | | | | | |
| 73/12/12 | 11 30 | 0003 | 0.8 | | | | | | | | |
| 74/01/10 | 13 20 | 0003 | 2.3 | | | | | | | | |
| 74/02/07 | 11 20 | 0003 | 1.3 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/17

052661 MD6 M6
38 08 28.0 121 28 00.0 2
SYCAMORE SLOUGH NEAR MOUTH-MD6
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 28 000 LATITUDE - 38 08 280

MONITORING STATION FOR DELTA SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN A DEAD END SLOUGH.

SAMPLING POINT - LOCATED ON SYCAMORE SLOUGH 2 MILES FROM MOUTH AND 50 OUT FROM THE SOUTHERN LEVEE.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/17

052661 MD6 M6
38 08 28.0 121 28 00.0 2
SYCAMORE SLOUGH NEAR MOUTH-MD6
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/26 | 09 45 | 0003 | 11.00 | | | 6.40 | 64 | | | | | |
| 74/04/10 | 07 55 | 0003 | 12.00 | | | 7.10 | 64 | | | | | |
| 74/04/24 | 06 50 | 0003 | 78.00 | | | 17.00 | 82 | | | | | |
| 74/05/08 | 06 35 | 0003 | 28.00 | | | 10.00 | 73 | | | | | |
| 74/05/23 | 07 50 | 0003 | 15.00 | | | 6.20 | 71 | | | | | |
| 74/06/06 | 07 00 | 0003 | 14.00 | | | 5.50 | 72 | | | | | |
| 74/06/25 | 10 40 | 0003 | 20.00 | | | 5.80 | 78 | | | | | |
| 74/07/09 | 09 20 | 0003 | 17.00 | | | 8.40 | 68 | | | | | |
| 74/07/23 | 09 25 | 0003 | 32.00 | | | 12.00 | 72 | 1.30 | 4.63 | 1.62 | 3.33 | 0.64 |
| 74/08/07 | 09 00 | 0003 | 26.00 | | | 9.20 | 74 | | | | | |
| 74/08/23 | 11 15 | 0003 | 16.00 | | | 6.40 | 72 | | | | | |
| 74/09/04 | 07 40 | 0003 | 19.00 | | | 6.80 | 74 | | | | | |
| 74/09/19 | 08 55 | 0003 | 19.00 | | | 6.80 | 74 | | | | | |
| 74/10/02 | 09 00 | 0003 | 20.00 | | | 9.50 | 68 | | | | | |
| 74/10/17 | 08 45 | 0003 | 20.00 | | | 7.80 | 72 | | | | | |
| 74/11/07 | 12 20 | 0003 | 8.30 | | | 5.30 | 61 | | | | | |
| 74/11/19 | 09 30 | 0003 | 5.50 | | | 4.20 | 57 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052661 MD6 M6
38 08 28.0 121 28 00.0 2
SYCAMORE SLOUGH NEAR MOUTH-MD6
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/26 | 09 45 | 0003 | 3.0 | | | | | | | | |
| 74/04/10 | 07 55 | 0003 | 2.8 | | | | | | | | |
| 74/05/08 | 06 35 | 0003 | 2.9 | | | | | | | | |
| 74/06/06 | 07 00 | 0003 | 1.7 | | | | | | | | |
| 74/07/09 | 09 20 | 0003 | 1.5 | | | | | | | | |
| 74/08/07 | 09 00 | 0003 | 2.3 | | | | | | | | |
| 74/09/04 | 07 40 | 0003 | 1.8 | | | | | | | | |
| 74/10/02 | 09 00 | 0003 | 2.2 | | | | | | | | |
| 74/11/07 | 12 20 | 0003 | 1.7 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/17

052661 MD6 M6
38 08 28.0 121 28 00.0 2
SYCAMORE SLOUGH NEAR MOUTH-MD6
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/24 | 06 50 | 0003 | 154 | 0 | 0 | 0 | 0 | 0 | 4268 | 4422 |
| 74/05/08 | 06 35 | 0003 | 1320 | 0 | 0 | 66 | 0 | 0 | 4268 | 5588 |
| 74/05/23 | 07 50 | 0003 | 286 | 0 | 0 | 22 | 0 | 0 | 1144 | 1452 |
| 74/06/06 | 07 00 | 0003 | 374 | 0 | 0 | 0 | 22 | 0 | 2618 | 3014 |
| 74/06/25 | 10 40 | 0003 | 91 | 0 | 0 | 20 | 91 | 10 | 2060 | 2272 |
| 74/07/09 | 09 20 | 0003 | 66 | 0 | 0 | 44 | 132 | 0 | 2200 | 2442 |
| 74/07/23 | 09 25 | 0003 | 286 | 0 | 0 | 308 | 22 | 0 | 2926 | 3542 |
| 74/08/07 | 09 00 | 0003 | 198 | 0 | 0 | 396 | 110 | 0 | 3014 | 3718 |
| 74/08/23 | 11 15 | 0003 | 88 | 0 | 0 | 110 | 22 | 0 | 1386 | 1606 |
| 74/09/04 | 07 40 | 0003 | 88 | 0 | 0 | 506 | 88 | 0 | 2090 | 2772 |
| 74/09/19 | 08 55 | 0003 | 88 | 0 | 0 | 462 | 22 | 0 | 2112 | 2684 |
| 74/10/02 | 09 00 | 0003 | 44 | 0 | 0 | 748 | 0 | 0 | 2090 | 2882 |
| 74/10/17 | 08 45 | 0003 | 66 | 0 | 0 | 396 | 44 | 0 | 1540 | 2046 |
| 74/11/07 | 12 20 | 0003 | 66 | 0 | 0 | 66 | 0 | 22 | 1562 | 1716 |
| 74/11/19 | 09 30 | 0003 | 66 | 0 | 0 | 66 | 0 | 22 | 902 | 1056 |

STORET RETRIEVAL DATE 77/03/17

052661 MD6 M6
38 08 28.0 121 28 00.0 2
SYCAMORE SLOUGH NEAR MOUTH-MD6
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/19 | | | 0.0000 | 49.49 | 1.21 | 8.41 |
| 74/04/04 | | | 0.0000 | 61.60 | 5.41 | 14.76 |
| 74/04/19 | | | 0.0000 | 273.00 | 9.00 | 53.25 |
| 74/05/15 | | | 0.0000 | 115.10 | 2.00 | 22.59 |
| 74/05/31 | | | 0.0010 | 190.10 | 1.31 | 55.39 |
| 74/06/11 | | | 0.0000 | 97.25 | 0.67 | 4.52 |
| 74/06/25 | | | 0.0001 | 175.90 | 1.07 | 14.83 |
| 74/07/15 | | | 0.0001 | 467.80 | 2.64 | 49.80 |
| 74/07/29 | | | 0.0000 | 787.40 | 4.01 | 113.50 |
| 74/08/09 | | | 0.0000 | 580.40 | 1.84 | 43.31 |
| 74/08/28 | | | 0.0000 | 1416.00 | 2.55 | 70.90 |
| 74/09/12 | | | 0.0000 | 909.50 | 1.90 | 58.76 |
| 74/09/19 | | | 0.0000 | 96.38 | 2.65 | 11.26 |
| 74/10/10 | | | 0.0000 | 791.80 | 5.56 | 50.40 |
| 74/10/25 | | | 0.0000 | 813.80 | 21.62 | 63.01 |
| 74/11/22 | | | 0.0000 | 7.09 | 1.23 | 2.86 |

STORET RETRIEVAL DATE 77/03/17

052662 MD7 M7
38 07 34.0 121 29 43.0 2
S.F.MOKELUMNE R BELOW SYCAMORE S
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 29 430 LATITUDE - 38 07 340

MONITORING STATION FOR DELTA SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN AN INTERIOR DELTA CHANNEL.

SAMPLING POINT - LOCATED IN THE SOUTH FORK OF THE MOKELUMNE RIVER,MID-CHANNEL, AT A POINT 1,400 YARDS NORTH OF THE TERMINOUS BRIDGE.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/17

052662 MD7 M7
38 07 34.0 121 29 43.0 2
S.F.MOKELUMNE R BELOW SYCAMORE S
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/26 | 10 10 | 0003 | 2.90 | | | 1.30 | 68 | | | | | |
| 74/04/10 | 08 20 | 0003 | 2.00 | | | 0.78 | 72 | | | | | |
| 74/04/24 | 07 25 | 0003 | 6.70 | | | 2.50 | 73 | | | | | |
| 74/05/08 | 07 00 | 0003 | 3.20 | | | 1.00 | 75 | | | | | |
| 74/05/23 | 08 10 | 0003 | 3.20 | | | 1.40 | 70 | | | | | |
| 74/06/06 | 07 25 | 0003 | 3.30 | | | 1.60 | 68 | | | | | |
| 74/06/25 | 11 05 | 0003 | 4.00 | | | 1.70 | 69 | | | | | |
| 74/07/09 | 09 40 | 0003 | 3.30 | | | 3.40 | 50 | | | | | |
| 74/07/23 | 09 50 | 0003 | 8.00 | | | 3.80 | 68 | 0.28 | 1.60 | 0.81 | 1.32 | 0.22 |
| 74/08/07 | 09 30 | 0003 | 4.10 | | | 2.50 | 62 | | | | | |
| 74/08/23 | 11 40 | 0003 | 3.00 | | | 1.70 | 63 | | | | | |
| 74/09/04 | 08 25 | 0003 | 2.10 | | | 1.40 | 59 | | | | | |
| 74/09/19 | 09 25 | 0003 | 2.70 | | | 3.30 | 45 | | | | | |
| 74/10/02 | 09 20 | 0003 | 3.20 | | | 1.80 | 63 | | | | | |
| 74/10/17 | 09 10 | 0003 | 2.60 | | | 1.30 | 66 | | | | | |
| 74/11/07 | 12 45 | 0003 | 1.40 | | | 0.85 | 62 | | | | | |
| 74/11/19 | 09 50 | 0003 | 1.10 | | | 0.64 | 65 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052662 MD7 M7
38 07 34.0 121 29 43.0 2
S.F.MOKELUMNE R BELOW SYCAMORE S
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/24 | 07 25 | 0003 | 286 | 0 | 0 | 22 | 0 | 0 | 1056 | 1342 |
| 74/05/08 | 07 00 | 0003 | 66 | 0 | 0 | 0 | 44 | 0 | 814 | 924 |
| 74/05/23 | 08 10 | 0003 | 154 | 0 | 0 | 0 | 0 | 0 | 1034 | 1188 |
| 74/06/06 | 07 25 | 0003 | 176 | 0 | 0 | 0 | 44 | 0 | 484 | 704 |
| 74/06/25 | 11 05 | 0003 | 81 | 10 | 30 | 30 | 0 | 0 | 807 | 928 |
| 74/07/09 | 09 40 | 0003 | 66 | 0 | 0 | 0 | 66 | 0 | 1716 | 1848 |
| 74/07/23 | 09 50 | 0003 | 154 | 0 | 22 | 22 | 132 | 0 | 1760 | 2090 |
| 74/08/07 | 09 30 | 0003 | 22 | 0 | 0 | 22 | 44 | 0 | 1210 | 1298 |
| 74/08/23 | 11 40 | 0003 | 0 | 0 | 0 | 0 | 22 | 0 | 660 | 682 |
| 74/09/04 | 08 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 572 | 572 |
| 74/09/19 | 09 25 | 0003 | 286 | 0 | 0 | 0 | 0 | 0 | 1430 | 1716 |
| 74/10/02 | 09 20 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 462 | 506 |
| 74/10/17 | 09 10 | 0003 | 0 | 0 | 0 | 22 | 0 | 0 | 374 | 396 |
| 74/11/07 | 12 45 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 462 | 484 |
| 74/11/19 | 09 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 462 | 462 |

STORET RETRIEVAL DATE 77/03/17

052662 MD7 M7
38 07 34.0 121 29 43.0 2
S.F.MOKELUMNE R BELOW SYCAMORE S
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113PUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/19 | | | 0.0000 | 31.09 | 0.50 | 12.77 |
| 74/04/04 | | | 0.0001 | 51.26 | 7.67 | 12.80 |
| 74/04/19 | | | 0.0000 | 33.90 | 2.09 | 14.54 |
| 74/05/15 | | | 0.0000 | 109.80 | 0.97 | 8.79 |
| 74/05/31 | | | 0.0001 | 96.83 | 1.17 | 21.64 |
| 74/06/11 | | | 0.0050 | 58.77 | 0.51 | 14.43 |
| 74/06/25 | | | 0.0001 | 93.88 | 0.78 | 10.70 |
| 74/07/15 | | | 0.0002 | 133.60 | 3.00 | 15.92 |
| 74/07/29 | | | 0.0003 | 149.30 | 2.42 | 19.27 |
| 74/08/09 | | | 0.0000 | 187.50 | 0.62 | 10.98 |
| 74/08/28 | | | 0.0001 | 141.10 | 4.14 | 3.48 |
| 74/09/12 | | | 0.0000 | 118.10 | 0.85 | 7.23 |
| 74/09/19 | | | 0.0000 | 49.43 | 2.94 | 5.90 |
| 74/10/10 | | | 0.0000 | 32.52 | 1.10 | 6.39 |
| 74/10/25 | | | 0.0000 | 59.56 | 2.00 | 4.20 |
| 74/11/22 | | | 0.0000 | 18.52 | 0.48 | 4.74 |

STORET RETRIEVAL DATE 77/03/17

052664 MD9
38 05 01.0 121 28 07.0 2
WHITE SLOUGH AT CORREIA FERRY
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 28 070 LATITUDE - 38 05 010

MONITORING STATION FOR DELTA SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN AN INTERIOR DELTA CHANNEL.

SAMPLING POINT - LOCATED AT THE EAST RAMP OF FERRY #ABANDONED# ON WHITE SLOUGH. 2600 YARDS FROM THE JUNCTURE WITH HONKER CUT.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/17

052664 MD9
38 05 01.0 121 28 07.0 2
WHITE SLOUGH AT CORREIA FERRY
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 10 15 | 0002 | 3.00 | | | 1.50 | 66 | | | | | |
| 74/04/09 | 09 10 | 0003 | 2.30 | | | 0.93 | 71 | | | | | |
| 74/04/24 | 08 00 | 0003 | 4.60 | | | 2.40 | 65 | | | | | |
| 74/05/08 | 08 00 | 0003 | 6.70 | | | 3.30 | 67 | | | | | |
| 74/05/22 | 07 20 | 0003 | 3.20 | | | 1.10 | 73 | | | | | |
| 74/06/05 | 07 00 | 0003 | 2.30 | | | 1.50 | 60 | | | | | |
| 74/06/24 | 10 30 | 0003 | 3.00 | | | 2.10 | 59 | | | | | |
| 74/07/08 | 10 00 | 0003 | 4.00 | | | 3.40 | 54 | | | | | |
| 74/07/22 | 10 20 | 0003 | 4.10 | | | 3.80 | 52 | 0.34M | 0.88 | 0.46 | 1.23 | 0.22 |
| 74/08/06 | 09 30 | 0003 | 4.60 | | | 2.90 | 61 | | | | | |
| 74/08/22 | 11 15 | 0003 | 3.20 | | | 2.60 | 55 | | | | | |
| 74/09/04 | 09 10 | 0003 | 3.00 | | | 1.00 | 75 | | | | | |
| 74/09/18 | 08 55 | 0003 | 2.40 | | | 1.50 | 61 | | | | | |
| 74/10/02 | 08 15 | 0003 | 2.70 | | | 2.30 | 54 | | | | | |
| 74/10/16 | 08 05 | 0003 | 2.40 | | | 1.00 | 71 | | | | | |
| 74/11/06 | 11 40 | 0003 | 1.60 | | | 0.70 | 70 | | | | | |
| 74/11/18 | 09 55 | 0003 | 1.40 | | | 0.57 | 71 | | | | | |
| 74/12/17 | 09 30 | 0003 | 0.98 | | | 0.91 | 52 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052664 MD9
38 05 01.0 121 28 07.0 2
WHITE SLOUGH AT CORREIA FERRY
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/24 | 08 00 | 0003 | 374 | 0 | 0 | 0 | 22 | 0 | 748 | 1144 |
| 74/05/08 | 08 00 | 0003 | 292 | 0 | 66 | 0 | 20 | 0 | 1316 | 1694 |
| 74/05/22 | 07 20 | 0003 | 132 | 0 | 0 | 0 | 22 | 0 | 198 | 352 |
| 74/06/05 | 07 00 | 0003 | 88 | 0 | 0 | 0 | 22 | 0 | 308 | 418 |
| 74/06/24 | 10 30 | 0003 | 30 | 0 | 5 | 5 | 35 | 0 | 136 | 211 |
| 74/07/08 | 10 00 | 0003 | 0 | 0 | 0 | 22 | 44 | 0 | 792 | 858 |
| 74/07/22 | 10 20 | 0003 | 22 | 0 | 0 | 22 | 0 | 0 | 550 | 594 |
| 74/08/06 | 09 30 | 0003 | 88 | 0 | 0 | 0 | 66 | 0 | 880 | 1034 |
| 74/08/22 | 11 15 | 0003 | 66 | 0 | 0 | 66 | 22 | 0 | 726 | 880 |
| 74/09/04 | 09 10 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 352 | 396 |
| 74/09/18 | 08 55 | 0003 | 154 | 0 | 0 | 0 | 22 | 0 | 528 | 704 |
| 74/10/02 | 08 15 | 0003 | 0 | 0 | 0 | 22 | 0 | 0 | 572 | 594 |
| 74/10/16 | 08 05 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 132 | 154 |
| 74/11/06 | 11 40 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 550 | 594 |
| 74/11/18 | 09 55 | 0003 | 0 | 0 | 0 | 22 | 0 | 0 | 396 | 418 |
| 74/12/17 | 09 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 132 | 132 |

STORET RETRIEVAL DATE 77/03/17

052664 MD9
38 05 01.0 121 28 07.0 2
WHITE SLOUGH AT CORREIA FERRY
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/13 | | | 0.0002 | 63.97 | 0.22 | 10.05 |
| 74/03/29 | | | 0.0001 | 46.44 | 0.76 | 9.00 |
| 74/04/15 | | | 0.0000 | 43.86 | 0.99 | 11.73 |
| 74/05/10 | | | 0.0000 | 84.01 | 1.29 | 6.84 |
| 74/05/27 | | | 0.0000 | 72.77 | 0.94 | 9.62 |
| 74/06/10 | | | 0.0000 | 39.24 | 0.67 | 6.59 |
| 74/06/24 | | | 0.0008 | 130.80 | 0.44 | 9.30 |
| 74/07/09 | | | 0.0002 | 107.40 | 2.92 | 10.77 |
| 74/07/23 | | | 0.0000 | 152.90 | 0.59 | 7.76 |
| 74/08/07 | | | 0.0008 | 98.77 | 1.65 | 18.39 |
| 74/08/22 | | | 0.0000 | 53.26L | 0.00L | 1.63L |
| 74/09/06 | | | 0.0000 | 179.30 | 1.06 | 16.29 |
| 74/09/20 | | | 0.0000 | 56.12 | 1.45 | 5.81 |
| 74/10/04 | | | 0.0000 | 28.48 | 0.21 | 3.03 |
| 74/10/21 | | | 0.0000 | 24.44 | 0.83 | 2.66 |

STORET RETRIEVAL DATE 77/03/17

052665 MD10 M10
38 02 38.0 121 25 04.0 2
DISSAPPOINT SL @ BISHOP CUT-MD10
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 25 040 LATITUDE - 38 02 380

MONITORING STATION FOR DELTA SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN AN INTERIOR CHANNEL.

SAMPLING POINT - LOCATED IN DISAPPOINTMENT SLOUGH OFF OF THE DOCK AT PARADISE POINT MARINA, AT THE NORTHEAST CORNER OF THE JUNCTURE OF DISSAPOINTMENT SLOUGH AND BISHOP CUT 300 YARDS WEST OF THE BRIDGE BETWEEN RINDGE TRACT AND BISHOP TRACT.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/17

052665 MD10 M10
38 02 38.0 121 25 04.0 2
DISSAPPOINT SL @ BISHOP CUT-MD10
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 09 30 | 0003 | 6.90 | | | 5.70 | 55 | | | | | |
| 74/04/09 | 10 05 | 0003 | 23.00 | | | 7.00 | 77 | | | | | |
| 74/04/24 | 08 55 | 0003 | 16.00 | | | 8.70 | 65 | | | | | |
| 74/05/08 | 08 50 | 0003 | 15.00 | | | 7.80 | 66 | | | | | |
| 74/05/22 | 08 10 | 0003 | 12.00 | | | 6.20 | 66 | | | | | |
| 74/06/05 | 07 50 | 0003 | 14.00 | | | 9.10 | 62 | | | | | |
| 74/06/24 | 11 30 | 0003 | 16.00 | | | 8.20 | 66 | | | | | |
| 74/07/08 | 10 50 | 0003 | 20.00 | | | 10.00 | 67 | | | | | |
| 74/07/22 | 11 25 | 0003 | 23.00 | | | 11.00 | 67 | 0.64 | 2.31 | 1.55 | 1.67 | 0.32 |
| 74/08/06 | 10 15 | 0003 | 20.00 | | | 8.20 | 72 | | | | | |
| 74/08/22 | 12 05 | 0003 | 23.00 | | | 9.70 | 71 | | | | | |
| 74/09/04 | 10 00 | 0003 | 10.00 | | | 4.20 | 70 | | | | | |
| 74/09/18 | 09 35 | 0003 | 20.00 | | | 8.40 | 70 | | | | | |
| 74/10/02 | 09 00 | 0003 | 16.00 | | | 8.00 | 68 | | | | | |
| 74/10/16 | 08 45 | 0003 | 9.10 | | | 7.10 | 56 | | | | | |
| 74/11/06 | 12 25 | 0003 | 16.00 | | | 6.00 | 73 | | | | | |
| 74/11/18 | 10 40 | 0003 | 17.00 | | | 5.60 | 76 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052665 MD10 M10
38 02 38.0 121 25 04.0 2
DISSAPPOINT SL @ BISHOP CUT-MD10
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/24 | 08 55 | 0003 | 330 | 0 | 0 | 110 | 0 | 0 | 777 | 1210 |
| 74/05/08 | 08 50 | 0003 | 330 | 22 | 0 | 22 | 66 | 0 | 2046 | 2486 |
| 74/05/22 | 08 10 | 0003 | 132 | 0 | 0 | 0 | 0 | 0 | 1408 | 1540 |
| 74/06/05 | 07 50 | 0003 | 22 | 0 | 0 | 0 | 22 | 0 | 594 | 638 |
| 74/06/24 | 11 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 546 | 546 |
| 74/07/08 | 10 50 | 0003 | 0 | 0 | 0 | 22 | 0 | 0 | 1628 | 1650 |
| 74/07/22 | 11 25 | 0003 | 44 | 0 | 0 | 0 | 66 | 22 | 1914 | 2046 |
| 74/08/06 | 10 15 | 0003 | 110 | 0 | 22 | 0 | 44 | 0 | 1452 | 1628 |
| 74/08/22 | 12 05 | 0003 | 0 | 0 | 0 | 22 | 154 | 0 | 1166 | 1342 |
| 74/09/04 | 10 00 | 0003 | 0 | 0 | 0 | 66 | 22 | 22 | 1479 | 3068 |
| 74/09/18 | 09 35 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 2486 | 2508 |
| 74/10/02 | 09 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1408 | 1408 |
| 74/10/16 | 08 45 | 0003 | 44 | 0 | 0 | 22 | 0 | 0 | 1078 | 1144 |
| 74/11/06 | 12 25 | 0003 | 132 | 0 | 0 | 132 | 0 | 0 | 2586 | 2850 |
| 74/11/18 | 10 40 | 0003 | 22 | 0 | 0 | 132 | 0 | 0 | 1144 | 1298 |
| 74/12/17 | 10 15 | 0003 | 176 | 0 | 0 | 154 | 0 | 0 | 704 | 1034 |

STORET RETRIEVAL DATE 77/03/17

052665 MD10 M10
38 02 38.0 121 25 04.0 2
DISSAPPOINT SL @ BISHOP CUT-MD10
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/13 | | | 0.0006 | 515.60 | 2.15 | 20.39 |
| 74/03/29 | | | 0.0019 | 121.00 | 15.10 | 23.60 |
| 74/04/15 | | | 0.0032 | 222.50 | 49.74 | 72.22 |
| 74/05/10 | | | 0.0005 | 533.90 | 116.30 | 113.00 |
| 74/05/27 | | | 0.0083 | 355.10 | 20.27 | 41.76 |
| 74/06/10 | | | 0.0010 | 337.70 | 15.10 | 74.04 |
| 74/06/24 | | | 0.0007 | 335.50 | 12.91 | 35.76 |
| 74/07/09 | | | 0.0001 | 766.70 | 15.68 | 52.43 |
| 74/07/23 | | | 0.0002 | 1064.00 | 27.99 | 58.05 |
| 74/08/07 | | | 0.0001 | 930.80 | 29.75 | 66.17 |
| 74/08/22 | | | 0.0002 | 785.20 | 18.54 | 48.95 |
| 74/09/06 | | | 0.0001 | 339.30 | 39.62 | 46.68 |
| 74/09/20 | | | 0.0000 | 705.00 | 24.93 | 39.51 |
| 74/10/04 | | | 0.0001 | 850.90 | 29.84 | 34.00 |
| 74/10/21 | | | 0.0002 | 59.89 | 39.06 | 15.23 |
| 74/11/18 | | | 0.0000 | 95.96 | 67.03 | 12.70 |

STORET RETRIEVAL DATE 77/03/17

052526 P3
38 12 30.0 121 26 40.0 2
BEAVER SLOUGH NEAR THORNTON-P3
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

1138UREC 04001004
0003 FEET DEPTH CLASS 00

| RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 121 26 40 LATITUDE - 38 12 30

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED IN A SMALL DEAD-END SLOUGH IN THE EASTERN DELTA APPROXIMATELY 100 YARDS DOWN STREAM FROM A TURNOUT OF THE PROPOSED PERIPHERAL CANAL.

SAMPLING POINT - IN BEAVER SLOUGH,MID-CHANNEL FROM EAST SIDE OF BRIDGE ON BLOSSOM ROAD.

SAMPLES COLLECTED BY U.S.BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052526 P3
38 12 30.0 121 26 40.0 2
BEAVER SLOUGH NEAR THORNTON-P3
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 13 05 | 0003 | 12.92C | | | | | | | | | |
| 69/02/10 | 12 00 | 0003 | 4.33C | | | | | | | | | |
| 69/02/13 | 10 55 | 0003 | 13.68C | | | | | | | | | |
| 69/04/16 | 11 30 | 0003 | 28.88C | | | | | | | | | |
| 69/05/23 | 10 50 | 0003 | 7.52C | | | | | | | | | |
| 69/06/10 | 11 10 | 0003 | 6.69C | | | | | | | | | |
| 69/07/18 | 10 30 | 0003 | 11.40C | | | | | | | | | |
| 69/08/08 | 11 00 | 0003 | 11.40C | | | | | | | | | |
| 69/10/24 | 13 20 | 0003 | 45.00 | 2.50 | 9.70 | 8.80 | 83 | | | | | |
| 69/11/14 | 11 00 | 0003 | 28.00 | 0.00 | 6.30 | 6.70 | 81 | | | | | |
| 69/12/18 | 13 25 | 0003 | 13.68C | | | | | | | | | |
| 70/01/12 | 12 40 | 0003 | 7.60C | | | | | | | | | |
| 70/02/18 | 10 30 | 0003 | 6.84C | | | | | | | | | |
| 70/03/13 | 09 40 | 0003 | 34.96C | | | | | | | | | |
| 70/04/23 | 12 40 | 0003 | 18.24C | | | | | | | | | |
| 70/05/13 | 12 40 | 0003 | 27.00 | 0.39 | 6.90 | 15.00 | 64 | | | | | |
| 70/06/11 | 12 00 | 0003 | 5.60 | 0.69 | 1.10 | 8.60 | 39 | | | | | |
| 70/07/10 | 11 00 | 0003 | 46.00 | 2.00 | 13.00 | 22.00 | 67 | | | | | |
| 70/08/12 | 12 10 | 0003 | 17.00 | 0.47 | 2.50 | 6.00 | 73 | | | | | |
| 70/09/18 | 10 55 | 0003 | 34.00 | 3.60 | 3.40 | 12.00 | 74 | | | | | |
| 70/10/14 | 13 20 | 0003 | 66.00 | 6.20 | 8.20 | 6.30 | 91 | | | | | |
| 70/11/17 | 10 10 | 0003 | 22.00 | 1.60 | 3.40 | 8.80 | 71 | | | | | |
| 71/02/18 | 12 30 | 0003 | 4.90 | 0.01 | 0.38 | 2.70 | 64 | | | | | |
| 71/03/23 | 12 05 | 0003 | 17.00 | 2.80 | 1.10 | 6.40 | 72 | | | | | |
| 71/04/29 | 12 50 | 0003 | 49.00 | 0.00 | 11.00 | 14.00 | 78 | | | | | |
| 71/05/19 | 11 45 | 0003 | 33.00 | 0.00 | 5.70 | 7.80 | 80 | | | | | |
| 71/06/10 | 12 15 | 0003 | 5.70 | 0.68 | 0.00 | 5.70 | 49 | | | | | |
| 71/07/16 | 12 00 | 0003 | 32.00 | 5.50 | 6.10 | 9.60 | 77 | | | | | |
| 71/08/10 | 11 30 | 0003 | 18.00 | 1.00 | 4.70 | 7.80 | 69 | | | | | |
| 71/09/14 | 12 55 | 0003 | 29.00 | 1.60 | 6.80 | 19.00 | 60 | | | | | |
| 71/10/06 | 12 20 | 0003 | 120.00 | 0.00 | 43.00 | 17.00 | 87 | | | | | |
| 71/11/12 | 11 50 | 0003 | 20.00 | 0.40 | 6.50 | 6.70 | 75 | | | | | |
| 71/12/10 | 12 40 | 0003 | 8.00 | 0.34 | 1.10 | 2.90 | 73 | | | | | |
| 72/01/20 | 12 20 | 0003 | 24.00 | 0.00 | 6.00 | 5.60 | 81 | | | | | |
| 72/02/24 | 12 50 | 0003 | 27.00 | 0.00 | 5.40 | 7.60 | 77 | | | | | |
| 72/03/21 | 12 45 | 0003 | 10.00 | 0.58 | 1.80 | 6.50 | 61 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052526 P3
38 12 30.0 121 26 40.0 2
BEAVER SLOUGH NEAR THORNTON-P3
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/04/21 | 12 30 | 0003 | 56.00 | 0.00 | 8.50 | 14.00 | 80 | | | | | |
| 72/05/31 | 12 30 | 0003 | 23.00 | 0.03 | 3.20 | 6.30 | 78 | | | | | |
| 72/06/19 | 13 30 | 0003 | 15.00 | 1.00 | 2.40 | 7.70 | 65 | | | | | |
| 72/07/14 | 13 30 | 0003 | 24.00 | 0.99 | 5.20 | 9.40 | 71 | | | | | |
| 72/08/18 | 13 00 | 0003 | 7.30 | 1.10 | 2.00 | 4.10 | 64 | | | | | |
| 72/09/26 | 13 00 | 0003 | 9.60 | 0.39 | 0.00 | 7.50 | 55 | | | | | |
| 72/10/17 | 12 55 | 0003 | 7.60 | 1.30 | 1.00 | 6.20 | 54 | | | | | |
| 72/11/22 | 09 25 | 0003 | 8.30 | 3.10 | 1.50 | 19.00 | 30 | | | | | |
| 72/12/20 | 11 35 | 0003 | 6.30 | 8.40 | 0.94 | 37.00 | 14 | | | | | |
| 73/01/23 | 12 20 | 0003 | 1.50 | | | 8.00 | 16 | | | | | |
| 73/02/21 | 13 00 | 0003 | 8.60 | | | 6.40 | 57 | | | | | |
| 73/03/07 | 10 55 | 0003 | 6.60 | | | 8.50 | 44 | | | | | |
| 73/04/04 | 11 30 | 0003 | 100.00 | | | 17.00 | 86 | | | | | |
| 73/05/02 | 11 00 | 0003 | 18.00 | | | 12.00 | 60 | | | | | |
| 73/06/06 | 14 05 | 0003 | 100.00 | | | 12.00 | 89 | | | | | |
| 73/07/03 | 13 50 | 0003 | 65.00 | | | 12.00 | 84 | | | | | |
| 73/08/01 | 14 15 | 0003 | 26.00 | | | 5.50 | 83 | | | | | |
| 73/08/29 | 13 05 | 0003 | 100.00 | | | 14.00 | 88 | | | | | |
| 73/09/26 | 10 50 | 0003 | 31.00 | | | 13.00 | 71 | | | | | |
| 73/10/16 | 14 20 | 0003 | 23.00 | | | 12.00 | 65 | | | | | |
| 73/11/14 | 13 40 | 0003 | 40.00 | | | 14.00 | 74 | | | | | |
| 73/12/12 | 13 05 | 0003 | 2.10 | | | 8.90 | 19 | | | | | |
| 74/01/10 | 14 15 | 0003 | 4.60 | | | 7.90 | 37 | | | | | |
| 74/02/07 | 13 15 | 0003 | 7.20 | | | 11.00 | 40 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052526 P3
38 12 30.0 121 26 40.0 2
BEAVER SLOUGH NEAR THORNTON-P3
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUPEC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/26 | 13 00 | 0003 | 5 | 5 | 0 | 0 | 20 | 0 | 363 | 393 |
| 72/10/17 | 12 55 | 0003 | 20 | 0 | 71 | 0 | 101 | 0 | 151 | 434 |
| 72/11/22 | 09 25 | 0003 | 91 | 30 | 0 | 0 | 222 | 20 | 202 | 565 |
| 72/12/20 | 11 35 | 0003 | 5 | 0 | 0 | 0 | 111 | 0 | 10 | 126 |
| 73/01/23 | 12 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/21 | 13 00 | 0003 | 106 | 111 | 0 | 5 | 0 | 0 | 81 | 303 |
| 73/04/04 | 11 30 | 0003 | 1379 | 863 | 515 | 0 | 2561 | 30 | 2363 | 7711 |
| 73/05/02 | 11 00 | 0003 | 36 | 0 | 0 | 24 | 384 | 24 | 360 | 828 |
| 73/06/06 | 14 05 | 0003 | 72 | 0 | 0 | 12 | 36 | 0 | 2556 | 2676 |
| 73/07/03 | 13 50 | 0003 | 12 | 0 | 0 | 12 | 60 | 0 | 1884 | 1968 |
| 73/08/01 | 14 15 | 0003 | 60 | 0 | 0 | 0 | 72 | 48 | 816 | 996 |
| 73/08/29 | 13 05 | 0003 | 1668 | 0 | 0 | 12 | 1032 | 168 | 1870 | 4750 |
| 73/09/26 | 10 50 | 0003 | 215 | 0 | 50 | 0 | 114 | 25 | 1243 | 1716 |
| 73/10/16 | 14 20 | 0003 | 743 | 187 | 245 | 7 | 541 | 238 | 787 | 2748 |
| 73/11/14 | 13 40 | 0003 | 545 | 0 | 61 | 0 | 81 | 0 | 504 | 1191 |
| 74/01/10 | 14 15 | 0003 | 140 | 40 | 0 | 0 | 0 | 5 | 30 | 215 |
| 74/02/07 | 13 15 | 0003 | 253 | 272 | 10 | 10 | 194 | 10 | 68 | 817 |

STORET RETRIEVAL DATE 77/03/17

052526 P3
38 12 30.0 121 26 40.0 2
BEAVER SLOUGH NEAR THORNTON-P3
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/17 | 14 30 | 0003 | 2.2 | | | | | | | | |
| 68/08/14 | 15 25 | 0003 | 1.6 | | | | | | | | |
| 68/09/11 | 15 00 | 0003 | 1.5 | | | | | | | | |
| 68/11/13 | 14 30 | 0003 | | 2.4 | | | | | | | |
| 68/12/11 | 13 05 | 0003 | 2.7 | | | | | | | | |
| 69/02/10 | 12 00 | 0003 | 11.0 | | | | | | | | |
| 69/02/13 | 10 55 | 0003 | 12.0 | | | | | | | | |
| 69/03/25 | 11 30 | 0003 | 6.5 | | | | | | | | |
| 69/04/16 | 11 30 | 0003 | 9.0 | | | | | | | | |
| 69/05/23 | 10 50 | 0003 | 2.3 | | | | | | | | |
| 69/06/10 | 11 10 | 0003 | 1.9 | | | | | | | | |
| 69/07/18 | 10 30 | 0003 | 1.7 | | | | | | | | |
| 69/08/08 | 11 00 | 0003 | 1.6 | | | | | | | | |
| 69/09/18 | 11 30 | 0003 | 1.3 | | | | | | | | |
| 69/10/24 | 13 20 | 0003 | 5.0 | | | | | | | | |
| 69/11/14 | 11 00 | 0003 | 3.9 | | | | | | | | |
| 69/12/18 | 13 25 | 0003 | 2.7 | | | | | | | | |
| 70/01/12 | 12 40 | 0003 | 3.4 | | | | | | | | |
| 70/02/18 | 10 30 | 0003 | 3.6 | | | | | | | | |
| 70/03/13 | 09 40 | 0003 | 4.4 | | | | | | | | |
| 70/04/23 | 12 40 | 0003 | 3.0 | | | | | | | | |
| 70/05/13 | 12 40 | 0003 | 4.4 | | | | | | | | |
| 70/06/11 | 12 00 | 0003 | 2.1 | | | | | | | | |
| 70/07/10 | 11 00 | 0003 | 3.0 | | | | | | | | |
| 70/08/12 | 12 10 | 0003 | 2.0 | | | | | | | | |
| 70/09/18 | 10 55 | 0003 | 3.8 | | | | | | | | |
| 70/10/14 | 13 20 | 0003 | 5.3 | | | | | | | | |
| 70/11/17 | 10 10 | 0003 | 3.6 | | | | | | | | |
| 71/02/18 | 12 30 | 0003 | 4.3 | | | | | | | | |
| 71/03/23 | 12 05 | 0003 | 7.0 | | | | | | | | |
| 71/04/29 | 12 50 | 0003 | 3.1 | 3.8 | | | | | | | |
| 71/05/19 | 11 45 | 0003 | 1.8 | | | | | | | | |
| 71/06/10 | 12 15 | 0003 | 1.4 | | | | | | | | |
| 71/07/16 | 12 00 | 0003 | 4.2 | | | | | | | | |
| 71/08/10 | 11 30 | 0003 | 2.7 | | | | | | | | |
| 71/09/14 | 12 55 | 0003 | 5.4 | | | | | | | | |
| 71/10/06 | 12 20 | 0003 | | 8.7L | | | | | | | |
| 71/11/12 | 11 50 | 0003 | 3.0 | | | | | | | | |
| 71/12/10 | 12 40 | 0003 | 2.4 | | | | | | | | |
| 72/01/20 | 12 20 | 0003 | 6.0 | | | | | | | | |
| 72/02/24 | 12 50 | 0003 | 4.8 | | | | | | | | |
| 72/06/19 | 13 30 | 0003 | 2.0 | | | 11.8 | | | | | |
| 72/08/18 | 13 00 | 0003 | | | 2.4 | 2.6 | | | | | 6.0 |

STORET RETRIEVAL DATE 77/03/17

052527 P4
38 10 10.0 121 28 10.0 2
HOG SLOUGH NER THORNTON-P4
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 28 10 LATITUDE - 38 10 10

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED IN A SMALL DEAD-END SLOUGH IN THE EASTERN DELTA. APPROXIMATELY TWO MILES DOWNSTREAM FROM A TURNOUT OF THE PROPOSED PERIPHERAL CANAL.

SAMPLING POINT - IN HOG SLOUGH, FROM A DOCK WITH AN ABANDONED PUMP HOUSE LOCATED ADJACENT TO THE LEVEE ROAD ON THE SOUTH SIDE OF THE SLOUGH.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052527 P4
38 10 10.0 121 28 10.0 2
HOG SLOUGH NER THORNTON-P4
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 12 05 | 0003 | 7.30C | | | | | | | | | |
| 69/02/10 | 11 25 | 0003 | 4.94C | | | | | | | | | |
| 69/02/13 | 10 20 | 0003 | 4.18C | | | | | | | | | |
| 69/04/16 | 10 55 | 0003 | 4.33C | | | | | | | | | |
| 69/05/23 | 10 10 | 0003 | 9.12C | | | | | | | | | |
| 69/06/10 | 10 30 | 0003 | 7.37C | | | | | | | | | |
| 69/07/18 | 09 30 | 0003 | 11.40C | | | | | | | | | |
| 69/08/08 | 10 20 | 0003 | 24.32C | | | | | | | | | |
| 69/10/24 | 12 30 | 0003 | 15.00 | 0.00 | 5.30 | 9.00 | 61 | | | | | |
| 69/11/14 | 10 20 | 0003 | 6.20 | 0.00 | 1.10 | 2.20 | 74 | | | | | |
| 69/12/18 | 12 50 | 0003 | 13.68C | | | | | | | | | |
| 70/01/12 | 11 25 | 0003 | 3.27C | | | | | | | | | |
| 70/02/18 | 09 55 | 0003 | 10.64C | | | | | | | | | |
| 70/03/13 | 09 10 | 0003 | 13.68C | | | | | | | | | |
| 70/04/23 | 11 55 | 0003 | 35.72C | | | | | | | | | |
| 70/05/13 | 12 00 | 0003 | 24.00 | 0.76 | 5.90 | 12.00 | 69 | | | | | |
| 70/06/11 | 11 20 | 0003 | 19.00 | 0.27 | 2.90 | 9.60 | 67 | | | | | |
| 70/07/10 | 10 20 | 0003 | 7.10 | 0.19 | 0.95 | 10.00 | 41 | | | | | |
| 70/08/12 | 11 40 | 0003 | 16.00 | 1.70 | 2.20 | 8.10 | 67 | | | | | |
| 70/09/18 | 10 10 | 0003 | 21.00 | 2.60 | 1.00 | 7.20 | 74 | | | | | |
| 70/11/17 | 09 40 | 0003 | 9.60 | 0.23 | 1.40 | 2.60 | 79 | | | | | |
| 71/02/18 | 11 35 | 0003 | 17.00 | 0.98 | 3.50 | 6.00 | 74 | | | | | |
| 71/03/23 | 11 35 | 0003 | 13.00 | 0.00 | 4.20 | 6.20 | 68 | | | | | |
| 71/04/29 | 11 50 | 0003 | 5.20 | 0.00 | 0.28 | 3.60 | 59 | | | | | |
| 71/05/19 | 11 20 | 0003 | 9.90 | 0.11 | 1.30 | 4.70 | 67 | | | | | |
| 71/06/10 | 11 25 | 0003 | 7.10 | 0.00 | 1.50 | 2.80 | 71 | | | | | |
| 71/07/16 | 11 20 | 0003 | 15.00 | 1.40 | 3.70 | 9.40 | 61 | | | | | |
| 71/08/10 | 10 55 | 0003 | 6.60 | 0.29 | 2.00 | 4.00 | 61 | | | | | |
| 71/09/14 | 12 05 | 0003 | 14.00 | 0.52 | 3.00 | 8.70 | 62 | | | | | |
| 71/10/06 | 11 15 | 0003 | 11.00 | 0.82 | 2.60 | 6.70 | 62 | | | | | |
| 71/11/12 | 11 20 | 0003 | 8.80 | 0.45 | 2.50 | 5.20 | 62 | | | | | |
| 71/12/10 | 11 45 | 0003 | 28.00 | 0.00 | 5.50 | 4.40 | 86 | | | | | |
| 72/01/20 | 11 25 | 0003 | 15.00 | 0.00 | 3.00 | 2.30 | 86 | | | | | |
| 72/02/24 | 11 45 | 0003 | 35.00 | 0.00 | 8.30 | 7.10 | 83 | | | | | |
| 72/03/21 | 11 55 | 0003 | 11.00 | 0.00 | 1.50 | 2.90 | 78 | | | | | |
| 72/04/21 | 11 30 | 0003 | 4.60 | 0.28 | 0.85 | 2.70 | 63 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052527 P4
38 10 10.0 121 28 10.0 2
HOG SLOUGH NER THORNTON-P4
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/05/31 | 11 20 | 0003 | 7.90 | 0.37 | 0.33 | 6.90 | 53 | | | | | |
| 72/06/19 | 12 30 | 0003 | 9.00 | 0.49 | 2.90 | 5.10 | 63 | | | | | |
| 72/07/14 | 12 20 | 0003 | 34.00 | 3.90 | 5.60 | 10.00 | 76 | | | | | |
| 72/08/18 | 12 30 | 0003 | 13.00 | 0.43 | 4.00 | 6.60 | 65 | | | | | |
| 72/09/26 | 12 05 | 0003 | 6.50 | 0.13 | 0.00 | 4.70 | 57 | | | | | |
| 72/10/17 | 11 45 | 0003 | 5.90 | 0.75 | 0.92 | 5.40 | 52 | | | | | |
| 72/11/21 | 12 30 | 0003 | 1.60 | 0.63 | 0.13 | 3.70 | 29 | | | | | |
| 72/12/19 | 14 40 | 0003 | 3.00 | 0.18 | 1.10 | 1.60 | 65 | | | | | |
| 73/01/23 | 11 15 | 0003 | 2.10 | | | 4.20 | 33 | | | | | |
| 73/02/21 | 11 35 | 0003 | 12.00 | | | 3.60 | 78 | | | | | |
| 73/03/07 | 11 50 | 0003 | 5.60 | | | 4.80 | 54 | | | | | |
| 73/04/04 | 12 45 | 0003 | 10.00 | | | 7.70 | 57 | 0.03 | 0.45 | 0.22 | 0.42 | 0.27 |
| 73/05/02 | 12 00 | 0003 | 18.00 | | | 6.00 | 75 | 2.89 | 4.16 | 2.27 | 1.27 | 0.83 |
| 73/06/06 | 15 00 | 0003 | 11.00 | | | 6.40 | 65 | 1.02 | 2.59 | 1.77 | 1.57 | 1.03 |
| 73/07/03 | 14 45 | 0003 | 12.00 | | | 8.10 | 60 | 1.25 | 2.51 | 1.79 | 1.26 | 0.83 |
| 73/08/01 | 15 10 | 0003 | 17.00 | | | 7.20 | 71 | 5.03 | 7.37 | 2.68 | 2.35 | 1.54 |
| 73/08/29 | 14 05 | 0003 | 15.00 | | | 5.20 | 75 | 1.98 | 3.99 | 1.44 | 2.01 | 1.32 |
| 73/09/26 | 11 40 | 0003 | 9.70 | | | 5.80 | 62 | 0.49 | 1.55 | 1.13 | 1.06 | 0.69 |
| 73/10/16 | 15 10 | 0003 | 13.00 | | | 5.00 | 73 | | | | | |
| 73/11/14 | 14 20 | 0003 | 2.70 | | | 2.30 | 54 | | | | | |
| 73/12/12 | 13 45 | 0003 | 1.40 | | | 1.70 | 46 | | | | | |
| 74/01/10 | 15 10 | 0003 | 2.70 | | | 1.40 | 66 | | | | | |
| 74/02/07 | 14 15 | 0003 | 12.00 | | | 3.80 | 76 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052527 P4
38 10 10.0 121 28 10.0 2
HOG SLOUGH NER THORNTON-P4
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

1138UREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/26 | 12 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 61 |
| 72/10/17 | 11 45 | 0003 | 0 | 0 | 0 | 0 | 15 | 0 | 35 | 50 |
| 72/11/21 | 12 30 | 0003 | 35 | 0 | 0 | 0 | 18 | 0 | 13 | 66 |
| 72/12/19 | 14 40 | 0003 | 0 | 0 | 0 | 0 | 35 | 0 | 11 | 46 |
| 73/01/23 | 11 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/21 | 11 35 | 0003 | 10 | 0 | 0 | 0 | 545 | 30 | 20 | 263 |
| 73/04/04 | 12 45 | 0003 | 30 | 5 | 399 | 0 | 116 | 40 | 131 | 761 |
| 73/05/02 | 12 00 | 0003 | 72 | 0 | 0 | 12 | 240 | 0 | 600 | 924 |
| 73/06/06 | 15 00 | 0003 | 24 | 0 | 0 | 0 | 144 | 24 | 384 | 576 |
| 73/07/03 | 14 45 | 0003 | 12 | 0 | 0 | 0 | 24 | 0 | 456 | 492 |
| 73/08/01 | 15 10 | 0003 | 324 | 0 | 0 | 0 | 72 | 0 | 1068 | 1464 |
| 73/08/29 | 14 05 | 0003 | 168 | 0 | 0 | 48 | 240 | 0 | 1236 | 1692 |
| 73/09/26 | 11 40 | 0003 | 65 | 0 | 144 | 0 | 40 | 0 | 331 | 580 |
| 73/10/16 | 15 10 | 0003 | 141 | 0 | 934 | 0 | 177 | 5 | 96 | 1353 |
| 73/11/14 | 14 20 | 0003 | 79 | 0 | 89 | 0 | 59 | 5 | 30 | 262 |
| 73/12/12 | 13 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74/01/10 | 15 10 | 0003 | 15 | 0 | 30 | 0 | 0 | 0 | 5 | 50 |
| 74/02/07 | 14 15 | 0003 | 0 | 61 | 460 | 0 | 369 | 116 | 131 | 1137 |

STORET RETRIEVAL DATE 77/03/17

052527 P4
38 10 10.0 121 28 10.0 2
HOG SLOUGH NER THORNTON-P4
06 ,CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 7129' O CLAD- OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/04/13 | | | 0.0006 | 76.00 | 1.22 | 53.00 |
| 73/05/07 | | | 0.0011 | 44.00 | 2.94 | 76.00 |
| 73/06/05 | | | 0.0003 | 15.00 | 1.32 | 34.00 |
| 73/07/03 | | | 0.0004 | 1112.00 | 5.52 | 65.00 |
| 73/08/13 | | | 0.0000 | 788.00 | 8.77 | 52.00 |
| 73/09/11 | | | 0.0009 | 855.00 | 6.00 | 40.00 |
| 73/10/05 | | | 0.0001 | 329.00 | 1.86 | 23.00 |
| 73/11/14 | | | 0.0002 | 98.00 | 0.94 | 9.00 |

STORET RETRIEVAL DATE 77/03/17

052527 P4
38 10 10.0 121 28 10.0 2
HOG SLOUGH NER THORNTON-P4
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/17 | 14 00 | 0003 | 4.0 | | | | | | | | |
| 68/08/14 | 14 50 | 0003 | 2.1 | | | | | | | | |
| 68/09/11 | 14 30 | 0003 | 2.2 | | | | | | | | |
| 68/11/13 | 13 45 | 0003 | 1.7 | | | | | | | | |
| 68/12/11 | 12 05 | 0003 | 2.0 | | | | | | | | |
| 69/02/10 | 11 25 | 0003 | 5.6 | | | | | | | | |
| 69/02/13 | 10 20 | 0003 | 1.6 | | | | | | | | |
| 69/03/25 | 10 50 | 0003 | 3.8 | | | | | | | | |
| 69/04/16 | 10 55 | 0003 | 20.0 | | | | | | | | |
| 69/05/23 | 10 10 | 0003 | 2.2 | | | | | | | | |
| 69/06/10 | 10 30 | 0003 | 1.8 | | | | | | | | |
| 69/07/18 | 09 30 | 0003 | 1.5 | | | | | | | | |
| 69/08/08 | 10 20 | 0003 | 3.0 | | | | | | | | |
| 69/09/18 | 10 45 | 0003 | 4.9 | | | | | | | | |
| 69/10/24 | 12 30 | 0003 | 4.1 | | | | | | | | |
| 69/11/14 | 10 20 | 0003 | 2.0 | | | | | | | | |
| 69/12/18 | 12 50 | 0003 | 2.1 | | | | | | | | |
| 70/01/12 | 11 25 | 0003 | 1.9 | | | | | | | | |
| 70/02/18 | 09 55 | 0003 | 5.6 | | | | | | | | |
| 70/03/13 | 09 10 | 0003 | 3.4 | | | | | | | | |
| 70/04/23 | 11 55 | 0003 | 2.9 | | | | | | | | |
| 70/05/13 | 12 00 | 0003 | 4.4 | | | | | | | | |
| 70/06/11 | 11 20 | 0003 | 1.8 | | | | | | | | |
| 70/07/10 | 10 20 | 0003 | 1.9 | | | | | | | | |
| 70/08/12 | 11 40 | 0003 | 2.1 | | | | | | | | |
| 70/09/18 | 10 10 | 0003 | 3.2 | | | | | | | | |
| 70/10/14 | 12 45 | 0003 | 1.6 | | | | | | | | |
| 70/11/17 | 09 40 | 0003 | 1.5 | | | | | | | | |
| 71/02/18 | 11 35 | 0003 | 3.0 | | | | | | | | |
| 71/03/23 | 11 35 | 0003 | 1.7 | | | | | | | | |
| 71/04/29 | 11 50 | 0003 | 1.4 | 1.2 | | | | | | | |
| 71/05/19 | 11 20 | 0003 | 1.2 | | | | | | | | |
| 71/06/10 | 11 25 | 0003 | 1.3 | | | | | | | | |
| 71/07/16 | 11 20 | 0003 | 3.6 | | | | | | | | |
| 71/08/10 | 10 55 | 0003 | 2.4 | | | | | | | | |
| 71/09/14 | 12 05 | 0003 | 15.0 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/17

052527 P4
38 10 10.0 121 28 10.0 2
HOG SLOUGH NER THORNTON-P4
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/10/06 | 11 15 | 0003 | | 3.2 | | | | | | | |
| 71/11/12 | 11 20 | 0003 | 1.6 | | | | | | | | |
| 71/12/10 | 11 45 | 0003 | 2.3 | | | | | | | | |
| 72/01/20 | 11 25 | 0003 | 2.7 | | | | | | | | |
| 72/02/24 | 11 45 | 0003 | 3.8 | | | | | | | | |
| 72/06/19 | 12 30 | 0003 | 1.2 | | | 11.8 | | | | | |
| 72/08/18 | 12 30 | 0003 | | | 3.0 | 4.2 | | | | | 11.2 |
| 73/04/04 | 12 45 | 0003 | 2.5 | | | | | | | | |
| 73/08/01 | 15 10 | 0003 | 3.9 | | | | | | | | |
| 73/08/29 | 14 05 | 0003 | 3.6 | | | | | | | | |
| 73/09/26 | 11 40 | 0003 | 2.9 | | | | | | | | |
| 73/11/14 | 14 20 | 0003 | 1.0 | | | | | | | | |
| 73/12/12 | 13 45 | 0003 | 1.5 | | | | | | | | |
| 74/01/10 | 15 10 | 0003 | 2.6 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/17

052528 P5
38 08 40.0 121 25 50.0 2
SYCAMORE SLOUGH NEAR LODI-P5
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 25 50 LATITUDE - 38 08 40

MONITORING STATION FOR PERIPHERAL CANAL STUDY.

DESCRIPTION - LOCATED IN SYCAMORE SLOUGH.APPROXIMATELY 1 MILE DOWNSTREAM FROM THE PROPOSED PERIPHERAL CANAL.

SAMPLING POINT - FROM A PIER IN SYCAMORE SLOUGH ON SOUTH SIDE OF LEVEE. NEXT TO A DRAIN TURNOUT.

SAMPLING COLLECTED BY USBR AND DWR

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

USBR FOR ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/17

052528 P5
38 08 40.0 121 25 50.0 2
SYCAMORE SLOUGH NEAR LODI-P5
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 11 15 | 0003 | 10.640 | | | | | | | | | |
| 69/02/10 | 10 40 | 0003 | 25.840 | | | | | | | | | |
| 69/02/13 | 09 50 | 0003 | 35.720 | | | | | | | | | |
| 69/04/15 | 10 50 | 0003 | 52.440 | | | | | | | | | |
| 69/05/23 | 09 35 | 0003 | 53.200 | | | | | | | | | |
| 69/06/10 | 09 40 | 0003 | 35.720 | | | | | | | | | |
| 69/07/17 | 08 25 | 0003 | 58.520 | | | | | | | | | |
| 69/08/07 | 09 45 | 0002 | 44.080 | | | | | | | | | |
| 69/10/23 | 11 20 | 0002 | 14.00 | 8.60 | 3.50 | 50.00 | 21 | | | | | |
| 69/11/14 | 10 30 | 0003 | 47.00 | 7.50 | 6.10 | 36.00 | 56 | | | | | |
| 69/12/18 | 12 30 | 0003 | 10.640 | | | | | | | | | |
| 70/01/12 | 10 40 | 0003 | 35.720 | | | | | | | | | |
| 70/02/17 | 09 40 | 0003 | 56.240 | | | | | | | | | |
| 70/03/12 | 08 45 | 0003 | 83.600 | | | | | | | | | |
| 70/04/21 | 10 50 | 0002 | 121.600 | | | | | | | | | |
| 70/05/12 | 10 30 | 0003 | 47.00 | 3.10 | 13.00 | 22.00 | 69 | | | | | |
| 70/06/10 | 10 20 | 0003 | 28.00 | 4.10 | 4.50 | 21.00 | 57 | | | | | |
| 70/07/08 | 09 15 | 0003 | 33.00 | 0.43 | 3.90 | 15.00 | 69 | | | | | |
| 70/08/11 | 10 50 | 0003 | 56.00 | 10.00 | 5.70 | 16.00 | 77 | | | | | |
| 70/09/17 | 09 30 | 0003 | 38.00 | 3.20 | 2.90 | 5.70 | 87 | | | | | |
| 70/10/12 | 10 10 | 0002 | 78.00 | 10.00 | 11.00 | 39.00 | 67 | | | | | |
| 70/11/16 | 09 35 | 0003 | 44.00 | 8.00 | 1.90 | 24.00 | 64 | | | | | |
| 71/02/18 | 10 40 | 0003 | 17.00 | 13.00 | 5.60 | 45.00 | 28 | | | | | |
| 71/03/22 | 10 05 | 0003 | 9.10 | 2.20 | 1.10 | 9.40 | 49 | | | | | |
| 71/04/29 | 10 50 | 0003 | 93.00 | 1.40 | 21.00 | 23.00 | 80 | | | | | |
| 71/05/19 | 10 50 | 0003 | 210.00 | 2.10 | 56.00 | 55.00 | 79 | | | | | |
| 71/06/10 | 10 45 | 0003 | 170.00 | 27.00 | 42.00 | 100.00 | 61 | | | | | |
| 71/07/16 | 10 40 | 0003 | 74.00 | 4.20 | 31.00 | 38.00 | 66 | | | | | |
| 71/08/10 | 10 10 | 0003 | 40.00 | 1.40 | 17.00 | 23.00 | 63 | | | | | |
| 71/09/14 | 11 25 | 0002 | 65.00 | 18.00 | 14.00 | 67.00 | 49 | | | | | |
| 71/10/06 | 10 35 | 0003 | 34.00 | 6.80 | 9.60 | 25.00 | 58 | | | | | |
| 71/11/12 | 10 40 | 0003 | 99.00 | 0.87 | 30.00 | 33.00 | 74 | | | | | |
| 71/12/10 | 11 00 | 0003 | 17.00 | 0.00 | 3.50 | 3.50 | 83 | | | | | |
| 72/01/20 | 10 40 | 0003 | 4.10 | 6.30 | 0.00 | 32.00 | 11 | | | | | |
| 72/02/24 | 11 05 | 0003 | 69.00 | 12.00 | 7.70 | 18.00 | 79 | | | | | |
| 72/03/21 | 11 10 | 0003 | 120.00 | 0.00 | 16.00 | 0.00 | 100 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052528 P5
38 08 40.0 121 25 50.0 2
SYCAMORE SLOUGH NEAR LODI-P5
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/04/21 | 11 00 | 0003 | 78.00 | 0.00 | 22.00 | 31.00 | 71 | | | | | |
| 72/05/31 | 10 30 | 0003 | 16.00 | 3.50 | 1.70 | 19.00 | 46 | | | | | |
| 72/06/19 | 11 20 | 0003 | 69.00 | 1.60 | 20.00 | 22.00 | 76 | | | | | |
| 72/07/14 | 11 20 | 0003 | 94.00 | 1.50 | 24.00 | 29.00 | 76 | | | | | |
| 72/08/18 | 11 15 | 0002 | 24.00 | 2.00 | 6.50 | 11.00 | 69 | | | | | |
| 72/09/26 | 11 20 | 0003 | 61.00 | 7.30 | 9.20 | 30.00 | 67 | | | | | |
| 72/10/17 | 10 50 | 0002 | 56.00 | 17.00 | 5.40 | 73.00 | 43 | | | | | |
| 72/11/21 | 10 55 | 0002 | 25.00 | 17.00 | 0.00 | 82.00 | 23 | | | | | |
| 72/12/19 | 13 35 | 0003 | 7.90 | 15.00 | 0.93 | 68.00 | 10 | | | | | |
| 73/01/23 | 10 35 | 0003 | 5.50 | | | 32.00 | 15 | | | | | |
| 73/02/21 | 10 40 | 0003 | 12.00 | | | 45.00 | 22 | | | | | |
| 73/03/07 | 13 15 | 0003 | 10.00 | | | 66.00 | 13 | | | | | |
| 73/04/04 | 13 35 | 0001 | 100.00 | | | 36.00 | 75 | | | | | |
| 73/05/02 | 12 45 | 0001 | 58.00 | | | 45.00 | 56 | | | | | |
| 73/06/06 | 15 55 | 0002 | 110.00 | | | 61.00 | 66 | | | | | |
| 73/07/03 | 15 40 | 0001 | 130.00 | | | 46.00 | 75 | | | | | |
| 73/08/01 | 16 05 | 0001 | 79.00 | | | 23.00 | 77 | | | | | |
| 73/08/29 | 14 55 | 0001 | 30.00 | | | 20.00 | 60 | | | | | |
| 73/09/26 | 13 00 | 0001 | 37.00 | | | 39.00 | 48 | | | | | |
| 73/10/16 | 15 50 | 0002 | 60.00 | | | 26.00 | 69 | | | | | |
| 73/11/14 | 15 00 | 0002 | 140.00 | | | 89.00 | 61 | | | | | |
| 73/12/12 | 14 30 | 0003 | 18.00 | | | 100.00 | 15 | | | | | |
| 74/01/10 | 15 50 | 0002 | 7.40 | | | 100.00 | 7 | | | | | |
| 74/02/07 | 15 00 | 0002 | 18.00 | | | 98.00 | 16 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052528 P5
38 08 40.0 121 25 50.0 2
SYCAMORE SLOUGH NEAR LODI-P5
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/26 | 11 20 | 0003 | 226 | 33 | 11 | 113 | 0 | 0 | 173 | 556 |
| 72/10/17 | 10 50 | 0002 | 312 | 51 | 212 | 0 | 0 | 10 | 950 | 1535 |
| 72/11/21 | 10 55 | 0002 | 262 | 30 | 10 | 10 | 30 | 0 | 1879 | 2221 |
| 72/12/19 | 13 35 | 0003 | 108 | 7 | 0 | 36 | 115 | 0 | 143 | 409 |
| 73/01/23 | 10 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/21 | 10 40 | 0003 | 132 | 110 | 40 | 0 | 20 | 0 | 413 | 716 |
| 73/04/04 | 13 35 | 0001 | 2222 | 0 | 0 | 0 | 0 | 0 | 19640 | 21860 |
| 73/05/02 | 12 45 | 0001 | 2066 | 0 | 0 | 0 | 350 | 0 | 4698 | 7114 |
| 73/06/06 | 15 55 | 0002 | 588 | 0 | 0 | 2508 | 456 | 12 | 2220 | 5784 |
| 73/07/03 | 15 40 | 0001 | 1224 | 0 | 0 | 96 | 192 | 36 | 3816 | 5364 |
| 73/08/01 | 16 05 | 0001 | 540 | 0 | 0 | 36 | 96 | 0 | 1428 | 2100 |
| 73/08/29 | 14 55 | 0001 | 2160 | 0 | 12 | 132 | 432 | 36 | 2940 | 5712 |
| 73/09/26 | 13 00 | 0001 | 1585 | 122 | 20 | 101 | 657 | 10 | 625 | 4736 |
| 73/10/16 | 15 50 | 0002 | 3958 | 343 | 283 | 20 | 1535 | 0 | 2585 | 8724 |
| 73/11/14 | 15 00 | 0002 | 3071 | 0 | 0 | 38 | 38 | 0 | 12650 | 15797 |
| 73/12/12 | 14 30 | 0003 | 409 | 0 | 0 | 0 | 0 | 0 | 195 | 604 |
| 74/01/10 | 15 50 | 0002 | 227 | 0 | 0 | 202 | 0 | 0 | 178 | 607 |

STORET RETRIEVAL DATE 77/03/17

052528 P5
38 08 40.0 121 25 50.0 2
SYCAMORE SLOUGH NEAR LODI-P5
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/17 | 13 15 | 0005 | 7.8L | | | | | | | | |
| 68/08/14 | 14 10 | 0003 | 7.5 | | | | | | | | |
| 68/09/11 | 14 00 | 0003 | 5.5 | | | | | | | | |
| 68/11/13 | 13 10 | 0003 | | 5.9L | | | | | | | |
| 69/12/11 | 11 15 | 0003 | 2.4 | | | | | | | | |
| 69/02/10 | 10 40 | 0003 | 20.0 | | | | | | | | |
| 69/02/13 | 09 50 | 0003 | 34.0 | | | | | | | | |
| 69/03/25 | 10 10 | 0003 | 24.0 | | | | | | | | |
| 69/04/15 | 10 50 | 0003 | 21.5 | | | | | | | | |
| 69/05/23 | 09 35 | 0003 | 5.5 | | | | | | | | |
| 69/06/10 | 09 40 | 0003 | 2.8 | | | | | | | | |
| 69/07/17 | 08 25 | 0003 | 6.0L | | | | | | | | |
| 69/08/07 | 09 45 | 0002 | 5.2 | | | | | | | | |
| 69/09/18 | 10 05 | 0003 | 3.0 | | | | | | | | |
| 69/10/23 | 11 20 | 0002 | 31.0L | | | | | | | | |
| 69/11/14 | 10 30 | 0003 | 17.0 | | | | | | | | |
| 69/12/18 | 12 30 | 0003 | 2.1 | | | | | | | | |
| 70/01/12 | 10 40 | 0003 | 20.0 | | | | | | | | |
| 70/02/17 | 09 40 | 0003 | 48.0 | | | | | | | | |
| 70/03/12 | 08 45 | 0003 | 24.0 | | | | | | | | |
| 70/04/21 | 10 50 | 0002 | 8.0L | | | | | | | | |
| 70/05/12 | 10 30 | 0003 | 6.0 | | | | | | | | |
| 70/06/10 | 10 20 | 0003 | 4.8 | | | | | | | | |
| 70/07/08 | 09 15 | 0003 | 3.8 | | | | | | | | |
| 70/08/11 | 10 50 | 0003 | 6.4 | | | | | | | | |
| 70/09/17 | 09 30 | 0003 | 6.8 | | | | | | | | |
| 70/10/12 | 10 10 | 0002 | 11.2 | | | | | | | | |
| 70/11/16 | 09 35 | 0003 | 20.0 | | | | | | | | |
| 71/02/18 | 10 40 | 0003 | 36.0 | | | | | | | | |
| 71/03/22 | 10 05 | 0003 | 19.2 | | | | | | | | |
| 71/04/29 | 10 50 | 0003 | 9.5 | 11.5 | | | | | | | |
| 71/05/19 | 10 50 | 0003 | 13.2 | | | | | | | | |
| 71/06/10 | 10 45 | 0003 | 15.2 | | | | | | | | |
| 71/07/16 | 10 40 | 0003 | 8.5L | | | | | | | | |
| 71/08/10 | 10 10 | 0003 | 3.7 | | | | | | | | |
| 71/09/14 | 11 25 | 0002 | 17.2 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/17

052528 P5
38 08 40.0 121 25 50.0 2
SYCAMORE SLOUGH NEAR LODI-P5
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/10/06 | 10 35 | 0003 | | 22.0 | | | | | | | |
| 71/11/12 | 10 40 | 0003 | 8.9L | | | | | | | | |
| 71/12/10 | 11 00 | 0003 | 2.2 | | | | | | | | |
| 72/01/20 | 10 40 | 0003 | 31.2L | | | | | | | | |
| 72/02/24 | 11 05 | 0003 | 15.4 | | | | | | | | |
| 72/06/19 | 11 20 | 0003 | 3.8 | | | 19.2 | | | | | |
| 72/08/18 | 11 15 | 0002 | | | 6.2 | 15.0 | | | | | 21.0 |

STORET RETRIEVAL DATE 77/03/17

052529 P6
38 05 10.0 121 26 00.0 2
WHITE SLOUGH NEAR LODI-P6
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 26 00 LATITUDE - 38 05 10

MONITORING STATION FOR PERIPHERAL CANAL STUDY.

DESCRIPTION - LOCATED IN WHITE SLOUGH.APPROXIMATELY 2 MILES DOWN STREAM FROM A TURNOUT OF THE PROPOSED PERIPHERAL CANAL.

SAMPLING POINT - LOCATED FROM PIER IN WHITE SLOUGH AT THE ITERSECTION OF GUARD ROAD AND LEVEE ON NORTH SIDE OF SLOUGH.

SAMPLES COLLECTED BY BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

USBR FOR ALL OTHER ANALYSES.

STORET RETRIEVAL DATE 77/03/17

052529 P6
38 05 10.0 121 26 00.0 2
WHITE SLOUGH NEAR LODI-P6
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 10 40 | 0003 | 6.23C | | | | | | | | | |
| 69/01/23 | 10 40 | 0003 | 2.74C | | | | | | | | | |
| 69/02/14 | 10 15 | 0003 | 3.50C | | | | | | | | | |
| 69/04/15 | 11 40 | 0003 | 121.60C | | | | | | | | | |
| 69/05/22 | 09 35 | 0003 | 32.68C | | | | | | | | | |
| 69/06/09 | 08 45 | 0003 | 35.72C | | | | | | | | | |
| 69/07/17 | 09 15 | 0003 | 12.16C | | | | | | | | | |
| 69/08/07 | 10 20 | 0003 | 18.24C | | | | | | | | | |
| 69/09/17 | 10 00 | 0003 | 15.00 | 0.00 | 7.60 | 6.10 | 71 | | | | | |
| 69/10/23 | 12 15 | 0003 | 14.00 | 0.00 | 5.60 | 7.60 | 64 | | | | | |
| 69/11/14 | 11 05 | 0003 | 7.10 | 0.00 | 1.60 | 7.50 | 49 | | | | | |
| 69/12/18 | 11 45 | 0003 | 6.84C | | | | | | | | | |
| 70/01/12 | 10 10 | 0003 | 3.95C | | | | | | | | | |
| 70/02/17 | 10 15 | 0003 | 4.03C | | | | | | | | | |
| 70/03/12 | 09 20 | 0003 | 8.36C | | | | | | | | | |
| 70/04/21 | 11 35 | 0003 | 15.20C | | | | | | | | | |
| 70/05/12 | 11 00 | 0003 | 4.00 | 0.02 | 0.56 | 4.80 | 46 | | | | | |
| 70/06/10 | 10 45 | 0003 | 4.50 | 0.15 | 0.56 | 4.80 | 49 | | | | | |
| 70/07/08 | 10 00 | 0003 | 31.00 | 0.19 | 9.00 | 15.00 | 67 | | | | | |
| 70/08/11 | 11 30 | 0003 | 13.00 | 0.00 | 2.30 | 8.70 | 60 | | | | | |
| 70/09/17 | 10 25 | 0003 | 15.00 | 0.00 | 2.10 | 7.60 | 66 | | | | | |
| 70/10/12 | 10 45 | 0003 | 11.00 | 0.28 | 2.60 | 6.60 | 63 | | | | | |
| 70/11/16 | 10 05 | 0003 | 5.10 | 0.00 | 0.00 | 2.40 | 69 | | | | | |
| 71/02/18 | 10 15 | 0003 | 3.00 | 0.17 | 0.56 | 1.70 | 63 | | | | | |
| 71/03/22 | 10 40 | 0003 | 6.20 | 0.58 | 0.29 | 5.60 | 52 | | | | | |
| 71/04/29 | 10 10 | 0003 | 16.00 | 0.00 | 4.20 | 5.00 | 76 | | | | | |
| 71/05/19 | 10 10 | 0003 | 14.00 | 0.00 | 1.50 | 2.90 | 83 | | | | | |
| 71/06/10 | 10 00 | 0003 | 5.20 | 0.71 | 1.90 | 3.40 | 60 | | | | | |
| 71/07/16 | 10 00 | 0003 | 6.00 | 1.30 | 1.70 | 6.90 | 46 | | | | | |
| 71/08/10 | 09 40 | 0003 | 9.80 | 0.49 | 1.90 | 8.40 | 53 | | | | | |
| 71/09/14 | 11 00 | 0003 | 12.00 | 0.03 | 1.00 | 9.40 | 56 | | | | | |
| 71/10/06 | 10 05 | 0003 | 12.00 | 0.19 | 2.30 | 4.80 | 71 | | | | | |
| 71/11/12 | 10 00 | 0003 | 5.30 | 0.35 | 1.30 | 3.20 | 62 | | | | | |
| 71/12/10 | 10 30 | 0003 | 2.00 | 0.00 | 0.19 | 0.59 | 77 | | | | | |
| 72/01/20 | 10 00 | 0003 | 2.10 | 0.20 | 0.68 | 0.98 | 68 | | | | | |
| 72/02/24 | 10 20 | 0003 | 4.40 | 0.05 | 0.36 | 1.60 | 73 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052529 P6
38 05 10.0 121 26 00.0 2
WHITE SLOUGH NEAR LODI-P6
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

1138UREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/03/21 | 10 30 | 0003 | 4.30 | 0.03 | 0.88 | 1.20 | 78 | | | | | |
| 72/04/21 | 10 25 | 0003 | 9.30 | 0.42 | 0.61 | 3.80 | 70 | | | | | |
| 72/05/31 | 09 45 | 0003 | 6.40 | 0.46 | 0.12 | 4.40 | 59 | | | | | |
| 72/06/19 | 10 30 | 0002 | 6.50 | 0.56 | 1.60 | 4.50 | 59 | | | | | |
| 72/07/14 | 10 30 | 0003 | 10.00 | 0.92 | 2.80 | 7.40 | 58 | | | | | |
| 72/08/18 | 10 30 | 0002 | 9.30 | 0.41 | 1.90 | 4.30 | 68 | | | | | |
| 72/09/26 | 10 45 | 0003 | 7.30 | 0.38 | 0.18 | 4.80 | 60 | | | | | |
| 72/10/17 | 10 15 | 0001 | 4.60 | 0.68 | 0.77 | 4.20 | 52 | | | | | |
| 72/11/21 | 10 15 | 0002 | 2.50 | 0.58 | 0.42 | 2.40 | 50 | | | | | |
| 72/12/19 | 11 45 | 0003 | 1.10 | 0.03 | 0.08 | 0.61 | 64 | | | | | |
| 73/01/23 | 10 10 | 0003 | 0.95 | | | 1.30 | 42 | | | | | |
| 73/03/06 | 08 35 | 0003 | 2.50 | | | 1.30 | 66 | | | | | |
| 73/11/13 | 10 20 | 0003 | 3.20 | | | 2.30 | 58 | | | | | |
| 73/12/11 | 09 40 | 0003 | 0.74 | | | 1.20 | 37 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/26 | 10 45 | 0003 | 0 | 6 | 0 | 0 | 0 | 3 | 162 | 171 |
| 72/10/17 | 10 15 | 0001 | 10 | 0 | 0 | 0 | 0 | 0 | 90 | 100 |
| 72/11/21 | 10 15 | 0002 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 25 |
| 72/12/19 | 11 45 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 20 | 30 |
| 73/01/23 | 10 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/11/13 | 10 20 | 0003 | 10 | 0 | 15 | 0 | 35 | 0 | 75 | 135 |

STORET RETRIEVAL DATE 77/03/17

052529 P6
38 05 10.0 121 26 00.0 2
WHITE SLOUGH NEAR LODI-P6
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/17 | 12 45 | 0003 | 0.5 | | | | | | | | |
| 68/08/14 | 13 45 | 0003 | 2.0 | | | | | | | | |
| 68/09/11 | 13 45 | 0003 | 0.5 | | | | | | | | |
| 68/11/13 | 12 40 | 0003 | | 1.6 | | | | | | | |
| 68/12/11 | 10 40 | 0003 | 1.6 | | | | | | | | |
| 69/01/23 | 10 40 | 0003 | 2.3 | | | | | | | | |
| 69/02/14 | 10 15 | 0003 | 1.9 | | | | | | | | |
| 69/03/24 | 09 45 | 0003 | 0.7 | | | | | | | | |
| 69/04/15 | 11 40 | 0003 | 4.1 | | | | | | | | |
| 69/05/22 | 09 35 | 0003 | 1.9 | | | | | | | | |
| 69/06/09 | 09 45 | 0003 | 2.1 | | | | | | | | |
| 69/07/17 | 09 15 | 0003 | 0.9 | | | | | | | | |
| 69/08/07 | 10 20 | 0003 | 1.7 | | | | | | | | |
| 69/09/17 | 10 00 | 0003 | 1.3 | | | | | | | | |
| 69/10/23 | 12 15 | 0003 | 1.5 | | | | | | | | |
| 69/11/14 | 11 05 | 0003 | 1.3 | | | | | | | | |
| 69/12/18 | 11 45 | 0003 | 1.3 | | | | | | | | |
| 70/01/12 | 10 10 | 0003 | 1.1 | | | | | | | | |
| 70/02/17 | 10 15 | 0003 | 1.2 | | | | | | | | |
| 70/03/12 | 09 20 | 0003 | 1.5 | | | | | | | | |
| 70/04/21 | 11 35 | 0003 | 1.5 | | | | | | | | |
| 70/05/12 | 11 00 | 0003 | 1.0 | | | | | | | | |
| 70/06/10 | 10 45 | 0003 | 1.1 | | | | | | | | |
| 70/07/08 | 10 00 | 0003 | 1.7 | | | | | | | | |
| 70/08/11 | 11 30 | 0003 | 0.2 | | | | | | | | |
| 70/09/17 | 10 25 | 0003 | 1.1 | | | | | | | | |
| 70/10/12 | 10 45 | 0003 | 1.5 | | | | | | | | |
| 70/11/16 | 10 05 | 0003 | 0.7 | | | | | | | | |
| 71/02/18 | 10 15 | 0003 | 0.9 | | | | | | | | |
| 71/03/22 | 10 40 | 0003 | 1.3 | | | | | | | | |
| 71/04/29 | 10 10 | 0003 | 1.2 | 1.4 | | | | | | | |
| 71/05/19 | 10 10 | 0003 | 1.1 | | | | | | | | |
| 71/06/10 | 10 00 | 0003 | 1.0 | | | | | | | | |
| 71/07/16 | 10 00 | 0003 | 1.2 | | | | | | | | |
| 71/08/10 | 09 40 | 0003 | 1.3 | | | | | | | | |
| 71/09/14 | 11 00 | 0003 | 1.3 | | | | | | | | |
| 71/10/06 | 10 05 | 0003 | | 1.7 | | | | | | | |
| 71/11/12 | 10 00 | 0003 | 1.4 | | | | | | | | |
| 71/12/10 | 10 30 | 0003 | 1.5 | | | | | | | | |
| 72/01/20 | 10 00 | 0003 | 1.7 | | | | | | | | |
| 72/02/24 | 10 20 | 0003 | 1.1 | | | | | | | | |
| 72/06/19 | 10 30 | 0002 | 2.0 | | | 4.8 | | | | | |
| 72/08/18 | 10 30 | 0002 | | | 3.6 | 6.8 | | | | | 16.2 |

STORET RETRIEVAL DATE 77/03/17

052530 P7
38 02 40.0 121 23 10.0 2
DISAPPOINTMENT SLOUGH NEAR LODI
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . |



DESCRIPTION

LONGITUDE - 121 23 10 LATITUDE - 38 02 40

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED ON PUMP DECK NORTH BANK OF DISAPPOINTMENT SLOUGH, ABOUT TWO MILES WEST OF THORNTON ROAD ON ATHERTON ROAD AT PUMP HOUSE.

SAMPLING POINT - IN DISAPPOINTMENT SLOUGH FROM PUMP HOUSE DOCK OFF NORTH SIDE OF LEVEE ON ATHERTON ROAD.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052530 P7
38 02 40.0 121 23 10.0 2
DISAPPOINTMENT SLOUGH NEAR LODI
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 10 00 | 0003 | 19.00C | | | | | | | | | |
| 69/01/23 | 11 45 | 0003 | 5.85C | | | | | | | | | |
| 69/02/14 | 11 30 | 0002 | 9.12C | | | | | | | | | |
| 69/04/15 | 13 20 | 0001 | 59.28C | | | | | | | | | |
| 69/05/22 | 11 15 | 0001 | 53.96C | | | | | | | | | |
| 69/06/09 | 10 25 | 0001 | 50.16C | | | | | | | | | |
| 69/07/17 | 10 55 | 0001 | 47.12C | | | | | | | | | |
| 69/08/07 | 11 55 | 0003 | 47.88C | | | | | | | | | |
| 69/09/17 | 11 35 | 0003 | 36.00 | 1.30 | 5.40 | 4.30 | 90 | | | | | |
| 69/10/23 | 14 15 | 0003 | 47.00 | 0.00 | 20.00 | 15.00 | 76 | | | | | |
| 69/11/14 | 12 15 | 0003 | 63.00 | 0.00 | 0.00 | 6.10 | 91 | | | | | |
| 69/12/18 | 10 50 | 0003 | 28.88C | | | | | | | | | |
| 70/01/12 | 08 45 | 0003 | 9.88C | | | | | | | | | |
| 70/02/17 | 11 00 | 0003 | 28.12C | | | | | | | | | |
| 70/03/12 | 10 05 | 0003 | 20.52C | | | | | | | | | |
| 70/04/21 | 13 00 | 0003 | 91.20C | | | | | | | | | |
| 70/05/12 | 12 35 | 0003 | 49.00 | 0.88 | 14.00 | 17.00 | 74 | | | | | |
| 70/06/10 | 12 15 | 0003 | 54.00 | 2.00 | 7.70 | 18.00 | 74 | | | | | |
| 70/07/08 | 11 45 | 0003 | 36.00 | 2.00 | 7.40 | 17.00 | 69 | | | | | |
| 70/08/11 | 12 40 | 0003 | 63.00 | 0.00 | 14.00 | 14.00 | 83 | | | | | |
| 70/09/17 | 11 40 | 0003 | 46.00 | 0.00 | 7.80 | 13.00 | 77 | | | | | |
| 70/10/12 | 11 45 | 0003 | 29.00 | 0.18 | 6.40 | 13.00 | 70 | | | | | |
| 70/11/16 | 11 20 | 0003 | 17.00 | 0.27 | 3.40 | 7.80 | 69 | | | | | |
| 71/02/17 | 10 35 | 0003 | 16.00 | 1.60 | 3.20 | 6.40 | 71 | | | | | |
| 71/03/22 | 11 55 | 0003 | 13.00 | 0.49 | 1.40 | 8.70 | 59 | | | | | |
| 71/04/28 | 10 10 | 0003 | 43.00 | 0.00 | 13.00 | 13.00 | 77 | | | | | |
| 71/05/18 | 10 50 | 0003 | 45.00 | 0.00 | 10.00 | 15.00 | 75 | | | | | |
| 71/06/09 | 10 50 | 0003 | 29.00 | 0.99 | 8.60 | 16.00 | 64 | | | | | |
| 71/07/15 | 10 45 | 0003 | 38.00 | 2.80 | 12.00 | 19.00 | 65 | | | | | |
| 71/08/09 | 09 55 | 0003 | 27.00 | 0.58 | 6.30 | 16.00 | 63 | | | | | |
| 71/09/13 | 10 40 | 0003 | 28.00 | 0.55 | 5.70 | 13.00 | 68 | | | | | |
| 71/10/05 | 10 00 | 0003 | 28.00 | 0.00 | 7.20 | 13.00 | 68 | | | | | |
| 71/11/11 | 10 30 | 0003 | 23.00 | 0.10 | 4.80 | 10.00 | 69 | | | | | |
| 71/12/09 | 10 30 | 0003 | 33.00 | 0.00 | 5.60 | 4.80 | 87 | | | | | |
| 72/01/19 | 10 30 | 0003 | 6.50 | 0.45 | 1.20 | 3.10 | 67 | | | | | |
| 72/02/23 | 10 25 | 0003 | 19.00 | 0.10 | 1.90 | 4.90 | 79 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052530 P7
38 02 40.0 121 23 10.0 2
DISAPPOINTMENT SLOUGH NEAR LODI
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/03/20 | 11 00 | 0003 | 37.00 | 0.00 | 6.40 | 7.80 | 82 | | | | | |
| 72/04/20 | 10 00 | 0003 | 69.00 | 0.09 | 9.50 | 22.00 | 75 | | | | | |
| 72/05/30 | 10 05 | 0003 | 36.00 | 1.70 | 4.00 | 17.00 | 68 | | | | | |
| 72/06/16 | 08 20 | 0003 | 25.00 | 0.53 | 3.40 | 16.00 | 60 | | | | | |
| 72/07/13 | 10 45 | 0003 | 25.00 | 2.20 | 3.40 | 16.00 | 60 | | | | | |
| 72/08/17 | 11 00 | 0003 | 32.00 | 0.00 | 0.00 | 8.00 | 80 | | | | | |
| 72/09/25 | 11 00 | 0003 | 33.00 | 1.10 | 4.80 | 13.00 | 71 | | | | | |
| 72/10/16 | 11 05 | 0003 | 11.00 | 0.62 | 0.84 | 7.80 | 57 | | | | | |
| 72/11/21 | 08 30 | 0003 | 6.60 | 1.30 | 1.20 | 7.20 | 47 | | | | | |
| 72/12/19 | 10 55 | 0003 | 3.30 | 0.36 | 0.56 | 2.70 | 55 | | | | | |
| 73/01/22 | 10 20 | 0003 | 1.60 | | | 4.80 | 26 | | | | | |
| 73/02/20 | 10 25 | 0003 | 7.10 | | | 6.80 | 51 | | | | | |
| 73/03/06 | 09 40 | 0003 | 7.20 | | | 8.00 | 48 | | | | | |
| 73/04/03 | 09 10 | 0002 | 110.00 | | | 15.00 | 88 | | | | | |
| 73/05/01 | 08 20 | 0003 | 35.00 | | | 12.00 | 74 | | | | | |
| 73/06/05 | 13 00 | 0003 | 72.00 | | | 17.00 | 81 | | | | | |
| 73/07/02 | 12 10 | 0003 | 100.00 | | | 25.00 | 81 | | | | | |
| 73/07/31 | 10 50 | 0003 | 59.00 | | | 15.00 | 79 | | | | | |
| 73/08/28 | 11 00 | 0003 | 68.00 | | | 13.00 | 83 | | | | | |
| 73/09/25 | 08 40 | 0003 | 57.00 | | | 10.00 | 84 | | | | | |
| 73/10/15 | 12 00 | 0003 | 32.00 | | | 10.00 | 75 | | | | | |
| 73/11/13 | 11 30 | 0003 | 20.00 | | | 7.20 | 73 | | | | | |
| 73/12/11 | 10 55 | 0003 | 4.00 | | | 5.10 | 44 | | | | | |
| 74/01/09 | 10 25 | 0003 | 2.20 | | | 6.30 | 27 | | | | | |
| 74/02/06 | 09 30 | 0003 | 8.40 | | | 5.80 | 59 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052530 P7
38 02 40.0 121 23 10.0 2
DISAPPOINTMENT SLOUGH NEAR LODI
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/25 | 11 00 | 0003 | 5 | 0 | 0 | 0 | 0 | 0 | 822 | 827 |
| 72/10/16 | 11 05 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 373 | 393 |
| 72/11/21 | 08 30 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 242 | 252 |
| 72/12/19 | 10 55 | 0003 | 5 | 0 | 0 | 0 | 0 | 0 | 35 | 40 |
| 73/01/22 | 10 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/20 | 10 25 | 0003 | 131 | 0 | 0 | 0 | 0 | 0 | 40 | 171 |
| 73/06/05 | 13 00 | 0003 | 12 | 0 | 0 | 0 | 24 | 0 | 1392 | 1428 |
| 73/07/02 | 12 10 | 0003 | 84 | 0 | 0 | 12 | 96 | 12 | 1752 | 1956 |
| 73/07/31 | 10 50 | 0003 | 48 | 0 | 0 | 0 | 36 | 0 | 996 | 1080 |
| 73/08/28 | 11 00 | 0003 | 60 | 0 | 0 | 0 | 84 | 0 | 1200 | 1344 |
| 73/09/25 | 08 40 | 0003 | 0 | 0 | 23 | 0 | 0 | 0 | 1285 | 1308 |
| 73/10/15 | 12 00 | 0003 | 252 | 0 | 101 | 0 | 61 | 40 | 1556 | 2010 |
| 73/12/11 | 10 55 | 0003 | 30 | 0 | 0 | 0 | 51 | 0 | 60 | 141 |
| 74/01/09 | 10 25 | 0003 | 110 | 10 | 0 | 0 | 20 | 0 | 70 | 210 |
| 74/02/06 | 09 30 | 0003 | 505 | 0 | 20 | 10 | 333 | 20 | 575 | 1463 |

STORET RETRIEVAL DATE 77/03/17

052530 P7
38 02 40.0 121 23 10.0 2
DISAPPOINTMENT SLOUGH NEAR LODI
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/17 | 11 30 | 0001 | 3.1 | | | | | | | | |
| 68/09/11 | 11 45 | 0003 | 0.6 | | | | | | | | |
| 68/11/13 | 10 55 | 0003 | | 4.7 | | | | | | | |
| 68/12/11 | 10 00 | 0003 | 2.3 | | | | | | | | |
| 69/01/23 | 11 45 | 0003 | 4.4 | | | | | | | | |
| 69/02/14 | 11 30 | 0002 | 5.1 | | | | | | | | |
| 69/03/24 | 11 20 | 0001 | 7.2 | | | | | | | | |
| 69/04/15 | 13 20 | 0001 | 5.8 | | | | | | | | |
| 69/05/22 | 11 15 | 0001 | 3.4 | | | | | | | | |
| 69/06/09 | 10 25 | 0001 | 3.1 | | | | | | | | |
| 69/07/17 | 10 55 | 0001 | 3.0 | | | | | | | | |
| 69/08/07 | 11 55 | 0003 | 3.3 | | | | | | | | |
| 69/09/17 | 11 35 | 0003 | 8.0 | | | | | | | | |
| 69/10/23 | 14 15 | 0003 | 3.8 | | | | | | | | |
| 69/11/14 | 12 15 | 0003 | 4.5 | | | | | | | | |
| 69/12/18 | 10 50 | 0003 | 2.4 | | | | | | | | |
| 70/01/12 | 08 45 | 0003 | 1.9 | | | | | | | | |
| 70/02/17 | 11 00 | 0003 | 5.2 | | | | | | | | |
| 70/03/12 | 10 05 | 0003 | 3.2 | | | | | | | | |
| 70/04/21 | 13 00 | 0003 | 5.1 | | | | | | | | |
| 70/05/12 | 12 35 | 0003 | 4.2 | | | | | | | | |
| 70/06/10 | 12 15 | 0003 | 3.2 | | | | | | | | |
| 70/07/08 | 11 45 | 0003 | 2.6 | | | | | | | | |
| 70/08/11 | 12 40 | 0003 | 2.5 | | | | | | | | |
| 70/09/17 | 11 40 | 0003 | 2.6 | | | | | | | | |
| 70/10/12 | 11 45 | 0003 | 2.7 | | | | | | | | |
| 70/11/16 | 11 20 | 0003 | 1.6 | | | | | | | | |
| 71/02/17 | 10 35 | 0003 | 2.3 | | | | | | | | |
| 71/03/22 | 11 55 | 0003 | 2.8 | | | | | | | | |
| 71/04/28 | 10 10 | 0003 | 2.7 | | | | | | | | |
| 71/05/18 | 10 50 | 0003 | 3.2 | | | | | | | | |
| 71/06/09 | 10 50 | 0003 | 3.0 | | | | | | | | |
| 71/07/15 | 10 45 | 0003 | 2.9 | | | | | | | | |
| 71/08/09 | 09 55 | 0003 | 3.0 | | | | | | | | |
| 71/09/13 | 10 40 | 0003 | 3.2 | | | | | | | | |
| 71/10/05 | 10 00 | 0003 | | | 2.5 | | | | | | |
| 71/11/11 | 10 30 | 0003 | 2.9 | | | | | | | | |
| 71/12/09 | 10 30 | 0003 | 2.7 | | | | | | | | |
| 72/01/19 | 10 30 | 0003 | 2.1 | | | | | | | | |
| 72/02/23 | 10 25 | 0003 | 2.1 | | | | | | | | |
| 72/06/16 | 08 20 | 0003 | 2.8 | | | 14.2 | | | | | 16.0 |
| 72/08/17 | 11 00 | 0003 | | | 2.8 | 8.0 | | | | | 11.6 |

STOPET RETRIEVAL DATE 77/03/17

052537 P14
38 05 10.0 121 24 10.0 2
WHITE SLOUGH AT RIO BLANCO TRACT
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 24 10 LATITUDE - 38 05 10

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED IN A SMALL DEAD-END SLOUGH IN THE EASTERN DELTA.

APPROXIMATELY 100 YARDS DOWNSTREAM FROM A TURNOUT OF THE PROPOSED

PERIPHERAL CANAL.

SAMPLING POINT - IN WHITE SLOUGH. FROM THE EAST SIDE OF A BRIDGE.

CONNECTING RIO BLANCO TRACT AND SHIN KEE TRACT.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY

METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY

PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052537 P14
39 05 10.0 121 24 10.0 2
WHITE SLOUGH AT RIO BLANCO TRACT
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/10 | 09 30 | 0003 | 12.16C | | | | | | | | | |
| 69/02/14 | 10 50 | 0003 | 13.68C | | | | | | | | | |
| 69/04/15 | 12 30 | 0003 | 152.00C | | | | | | | | | |
| 69/05/22 | 10 30 | 0003 | 28.80C | | | | | | | | | |
| 69/06/09 | 09 40 | 0003 | 83.60C | | | | | | | | | |
| 69/07/17 | 10 10 | 0003 | 41.80C | | | | | | | | | |
| 69/08/07 | 13 30 | 0002 | 45.60C | | | | | | | | | |
| 69/09/17 | 10 50 | 0003 | 31.00 | 0.00 | 5.70 | 18.00 | 63 | | | | | |
| 69/10/23 | 13 30 | 0003 | 110.00 | 10.00 | 32.00 | 75.00 | 60 | | | | | |
| 69/12/18 | 11 15 | 0003 | 6.99C | | | | | | | | | |
| 70/01/12 | 09 20 | 0003 | 4.64C | | | | | | | | | |
| 70/04/21 | 12 20 | 0003 | 83.60C | | | | | | | | | |
| 70/05/12 | 11 50 | 0003 | 42.00 | 3.80 | 16.00 | 23.00 | 64 | | | | | |
| 70/06/10 | 11 30 | 0003 | 79.00 | 2.30 | 9.30 | 29.00 | 73 | | | | | |
| 70/07/08 | 10 55 | 0003 | 110.00 | 2.90 | 59.00 | 26.00 | 81 | | | | | |
| 70/08/11 | 12 10 | 0003 | 38.00 | 2.50 | 7.00 | 25.00 | 60 | | | | | |
| 70/09/17 | 11 05 | 0003 | 21.00 | 1.20 | 3.00 | 14.00 | 60 | | | | | |
| 70/10/12 | 11 15 | 0003 | 11.00 | 0.91 | 1.80 | 7.10 | 60 | | | | | |
| 70/11/16 | 10 45 | 0003 | 3.80 | | | 5.20 | 43 | | | | | |
| 71/02/17 | 09 25 | 0003 | 8.00 | 0.55 | 0.79 | 4.50 | 64 | | | | | |
| 71/03/22 | 11 20 | 0003 | 69.00 | 4.60 | 5.80 | 21.00 | 76 | | | | | |
| 71/04/28 | 09 15 | 0003 | 34.00 | 0.55 | 7.20 | 8.50 | 79 | | | | | |
| 71/05/18 | 10 15 | 0003 | 140.00 | 0.00 | 42.00 | 45.00 | 76 | | | | | |
| 71/06/09 | 10 02 | 0003 | 59.00 | 0.00 | 9.90 | 16.00 | 78 | | | | | |
| 71/07/15 | 09 45 | 0003 | 60.00 | 4.90 | 18.00 | 38.00 | 61 | | | | | |
| 71/08/09 | 09 15 | 0003 | 13.00 | 2.30 | 3.50 | 20.00 | 39 | | | | | |
| 71/09/13 | 09 55 | 0003 | 38.00 | 4.20 | 6.50 | 14.00 | 72 | | | | | |
| 71/10/05 | 09 20 | 0003 | 19.00 | 1.20 | 4.20 | 17.00 | 53 | | | | | |
| 71/11/11 | 09 45 | 0003 | 2.80 | 1.50 | 1.90 | 8.10 | 25 | | | | | |
| 71/12/09 | 09 55 | 0003 | 31.00 | 0.00 | 5.60 | 5.70 | 84 | | | | | |
| 72/01/19 | 09 35 | 0003 | 6.20 | 0.52 | 1.30 | 3.30 | 65 | | | | | |
| 72/02/23 | 09 45 | 0003 | 16.00 | 0.51 | 2.10 | 9.20 | 63 | | | | | |
| 72/03/20 | 10 30 | 0003 | 20.00 | 0.00 | 3.00 | 7.30 | 72 | | | | | |
| 72/04/20 | 08 55 | 0003 | 130.00 | 2.40 | 35.00 | 38.00 | 77 | | | | | |
| 72/05/30 | 09 15 | 0003 | 70.00 | 2.20 | 12.00 | 31.00 | 69 | | | | | |
| 72/06/16 | 07 35 | 0003 | 42.00 | 0.37 | 7.70 | 25.00 | 62 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052537 P14
38 05 10.0 121 24 10.0 2
WHITE SLOUGH AT RIO BLANCO TRACT
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/07/13 | 09 50 | 0003 | 19.00 | 3.40 | 3.70 | 19.00 | 49 | | | | | |
| 72/08/17 | 10 00 | 0003 | 48.00 | 3.30 | 8.20 | 20.00 | 70 | | | | | |
| 72/09/25 | 10 15 | 0003 | 51.00 | 3.50 | 11.00 | 21.00 | 71 | | | | | |
| 72/10/16 | 10 20 | 0003 | 18.00 | 4.70 | 3.30 | 13.00 | 57 | | | | | |
| 72/11/21 | 09 20 | 0003 | 6.10 | 0.94 | 1.20 | 6.20 | 49 | | | | | |
| 73/02/20 | 09 35 | 0003 | 2.60 | | | 4.60 | 36 | | | | | |
| 73/04/03 | 08 20 | 0003 | 57.00 | | | 57.00 | 50 | | | | | |
| 73/05/01 | 07 20 | 0003 | 58.00 | | | 25.00 | 70 | | | | | |
| 73/06/05 | 11 30 | 0003 | 83.00 | | | 33.00 | 72 | | | | | |
| 73/07/02 | 10 45 | 0003 | 86.00 | | | 25.00 | 77 | | | | | |
| 73/07/31 | 09 45 | 0003 | 22.00 | | | 10.00 | 68 | | | | | |
| 73/08/28 | 09 55 | 0003 | 83.00 | | | 34.00 | 71 | | | | | |
| 73/09/25 | 07 45 | 0003 | 40.00 | | | 25.00 | 61 | | | | | |
| 73/10/15 | 11 15 | 0003 | 46.00 | | | 12.00 | 79 | | | | | |
| 74/02/06 | 08 40 | 0003 | 7.80 | | | 15.00 | 34 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052537 P14
38 05 10.0 121 24 10.0 2
WHITE SLOUGH AT RIO BLANCO TRACT
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/25 | 10 15 | 0003 | 697 | 0 | 818 | 167 | 1075 | 15 | 3318 | 6090 |
| 72/10/16 | 10 20 | 0003 | 607 | 0 | 0 | 354 | 0 | 0 | 429 | 1390 |
| 72/11/21 | 09 20 | 0003 | 60 | 0 | 0 | 0 | 10 | 0 | 505 | 575 |
| 73/02/20 | 09 35 | 0003 | 5 | 0 | 0 | 0 | 0 | 0 | 110 | 115 |
| 73/04/03 | 08 20 | 0003 | 5300 | 0 | 2668 | 0 | 455 | 0 | 6000 | 14423 |
| 73/05/01 | 07 20 | 0003 | 36 | 0 | 0 | 0 | 132 | 0 | 1848 | 2016 |
| 73/06/05 | 11 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1392 | 1392 |
| 73/07/02 | 10 45 | 0003 | 408 | 0 | 0 | 3396 | 264 | 12 | 3288 | 7368 |
| 73/07/31 | 09 45 | 0003 | 288 | 0 | 0 | 0 | 60 | 12 | 636 | 996 |
| 73/08/28 | 09 55 | 0003 | 1608 | 0 | 48 | 216 | 144 | 0 | 2184 | 4200 |
| 73/09/25 | 07 45 | 0003 | 1506 | 0 | 184 | 0 | 146 | 19 | 1905 | 3760 |
| 73/10/15 | 11 15 | 0003 | 3681 | 0 | 561 | 0 | 924 | 15 | 3515 | 8696 |
| 74/02/06 | 08 40 | 0003 | 297 | 0 | 5 | 10 | 76 | 0 | 126 | 514 |

STORET RETRIEVAL DATE 77/03/17

052537 P14
38 05 10.0 121 24 10.0 2
WHITE SLOUGH AT RIO BLANCO TRACT
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/11 | 12 30 | 0003 | 100.0 | | | | | | | | |
| 68/11/13 | 11 25 | 0003 | | 19.5 | | | | | | | |
| 69/02/10 | 09 30 | 0003 | 3.6 | | | | | | | | |
| 69/02/14 | 10 50 | 0003 | 8.5 | | | | | | | | |
| 69/03/24 | 10 40 | 0003 | 3.9 | | | | | | | | |
| 69/04/15 | 12 30 | 0003 | 7.9L | | | | | | | | |
| 69/05/22 | 10 30 | 0003 | 5.1 | | | | | | | | |
| 69/06/09 | 09 40 | 0003 | 4.4 | | | | | | | | |
| 69/07/17 | 10 10 | 0003 | 3.0 | | | | | | | | |
| 69/08/07 | 11 05 | 0003 | 6.4 | | | | | | | | |
| 69/09/17 | 10 50 | 0003 | 4.8 | | | | | | | | |
| 69/10/23 | 13 30 | 0003 | 11.4 | | | | | | | | |
| 69/12/18 | 11 15 | 0003 | 2.4 | | | | | | | | |
| 70/01/12 | 09 20 | 0003 | 4.7 | | | | | | | | |
| 70/04/21 | 12 20 | 0003 | 8.6L | | | | | | | | |
| 70/05/12 | 11 50 | 0003 | 7.0L | | | | | | | | |
| 70/06/10 | 11 30 | 0003 | 5.2 | | | | | | | | |
| 70/07/08 | 10 55 | 0003 | 6.4 | | | | | | | | |
| 70/08/11 | 12 10 | 0003 | 3.5 | | | | | | | | |
| 70/09/17 | 11 05 | 0003 | 3.5 | | | | | | | | |
| 70/10/12 | 11 15 | 0003 | 4.0 | | | | | | | | |
| 70/11/16 | 10 45 | 0003 | 3.6 | | | | | | | | |
| 71/02/17 | 09 25 | 0003 | 3.8 | | | | | | | | |
| 71/03/22 | 11 20 | 0003 | 12.0 | | | | | | | | |
| 71/04/28 | 09 15 | 0003 | 3.2 | | | | | | | | |
| 71/05/18 | 10 15 | 0003 | 9.2 | | | | | | | | |
| 71/06/09 | 10 02 | 0003 | 6.5 | | | | | | | | |
| 71/07/15 | 09 45 | 0003 | 8.1 | | | | | | | | |
| 71/08/09 | 09 15 | 0003 | 5.2 | | | | | | | | |
| 71/09/13 | 09 55 | 0003 | 56.0 | | | | | | | | |
| 71/10/05 | 09 20 | 0003 | | | 4.8 | | | | | | |
| 71/11/11 | 09 45 | 0003 | 4.0 | | | | | | | | |
| 71/12/09 | 09 55 | 0003 | 6.3 | | | | | | | | |
| 72/01/19 | 09 35 | 0003 | 4.3 | | | | | | | | |
| 72/02/23 | 09 45 | 0003 | 4.5 | | | | | | | | |
| 72/06/16 | 07 35 | 0003 | 3.5 | | | 14.8 | | | | | 23.5 |
| 72/08/17 | 10 00 | 0003 | | | 10.2 | 19.4 | | | | | 26.6 |

# Southern Delta

STORET RETRIEVAL DATE 77/03/21

052585 C6
37 51 54.0 121 19 18.0 2
SAN JOAQUIN R AT BRANDT BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 19 18 LATITUDE - 37 51 54

MONITORING STATION FOR DELTA-SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN THE SAN JOAQUIN RIVER AT BRANDT BRIDGE.

SAMPLING POINT - LOCATED ON NORTH SIDE OF BRANDT BRIDGE FIFTY FEET FROM EAST BANK.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/21

052585 C6
37 51 54.0 121 19 18.0 2
SAN JOAQUIN R AT BRANDT BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 11 20 | 0001 | 16.00 | | | 7.40 | 70 | | | | | |
| 74/04/09 | 11 05 | 0001 | 11.00 | | | 7.50 | 61 | | | | | |
| 74/04/24 | 10 05 | 0003 | 27.00 | | | 9.40 | 75 | | | | | |
| 74/05/08 | 10 15 | 0003 | 39.00 | | | 14.00 | 74 | | | | | |
| 74/05/22 | 09 10 | 0003 | 37.00 | | | 11.00 | 76 | | | | | |
| 74/06/05 | 08 45 | 0003 | 32.00 | | | 13.00 | 71 | | | | | |
| 74/06/24 | 12 30 | 0003 | 60.00 | | | 27.00 | 69 | | | | | |
| 74/07/08 | 12 00 | 0003 | 44.00 | | | 34.00 | 57 | | | | | |
| 74/07/22 | 12 40 | 0003 | 67.00 | | | 53.00 | 56 | | | | | |
| 74/08/06 | 11 20 | 0003 | 42.00 | | | 44.00 | 49 | | | | | |
| 74/08/22 | 13 10 | 0003 | 48.00 | | | 44.00 | 52 | | | | | |
| 74/09/04 | 11 00 | 0003 | 64.00 | | | 46.00 | 58 | | | | | |
| 74/09/18 | 10 30 | 0003 | 61.00 | | | 20.00 | 75 | | | | | |
| 74/10/02 | 10 15 | 0003 | 30.00 | | | 15.00 | 66 | | | | | |
| 74/10/16 | 10 10 | 0003 | 23.00 | | | 14.00 | 62 | | | | | |
| 74/11/06 | 13 15 | 0003 | 6.10 | | | 2.80 | 68 | | | | | |
| 74/11/18 | 11 50 | 0003 | 5.50 | | | 3.70 | 60 | | | | | |
| 74/12/17 | 11 40 | 0003 | 2.50 | | | 2.50 | 51 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052585 C6
37 51 54.0 121 19 18.0 2
SAN JOAQUIN R AT BRANDT BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/24 | 10 05 | 0003 | 1474 | 0 | 22 | 132 | 0 | 0 | 2354 | 3982 |
| 74/05/08 | 10 15 | 0003 | 990 | 0 | 0 | 0 | 0 | 0 | 4862 | 5852 |
| 74/05/22 | 09 10 | 0003 | 1100 | 0 | 0 | 44 | 0 | 0 | 2554 | 3698 |
| 74/06/05 | 08 45 | 0003 | 792 | 0 | 0 | 484 | 0 | 66 | 2486 | 3828 |
| 74/06/24 | 12 30 | 0003 | 516 | 0 | 0 | 172 | 91 | 0 | 3425 | 4204 |
| 74/07/08 | 12 00 | 0003 | 1100 | 0 | 0 | 22 | 44 | 0 | 2090 | 3256 |
| 74/07/22 | 12 40 | 0003 | 6006 | 22 | 0 | 1936 | 154 | 0 | 3718 | 11830 |
| 74/08/06 | 11 20 | 0003 | 1606 | 0 | 0 | 88 | 88 | 0 | 2926 | 4708 |
| 74/08/22 | 13 10 | 0003 | 2354 | 0 | 0 | 198 | 198 | 0 | 1452 | 4202 |
| 74/09/04 | 11 00 | 0003 | 220 | 0 | 0 | 66 | 66 | 0 | 3300 | 3652 |
| 74/09/18 | 10 30 | 0003 | 264 | 0 | 0 | 110 | 0 | 0 | 3740 | 4114 |
| 74/10/02 | 10 15 | 0003 | 308 | 0 | 0 | 924 | 22 | 0 | 1716 | 2970 |
| 74/10/16 | 10 10 | 0003 | 256 | 0 | 22 | 2178 | 0 | 0 | 2332 | 4788 |
| 74/11/06 | 13 15 | 0003 | 242 | 22 | 0 | 66 | 0 | 0 | 1452 | 1782 |
| 74/11/18 | 11 50 | 0003 | 154 | 44 | 0 | 22 | 0 | 0 | 1056 | 1276 |
| 74/12/17 | 11 40 | 0003 | 154 | 0 | 0 | 0 | 0 | 0 | 286 | 440 |

STORET RETRIEVAL DATE 77/03/21

052586 C7
37 47 11.0 121 18 22.0 2
SAN JOAQUIN @ MOSSDALE BRIDGE-C7
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0002 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 18 24 LATITUDE - 37 47 11

MONITORING STATION FOR US BUREAU OF RECLAMATION.

DESCRIPTION - LOCATED ON SAN JOAQUIN RIVER NEAR STEWARTS TRACT.

SAMPLING POINT- SAMPLES COLLECTED OFF OF MOSSDALE BRIDGE.

ANALYSIS MADE BY US BUREAU OF RECLAMATION LABORATORY.

STORET RETRIEVAL DATE 77/03/21

052586 C7
37 47 11.0 121 18 22.0 2
SAN JOAQUIN @ MOSSDALE BRIDGE-C7
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0002 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/24 | 10 45 | 0003 | 682 | 44 | 0 | 88 | 0 | 0 | 2222 | 3036 |
| 74/05/08 | 10 50 | 0003 | 792 | 88 | 0 | 66 | 44 | 0 | 3124 | 4114 |
| 74/05/22 | 09 55 | 0003 | 1298 | 0 | 0 | 44 | 0 | 0 | 4136 | 5478 |
| 74/06/05 | 09 25 | 0003 | 594 | 0 | 0 | 198 | 22 | 88 | 3036 | 3916 |
| 74/06/24 | 13 10 | 0003 | 775 | 0 | 67 | 85 | 67 | 0 | 2794 | 3788 |
| 74/07/08 | 12 40 | 0003 | 814 | 22 | 0 | 330 | 0 | 0 | 5654 | 6820 |
| 74/07/22 | 13 25 | 0003 | 550 | 22 | 0 | 220 | 0 | 22 | 1293 | 2107 |
| 74/08/06 | 11 55 | 0003 | 484 | 0 | 0 | 682 | 0 | 0 | 5258 | 6424 |
| 74/08/22 | 13 50 | 0003 | 154 | 0 | 0 | 110 | 44 | 22 | 2112 | 2442 |
| 74/09/04 | 11 40 | 0003 | 418 | 0 | 0 | 330 | 0 | 22 | 2002 | 2772 |
| 74/09/18 | 11 00 | 0003 | 242 | 0 | 0 | 572 | 0 | 0 | 3916 | 4730 |
| 74/10/02 | 10 50 | 0003 | 176 | 0 | 0 | 4290 | 0 | 0 | 2904 | 7370 |
| 74/10/16 | 10 45 | 0003 | 264 | 0 | 0 | 3102 | 0 | 0 | 3388 | 6754 |
| 74/11/06 | 13 50 | 0003 | 66 | 0 | 0 | 22 | 0 | 0 | 1562 | 1650 |
| 74/11/18 | 12 40 | 0003 | 176 | 22 | 0 | 44 | 0 | 0 | 858 | 1100 |
| 74/12/17 | 12 20 | 0003 | 132 | 0 | 0 | 0 | 0 | 0 | 528 | 660 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 12 10 | 0003 | 2.1 | | | | | | | | |
| 74/04/09 | 11 45 | 0003 | 2.3 | | | | | | | | |
| 74/05/08 | 10 50 | 0003 | 2.9 | | | | | | | | |
| 74/06/05 | 09 25 | 0003 | 2.0 | | | | | | | | |
| 74/08/06 | 11 55 | 0003 | 4.8 | | | | | | | | |
| 74/09/04 | 11 40 | 0003 | 3.5 | | | | | | | | |
| 74/10/02 | 10 50 | 0003 | 3.6 | | | | | | | | |
| 74/11/06 | 13 50 | 0003 | 1.6 | | | | | | | | |
| 74/12/17 | 12 20 | 0003 | 1.4 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052586 C7
37 47 11.0 121 18 22.0 2
SAN JOAQUIN @ MOSSDALE BRIDGE-C7
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0002 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 12 10 | 0003 | 18.00 | | | 5.80 | 76 | | | | | |
| 74/04/09 | 11 45 | 0003 | 14.00 | | | 6.70 | 68 | | | | | |
| 74/04/24 | 10 45 | 0003 | 29.00 | | | 10.00 | 73 | | | | | |
| 74/05/08 | 10 50 | 0003 | 46.00 | | | 17.00 | 73 | | | | | |
| 74/05/22 | 09 55 | 0003 | 31.00 | | | 10.00 | 76 | | | | | |
| 74/06/05 | 09 25 | 0003 | 28.00 | | | 12.00 | 70 | | | | | |
| 74/06/24 | 13 10 | 0003 | 100.00 | | | 29.00 | 78 | | | | | |
| 74/07/08 | 12 40 | 0003 | 140.00 | | | 39.00 | 78 | | | | | |
| 74/07/22 | 13 25 | 0003 | 130.00 | | | 54.00 | 71 | 2.41 | 8.34 | 7.38 | 5.94 | 2.43 |
| 74/08/06 | 11 55 | 0003 | 89.00 | | | 29.00 | 76 | | | | | |
| 74/08/22 | 13 50 | 0003 | 53.00 | | | 22.00 | 70 | | | | | |
| 74/09/04 | 11 40 | 0003 | 37.00 | | | 16.00 | 70 | | | | | |
| 74/09/18 | 11 00 | 0003 | 50.00 | | | 16.00 | 76 | | | | | |
| 74/10/02 | 10 50 | 0003 | 23.00 | | | 15.00 | 59 | | | | | |
| 74/10/16 | 10 45 | 0003 | 21.00 | | | 17.00 | 56 | | | | | |
| 74/11/06 | 13 50 | 0003 | 7.10 | | | 4.90 | 59 | | | | | |
| 74/11/18 | 12 40 | 0003 | 7.40 | | | 3.90 | 65 | | | | | |
| 74/12/17 | 12 20 | 0003 | 3.60 | | | 3.10 | 53 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052588 C9
37 49 50.0 121 33 09.0 2
WEST CANAL AT MOUTH OF INTAKE-C9
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 33 00 LATITUDE - 37 49 00

MONITORING STATION FOR DELTA SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN A CANAL.

SAMPLING POINT - LOCATED OFF DOCK AT MOUTH OF INTAKE TO CLIFTON COURT FOREBAY.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/21

052588 C9
37 49 50.0 121 33 09.0 2
WEST CANAL AT MOUTH OF INTAKE-C9
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/06 | 15 10 | 0003 | 11.00 | | | 5.70 | 67 | | | | | |
| 73/04/03 | 13 40 | 0003 | 19.00 | | | 7.30 | 72 | 1.31 | 1.96 | 1.43 | 0.65 | 0.11 |
| 73/05/01 | 13 20 | 0003 | 59.00 | | | 27.00 | 69 | 1.68M | 3.29 | 2.81 | 4.98 | 0.87 |
| 73/06/05 | 17 10 | 0003 | 88.00 | | | 20.00 | 81 | 2.08M | 3.62 | 3.90 | 5.70 | 1.00 |
| 73/07/02 | 17 10 | 0003 | 110.00 | | | 45.00 | 72 | 8.06M | 3.58 | 3.81 | 11.64 | 2.03 |
| 73/07/31 | 15 40 | 0003 | 130.00 | | | 33.00 | 80 | 5.79M | 5.52 | 4.95 | 11.31 | 1.97 |
| 73/08/28 | 15 00 | 0003 | 60.00 | | | 130.00 | 31 | 0.66M | 5.57 | 4.52 | 6.23 | 1.09 |
| 73/09/25 | 12 45 | 0003 | 47.00 | | | 26.00 | 64 | 0.12 | 4.52 | 2.08 | 4.39 | 0.77 |
| 73/10/15 | 15 40 | 0003 | 7.80 | | | 5.20 | 60 | | | | | |
| 73/11/13 | 15 05 | 0003 | 4.70 | | | 4.80 | 50 | | | | | |
| 73/12/11 | 14 50 | 0003 | 2.10 | | | 3.60 | 36 | | | | | |
| 74/01/10 | 15 25 | 0003 | 2.70 | | | 3.90 | 41 | | | | | |
| 74/02/06 | 14 10 | 0003 | 6.60 | | | 4.10 | 61 | | | | | |
| 74/03/26 | 11 25 | 0003 | 3.50 | | | 3.00 | 54 | | | | | |
| 74/04/10 | 11 25 | 0003 | 10.00 | | | 7.70 | 58 | | | | | |
| 74/04/25 | 10 55 | 0003 | 9.10 | | | 5.80 | 61 | | | | | |
| 74/05/09 | 12 30 | 0003 | 25.00 | | | 12.00 | 66 | | | | | |
| 74/05/23 | 11 15 | 0003 | 14.00 | | | 8.50 | 63 | | | | | |
| 74/06/06 | 11 00 | 0003 | 6.10 | | | 5.60 | 52 | | | | | |
| 74/06/25 | 14 25 | 0003 | 6.60 | | | 4.10 | 61 | | | | | |
| 74/07/09 | 13 25 | 0003 | 6.40 | | | 6.40 | 50 | | | | | |
| 74/07/23 | 13 15 | 0003 | 9.70 | | | 7.40 | 57 | 0.25 | 1.75 | 1.16 | 1.50 | 0.26 |
| 74/08/07 | 13 20 | 0003 | 8.00 | | | 3.90 | 67 | | | | | |
| 74/08/23 | 14 55 | 0003 | 14.00 | | | 7.30 | 66 | | | | | |
| 74/09/05 | 12 40 | 0003 | 18.00 | | | 9.30 | 66 | | | | | |
| 74/09/19 | 12 15 | 0003 | 13.00 | | | 10.00 | 56 | | | | | |
| 74/10/03 | 11 35 | 0003 | 10.00 | | | 8.60 | 55 | | | | | |
| 74/10/17 | 11 40 | 0003 | 7.50 | | | 7.50 | 50 | | | | | |
| 74/11/07 | 15 50 | 0003 | 6.40 | | | 7.00 | 48 | | | | | |
| 74/11/19 | 13 30 | 0003 | 4.30 | | | 4.00 | 52 | | | | | |
| 74/12/18 | 13 00 | 0003 | 1.10 | | | 2.70 | 28 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052588 C9
37 49 50.0 121 33 09.0 2
WEST CANAL AT MOUTH OF INTAKE-C9
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA .141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/04/03 | 13 40 | 0003 | 792 | 0 | 99 | 36 | 36 | 0 | 1649 | 2612 |
| 73/05/01 | 13 20 | 0003 | 108 | 0 | 0 | 0 | 12 | 0 | 2004 | 2124 |
| 73/06/05 | 17 10 | 0003 | 0 | 0 | 0 | 12 | 60 | 0 | 2232 | 2304 |
| 73/07/02 | 17 10 | 0003 | 60 | 0 | 0 | 36 | 36 | 0 | 3240 | 3372 |
| 73/07/31 | 15 40 | 0003 | 84 | 0 | 0 | 0 | 0 | 0 | 2688 | 2772 |
| 73/08/28 | 15 00 | 0003 | 180 | 0 | 0 | 24 | 156 | 0 | 3060 | 3420 |
| 73/11/13 | 15 05 | 0003 | 171 | 0 | 0 | 0 | 30 | 0 | 121 | 322 |
| 74/01/09 | 15 25 | 0003 | 171 | 0 | 10 | 0 | 0 | 0 | 131 | 312 |
| 74/02/06 | 14 10 | 0003 | 2151 | 0 | 101 | 10 | 0 | 0 | 1263 | 3525 |
| 74/04/10 | 11 25 | 0003 | 682 | 0 | 126 | 0 | 76 | 0 | 1921 | 2805 |
| 74/04/25 | 10 55 | 0003 | 110 | 0 | 0 | 0 | 0 | 0 | 770 | 880 |
| 74/05/09 | 12 30 | 0003 | 968 | 0 | 0 | 154 | 0 | 0 | 5038 | 6160 |
| 74/05/23 | 11 15 | 0003 | 198 | 0 | 0 | 0 | 0 | 0 | 4542 | 4740 |
| 74/06/06 | 11 00 | 0003 | 198 | 0 | 0 | 22 | 0 | 0 | 396 | 616 |
| 74/06/25 | 14 25 | 0003 | 50 | 0 | 0 | 30 | 0 | 0 | 505 | 585 |
| 74/07/09 | 13 25 | 0003 | 660 | 0 | 0 | 132 | 0 | 88 | 9250 | 10130 |
| 74/07/23 | 13 15 | 0003 | 66 | 0 | 0 | 66 | 44 | 0 | 924 | 1100 |
| 74/08/07 | 13 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 418 | 418 |
| 74/08/23 | 14 55 | 0003 | 0 | 0 | 0 | 0 | 22 | 0 | 660 | 682 |
| 74/09/05 | 12 40 | 0003 | 44 | 0 | 0 | 0 | 44 | 0 | 1122 | 1210 |
| 74/09/19 | 12 15 | 0003 | 44 | 0 | 0 | 44 | 22 | 22 | 1254 | 1386 |
| 74/10/03 | 11 35 | 0003 | 176 | 0 | 0 | 22 | 0 | 22 | 1628 | 1848 |
| 74/10/17 | 11 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 946 | 946 |
| 74/11/07 | 15 50 | 0003 | 242 | 0 | 0 | 44 | 0 | 0 | 1430 | 1716 |
| 74/11/19 | 13 30 | 0003 | 264 | 22 | 0 | 0 | 0 | 0 | 1518 | 1804 |
| 74/12/18 | 13 00 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 110 | 154 |

STORET RETRIEVAL DATE 77/03/21

052588 C9
37 49 50.0 121 33 09.0 2
WEST CANAL AT MOUTH OF INTAKE-C9
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/04/13 | | | 0.0000 | 172.00 | 4.99 | 4.00 |
| 73/05/07 | | | 0.0000 | 152.00 | 1.80 | 23.00 |
| 73/06/05 | | | 0.0001 | 96.00 | 5.81 | 22.00 |
| 73/07/03 | | | 0.0000 | 627.00 | 3.43 | 19.00 |
| 73/08/13 | | | 0.0000 | 425.00 | 17.94 | 37.00 |
| 73/09/11 | | | 0.0000 | 629.00 | 26.00 | 18.00 |
| 73/10/05 | | | 0.0000 | 851.00 | 3.15 | 11.00 |
| 73/11/14 | | | 0.0000 | 43.00 | 4.35 | 5.00 |
| 74/03/19 | | | 0.0025 | 32.21 | 0.31 | 6.89 |
| 74/04/04 | | | 0.0000 | 131.60 | 1.30 | 4.48 |
| 74/04/19 | | | 0.0000 | 258.10 | 0.49 | 3.05 |
| 74/05/15 | | | 0.0006 | 161.00 | 68.18 | 50.75 |
| 74/05/31 | | | 0.0017 | 616.60 | 16.16 | 35.21 |
| 74/06/11 | | | 0.0038 | 121.60 | 13.85 | 30.78 |
| 74/06/25 | | | 0.0000 | 3.58L | 7.58L | 4.13L |
| 74/07/15 | | | 0.0010 | 390.30 | 2.63 | 28.04 |
| 74/07/29 | | | 0.0001 | 388.80 | 6.97 | 16.66 |
| 74/08/09 | | | 0.0002 | 269.90 | 16.25 | 17.90 |
| 74/08/28 | | | 0.0001 | 1213.00 | 14.99 | 20.41 |
| 74/09/12 | | | 0.0000 | 781.00 | 17.88 | 32.31 |
| 74/09/19 | | | 0.0000 | 183.40 | 40.22 | 33.95 |
| 74/10/10 | | | 0.0000 | 133.70 | 36.07 | 12.87 |
| 74/10/25 | | | 0.0000 | 51.55 | 12.86 | 4.45 |
| 74/11/22 | | | 0.0003 | 23.99 | 0.32 | 2.56 |

STORET RETRIEVAL DATE 77/03/21

052546 C10
37 40 34.0 121 15 51.0 2
SAN JOAQUIN RIVER @ VERNALIS-C10
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 121 15 05 LATITUDE - 37 40 30

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN SAN JOAQUIN RIVER NEAR THE TOWN OF SAN JOAQUIN CITY.

SAMPLING POINT - IN SAN JOAQUIN RIVER WHERE COUNTY ROAD J-3 CROSSES. OFF SOUTH SIDE OF BRIDGE BY E.C. RECORDER SHELTER.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/21

052546 C10
37 40 34.0 121 15 51.0 2
SAN JOAQUIN RIVER @ VERNALIS-C10
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/01/29 | 15 10 | 0003 | 1.82C | | | | | | | | | |
| 69/02/26 | 15 10 | 0003 | 5.17C | | | | | | | | | |
| 69/03/28 | 10 45 | 0003 | 2.96C | | | | | | | | | |
| 69/05/01 | 13 30 | 0003 | 10.64C | | | | | | | | | |
| 69/06/09 | 13 35 | 0003 | 5.93C | | | | | | | | | |
| 69/07/22 | 15 10 | 0003 | 44.08C | | | | | | | | | |
| 69/08/20 | 11 20 | 0003 | 66.88C | | | | | | | | | |
| 69/09/17 | 15 15 | 0003 | 28.00 | 0.20 | 6.60 | 7.70 | 79 | | | | | |
| 69/10/17 | 15 15 | 0003 | 9.30 | 0.11 | 2.80 | 3.30 | 74 | | | | | |
| 69/11/19 | 10 00 | 0003 | 6.46C | | | | | | | | | |
| 70/02/13 | 14 20 | 0003 | 5.70C | | | | | | | | | |
| 70/03/17 | 12 15 | 0003 | 16.72C | | | | | | | | | |
| 70/04/16 | 12 00 | 0003 | 52.44C | | | | | | | | | |
| 70/05/20 | 11 00 | 0003 | 53.00 | 0.26M | 10.00 | 17.00 | 76 | | | | | |
| 70/06/16 | 12 25 | 0003 | 72.00 | 3.00 | 13.00 | 24.00 | 76 | | | | | |
| 70/07/14 | 11 00 | 0002 | 160.00 | 6.10 | 25.00 | 38.00 | 81 | | | | | |
| 70/08/12 | 10 50 | 0002 | 120.00 | 4.50 | 14.00 | 28.00 | 80 | | | | | |
| 70/09/10 | 09 10 | 0002 | 80.00 | 0.94 | 15.00 | 19.00 | 81 | | | | | |
| 70/10/08 | 12 00 | 0002 | 44.00 | 4.60 | 11.00 | 9.00 | 83 | | | | | |
| 71/03/05 | 10 00 | 0003 | 15.00 | 1.30 | 4.60 | 6.40 | 69 | | | | | |
| 71/04/06 | 09 45 | 0003 | 36.00 | 1.90 | 6.50 | 14.00 | 72 | | | | | |
| 71/05/04 | 11 30 | 0003 | 83.00 | 0.00 | 22.00 | 15.00 | 84 | | | | | |
| 71/06/02 | 10 30 | 0003 | 57.00 | 1.90 | 22.00 | 68.00 | 45 | | | | | |
| 71/06/30 | 10 15 | 0003 | 77.00 | 0.39 | 15.00 | 17.00 | 82 | | | | | |
| 71/08/03 | 14 00 | 0003 | 130.00 | 3.90 | 20.00 | 31.00 | 80 | | | | | |
| 71/09/28 | 11 30 | 0003 | 60.00 | 2.30 | 13.00 | 30.00 | 66 | | | | | |
| 71/10/26 | 11 25 | 0003 | 7.20 | 0.93 | 1.20 | 4.80 | 59 | | | | | |
| 72/03/22 | 11 00 | 0003 | 46.00 | 0.59 | 2.40 | 8.50 | 84 | | | | | |
| 72/04/24 | 12 30 | 0003 | 120.00 | 5.90 | 36.00 | 24.00 | 82 | | | | | |
| 72/05/22 | 11 30 | 0003 | 47.00 | 0.00 | 7.20 | 11.00 | 81 | | | | | |
| 72/06/20 | 12 50 | 0002 | 270.00 | 0.00 | 39.00 | 56.00 | 82 | | | | | |
| 72/07/18 | 11 15 | 0003 | 190.00 | 0.00 | 22.00 | 32.00 | 85 | | | | | |
| 72/08/21 | 14 30 | 0003 | 93.00 | 0.00 | 7.00 | 14.00 | 86 | | | | | |
| 72/09/21 | 14 45 | 0003 | 19.00 | 4.20 | 2.90 | 8.90 | 68 | | | | | |
| 72/10/18 | 15 15 | 0003 | 38.00 | 2.60 | 3.60 | 11.00 | 78 | | | | | |
| 72/11/20 | 13 00 | 0003 | 13.00 | 1.80 | 1.80 | 7.90 | 61 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052546 C10
37 40 34.0 121 15 51.0 2
SAN JOAQUIN RIVER @ VERNALIS-C10
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/12/18 | 15 15 | 0003 | 10.00 | 1.60 | 2.50 | 5.40 | 65 | | | | | |
| 73/01/22 | 14 30 | 0003 | 7.50 | | | 7.90 | 49 | | | | | |
| 73/02/20 | 14 25 | 0003 | 9.20 | | | 3.70 | 71 | | | | | |
| 73/03/06 | 16 05 | 0003 | 13.00 | | | 4.90 | 73 | | | | | |
| 73/04/03 | 14 55 | 0003 | 16.00 | | | 4.40 | 79 | 1.73 | 2.26 | 1.50 | 0.53 | 0.22 |
| 73/05/01 | 15 00 | 0003 | 40.00 | | | 10.00 | 79 | 1.09 | 3.38 | 3.17 | 2.29 | 0.94 |
| 73/06/05 | 18 30 | 0003 | 76.00 | | | 10.00 | 88 | 3.21 | 5.93 | 3.70 | 2.72 | 1.12 |
| 73/07/02 | 19 00 | 0003 | 160.00 | | | 36.00 | 82 | 1.04 | 4.91 | 6.93 | 3.87 | 1.59 |
| 73/07/31 | 17 00 | 0003 | 170.00 | | | 44.00 | 79 | 3.21M | 3.87 | 8.27 | 7.09 | 2.91 |
| 73/08/28 | 16 25 | 0003 | 130.00 | | | 23.00 | 85 | 2.40 | 7.23 | 7.41 | 4.83 | 1.98 |
| 73/09/25 | 13 50 | 0003 | 23.00 | | | 16.00 | 60 | 3.25M | 3.47 | 2.70 | 3.25 | 1.33 |
| 73/10/15 | 17 00 | 0003 | 34.00 | | | 18.00 | 66 | | | | | |
| 73/11/13 | 16 20 | 0003 | 13.00 | | | 10.00 | 57 | | | | | |
| 73/12/11 | 16 00 | 0003 | 4.10 | | | 4.40 | 49 | | | | | |
| 74/01/09 | 16 40 | 0003 | 4.00 | | | 3.60 | 53 | | | | | |
| 74/02/06 | 15 45 | 0003 | 10.00 | | | 3.80 | 73 | | | | | |
| 74/03/25 | 13 00 | 0003 | 16.00 | | | 6.40 | 72 | | | | | |
| 74/04/09 | 12 30 | 0001 | 14.00 | | | 7.20 | 67 | | | | | |
| 74/04/24 | 11 20 | 0003 | 25.00 | | | 9.40 | 73 | | | | | |
| 74/05/08 | 11 30 | 0003 | 33.00 | | | 13.00 | 71 | | | | | |
| 74/05/22 | 11 05 | 0003 | 34.00 | | | 11.00 | 75 | | | | | |
| 74/06/05 | 10 25 | 0003 | 27.00 | | | 10.00 | 72 | | | | | |
| 74/06/24 | 14 00 | 0003 | 67.00 | | | 29.00 | 70 | | | | | |
| 74/07/08 | 13 30 | 0003 | 130.00 | | | 34.00 | 80 | | | | | |
| 74/07/22 | 14 25 | 0003 | 170.00 | | | 50.00 | 77 | | | | | |
| 74/08/06 | 12 45 | 0003 | 92.00 | | | 25.00 | 78 | | | | | |
| 74/08/22 | 14 25 | 0003 | 45.00 | | | 16.00 | 74 | | | | | |
| 74/09/04 | 12 25 | 0003 | 30.00 | | | 16.00 | 65 | | | | | |
| 74/09/18 | 11 40 | 0003 | 32.00 | | | 16.00 | 66 | | | | | |
| 74/10/02 | 11 35 | 0003 | 13.00 | | | 14.00 | 47 | | | | | |
| 74/10/16 | 11 30 | 0003 | 15.00 | | | 16.00 | 48 | | | | | |
| 74/11/06 | 14 25 | 0003 | 7.10 | | | 4.00 | 64 | | | | | |
| 74/11/18 | 13 20 | 0003 | 6.40 | | | 3.90 | 62 | | | | | |
| 74/12/17 | 13 00 | 0003 | 4.10 | | | 2.90 | 59 | | | | | |

STORET RETRIEVAL DATE 77/03/21

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37 40 34.0 121 15 51.0 2
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|---|---|---|---|---|---|---|---|---|---|---|
| 72/10/18 | 15 15 | 0003 | 191 | 0 | 0 | 131 | 0 | 0 | 2262 | 2584 |
| 72/11/20 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/12/18 | 15 15 | 0003 | 93 | 0 | 0 | 6 | 0 | 0 | 497 | 596 |
| 73/01/22 | 14 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1465 | 1465 |
| 73/02/20 | 14 25 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 60 |
| 73/04/03 | 14 55 | 0003 | 625 | 20 | 25 | 45 | 15 | 0 | 1407 | 2137 |
| 73/05/01 | 15 00 | 0003 | 120 | 0 | 0 | 12 | 24 | 0 | 1140 | 1296 |
| 73/06/05 | 18 30 | 0003 | 168 | 0 | 0 | 82 | 24 | 0 | 2208 | 2482 |
| 73/07/02 | 19 00 | 0003 | 96 | 0 | 0 | 60 | 0 | 0 | 3552 | 3708 |
| 73/07/31 | 17 00 | 0003 | 768 | 0 | 0 | 120 | 72 | 12 | 3432 | 4404 |
| 73/08/28 | 16 25 | 0003 | 96 | 0 | 0 | 48 | 84 | 0 | 2160 | 2388 |
| 73/11/13 | 16 20 | 0003 | 201 | 0 | 20 | 0 | 0 | 0 | 525 | 746 |
| 74/01/09 | 16 40 | 0003 | 232 | 0 | 10 | 0 | 0 | 0 | 667 | 909 |
| 74/02/06 | 15 45 | 0003 | 3493 | 0 | 145 | 29 | 29 | 0 | 1317 | 5013 |
| 74/04/24 | 11 20 | 0003 | 1232 | 44 | 0 | 484 | 22 | 0 | 3388 | 5170 |
| 74/05/08 | 11 30 | 0003 | 3173 | 0 | 34 | 0 | 69 | 0 | 11650 | 14930 |
| 74/05/22 | 11 05 | 0003 | 1166 | 27 | 0 | 154 | 0 | 22 | 4510 | 5874 |
| 74/06/05 | 10 25 | 0003 | 616 | 22 | 0 | 814 | 0 | 0 | 2222 | 3652 |
| 74/06/24 | 14 00 | 0003 | 905 | 0 | 0 | 126 | 0 | 0 | 3990 | 5021 |
| 74/07/08 | 13 30 | 0003 | 1188 | 0 | 0 | 220 | 0 | 0 | 7128 | 8736 |
| 74/07/22 | 14 25 | 0003 | 704 | 0 | 0 | 440 | 0 | 0 | 17510 | 18650 |
| 74/08/22 | 14 25 | 0003 | 396 | 0 | 0 | 374 | 0 | 0 | 2332 | 3102 |
| 74/09/04 | 12 25 | 0003 | 220 | 0 | 0 | 462 | 0 | 0 | 1276 | 1958 |
| 74/09/18 | 11 40 | 0003 | 352 | 0 | 22 | 3080 | 0 | 0 | 3036 | 6490 |
| 74/10/02 | 11 35 | 0003 | 286 | 0 | 0 | 3762 | 0 | 0 | 1386 | 5434 |
| 74/10/16 | 11 30 | 0003 | 440 | 22 | 0 | 9812 | 22 | 0 | 4246 | 14540 |
| 74/11/06 | 14 25 | 0003 | 110 | 0 | 0 | 88 | 0 | 0 | 1474 | 1672 |
| 74/11/18 | 13 20 | 0003 | 132 | 0 | 0 | 0 | 0 | 0 | 440 | 572 |
| 74/12/17 | 13 00 | 0003 | 132 | 0 | 0 | 0 | 0 | 0 | 440 | 572 |

STORET RETRIEVAL DATE 77/03/21

052546 C10
37 40 34.0 121 15 51.0 2
SAN JOAQUIN RIVER @ VERNALIS-C10
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/01/29 | 15 10 | 0003 | 0.8 | | | | | | | | |
| 69/02/26 | 15 10 | 0003 | 2.1 | | | | | | | | |
| 69/03/28 | 10 45 | 0003 | 1.6 | | | | | | | | |
| 69/05/01 | 13 30 | 0003 | 1.1 | | | | | | | | |
| 69/06/09 | 13 35 | 0003 | 1.1 | | | | | | | | |
| 69/07/22 | 15 10 | 0003 | 3.3 | | | | | | | | |
| 69/08/20 | 11 20 | 0003 | 3.1 | | | | | | | | |
| 69/09/17 | 15 15 | 0003 | 3.5 | | | | | | | | |
| 69/10/17 | 15 15 | 0003 | 2.3 | | | | | | | | |
| 69/11/19 | 10 00 | 0003 | 1.8 | | | | | | | | |
| 70/02/13 | 14 20 | 0003 | 1.8 | | | | | | | | |
| 70/03/17 | 12 15 | 0003 | 1.4 | | | | | | | | |
| 70/04/16 | 12 00 | 0003 | 7.6 | | | | | | | | |
| 70/05/20 | 11 00 | 0003 | 2.0 | | | | | | | | |
| 70/06/16 | 12 25 | 0003 | 4.4 | | | | | | | | |
| 70/07/14 | 11 00 | 0002 | 5.4 | | | | | | | | |
| 70/08/12 | 10 50 | 0002 | 5.7 | | | | | | | | |
| 70/09/10 | 09 10 | 0002 | 5.7 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052779 D76 SC4
37 59 08.0 121 23 33.0 2
LIGHT 36 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 23 33 LATITUDE - 37 59 08

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON STOCKTON SHIP CHANNEL AT LIGHT NO.36.

SAMPLING POINT - MID-CHANNEL FROM BOAT AT LIGHT NO.36.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052777 D74 SC2
38 01 18.0 121 27 54.0 2
LIGHT 18 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 27 54 LATITUDE - 38 01 18

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON STOCKTON SHIP CHANNEL AT LIGHT NO. 18.

SAMPLING POINT - MID-CHANNEL AT LIGHT NO.18.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052781 D78 SC6
37 58 06.0 121 22 14.0 2
LIGHT 41 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 22 14 LATITUDE - 37 58 06

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON STOCKTON SHIP CHANNEL AT LIGHT NO.41.

SAMPLING POINT - MID-CHANNEL FROM BOAT AT LIGHT NO.41.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052779 D76 SC4
37 59 08.0 121 23 33.0 2
LIGHT 36 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/21 | 08 50 | 0003 | 3.8 | | | | | | | | |
| 73/10/09 | 09 05 | 0003 | 4.3 | | | | | | | | |
| 73/10/18 | 08 40 | 0003 | 4.2 | | | | | | | | |
| 73/10/26 | 09 50 | 0003 | 3.9 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052781 D78 SC6
37 58 06.0 121 22 14.0 2
LIGHT 41 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/06 | 13 55 | 0003 | 62.00 | | | 38.00 | 62 | | | | | |
| 74/09/26 | 09 15 | 0003 | 40.00 | | | 26.00 | 61 | | | | | |
| 74/10/10 | 08 20 | 0003 | 32.00 | | | 26.00 | 55 | | | | | |
| | 08 21 | 0030 | 37.00 | | | 33.00 | 52 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/06 | 13 55 | 0003 | 682 | 0 | 0 | 132 | 66 | 0 | 2068 | 2948 |
| 74/09/26 | 09 15 | 0003 | 1364 | 0 | 0 | 110 | 110 | 132 | 2684 | 4400 |
| | 09 16 | 0030 | 836 | 0 | 0 | 88 | 0 | 0 | 6644 | 7568 |
| 74/10/10 | 08 20 | 0003 | 506 | 0 | 0 | 66 | 0 | 0 | 5192 | 5764 |
| | 08 21 | 0030 | 880 | 0 | 0 | 220 | 44 | 0 | 5258 | 6402 |

STORET RETRIEVAL DATE 77/03/21

052782 D79 SC7
37 57 34.0 121 21 31.0 2
LIGHT 43 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 21 31 LATITUDE - 37 57 34

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON STOCKTON SHIP CHANNEL AT LIGHT NO.43.

SAMPLING POINT - MID CHANNEL FROM BOAT AT LIGHT NO.43.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052782 D79 SC7
37 57 34.0 121 21 31.0 2
LIGHT 43 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 09 25 | 0003 | 23.00 | | | 18.00 | 55 | | | | | |
| | 09 26 | 0030 | 23.00 | | | 25.00 | 47 | | | | | |
| 73/09/21 | 09 30 | 0003 | 43.00 | | | 42.00 | 50 | | | | | |
| | 09 31 | 0030 | 41.00 | | | 44.00 | 48 | | | | | |
| 73/10/09 | 09 40 | 0003 | 35.00 | | | 19.00 | 65 | | | | | |
| | 09 41 | 0030 | 43.00 | | | 33.00 | 56 | | | | | |
| 73/10/18 | 09 15 | 0003 | 77.00 | | | 41.00 | 65 | | | | | |
| | 09 16 | 0030 | 75.00 | | | 55.00 | 58 | | | | | |
| 73/10/26 | 10 25 | 0003 | 31.00 | | | 17.00 | 65 | | | | | |
| | 10 26 | 0030 | 34.00 | | | 33.00 | 51 | | | | | |
| 73/11/15 | 13 15 | 0003 | 16.00 | | | 16.00 | 50 | | | | | |
| | 13 16 | 0030 | 14.00 | | | 21.00 | 40 | | | | | |
| 73/12/13 | 13 30 | 0003 | 11.00 | | | 10.00 | 53 | | | | | |
| | 13 31 | 0030 | 10.00 | | | 14.00 | 43 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 09 25 | 0003 | 4.1 | | | | | | | | |
| 73/09/21 | 09 30 | 0003 | 5.5 | | | | | | | | |
| 73/10/09 | 09 40 | 0003 | 4.7 | | | | | | | | |
| 73/10/18 | 09 15 | 0003 | 4.6 | | | | | | | | |
| 73/10/26 | 10 25 | 0003 | 4.0 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052783 D80 SC8
37 57 07.0 121 20 12.0 2
LIGHT 48 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760212 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 20 12 LATITUDE - 37 57 07

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON STOCKTON SHIP CHANNEL AT LIGHT NO.48.

SAMPLING - POINT MID-CHANNEL FROM BOAT AT LIGHT NO.48.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052783 D80 SC8
37 57 07.0 121 20 12.0 2
LIGHT 48 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760212 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 00 | 0003 | 47.00 | | | 42.00 | 53 | | | | | |
| | 10 01 | 0030 | 46.00 | | | 49.00 | 49 | | | | | |
| 73/09/21 | 10 00 | 0003 | 69.00 | | | 38.00 | 64 | | | | | |
| | 10 01 | 0030 | 110.00 | | | 61.00 | 65 | | | | | |
| 73/10/09 | 10 10 | 0003 | 40.00 | | | 18.00 | 68 | | | | | |
| | 10 11 | 0030 | 38.00 | | | 27.00 | 58 | | | | | |
| 73/10/18 | 09 40 | 0003 | 92.00 | | | 55.00 | 63 | | | | | |
| | 09 41 | 0030 | 87.00 | | | 63.00 | 58 | | | | | |
| 73/10/26 | 10 45 | 0003 | 42.00 | | | 19.00 | 69 | | | | | |
| | 10 46 | 0030 | 51.00 | | | 23.00 | 69 | | | | | |
| 73/11/15 | 13 30 | 0003 | 15.00 | | | 18.00 | 46 | | | | | |
| | 13 31 | 0030 | 14.00 | | | 21.00 | 40 | | | | | |
| 73/12/13 | 13 50 | 0003 | 12.00 | | | 12.00 | 50 | | | | | |
| | 13 51 | 0030 | 12.00 | | | 13.00 | 47 | | | | | |
| 74/09/06 | 14 25 | 0003 | 95.00 | | | 61.00 | 61 | | | | | |
| | 14 26 | 0030 | 120.00 | | | 99.00 | 57 | | | | | |
| 74/09/26 | 09 40 | 0003 | 41.00 | | | 22.00 | 65 | | | | | |
| 74/10/10 | 08 45 | 0003 | 34.00 | | | 23.00 | 60 | | | | | |
| | 08 46 | 0030 | 33.00 | | | 22.00 | 59 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052783 D80 SC8
37 57 07.0 121 20 12.0 2
LIGHT 48 STOCKTON SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760212 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/06 | 14 25 | 0003 | 1848 | 0 | 0 | 88 | 264 | 44 | 5940 | 8184 |
| | 14 26 | 0030 | 1672 | 0 | 0 | 110 | 88 | 0 | 8910 | 10780 |
| 74/09/26 | 09 40 | 0003 | 726 | 0 | 0 | 198 | 44 | 0 | 3850 | 4818 |
| | 09 41 | 0030 | 770 | 0 | 0 | 770 | 88 | 0 | 6380 | 8008 |
| 74/10/10 | 08 45 | 0003 | 1232 | 0 | 0 | 1034 | 44 | 0 | 6116 | 8426 |
| | 08 46 | 0030 | 1144 | 0 | 0 | 440 | 0 | 0 | 4136 | 5720 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 00 | 0003 | 7.1 | | | | | | | | |
| 73/09/21 | 10 00 | 0003 | 6.1 | | | | | | | | |
| 73/10/09 | 10 10 | 0003 | 4.6 | | | | | | | | |
| 73/10/18 | 09 40 | 0003 | 4.7 | | | | | | | | |
| 73/10/26 | 10 45 | 0003 | 4.8 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052784 D81 SC9
37 57 15.0 121 19 02.0 3
TURNING BASIN STOCK.SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 19 02 LATITUDE - 37 57 15

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED IN TURNING BASIN AT HEAD OF STOCTON SHIP CHANNEL.

SAMPLING POINT - AT THE MID-POINT OF THE TURNING BASIN.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS; USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052784 D81 SC9
37 57 15.0 121 19 02.0 3
TURNING BASIN STOCK.SHIP CHANNEL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/26 | 09 50 | 0003 | 56.00 | | | 29.00 | 66 | | | | | |
| 74/10/10 | 09 00 | 0003 | 34.00 | | | 24.00 | 59 | | | | | |
| | 09 01 | 0030 | 34.00 | | | 32.00 | 52 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/26 | 09 50 | 0003 | 2596 | 0 | 0 | 66 | 506 | 198 | 2816 | 6182 |
| | 09 51 | 0030 | 1144 | 0 | 0 | 110 | 0 | 22 | 4730 | 6006 |
| 74/10/10 | 09 00 | 0003 | 836 | 0 | 0 | 220 | 110 | 132 | 5170 | 6468 |
| | 09 01 | 0030 | 924 | 22 | 0 | 242 | 0 | 0 | 5676 | 6864 |

STORET RETRIEVAL DATE 77/03/21

052786 D83 SC11
37 56 20.0 121 20 07.0 2
STOCKTON SANITARY TREATMENT PLNT
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0015 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 20 07 LATITUDE - 37 56 20

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON SAN JOAQUIN RIVER BELOW SANTA FE R.R.CROSSING.

SAMPLING POINT - MID-STREAM FROM BOAT.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052786 D83 SC11
37 56 20.0 121 20 07.0 2
STOCKTON SANITARY TREATMENT PLNT
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 09 50 | 0003 | 78.00 | | | 52.00 | 60 | | | | | |
| 73/09/21 | 07 25 | 0003 | 140.00 | | | 90.00 | 61 | | | | | |
| 73/10/09 | 08 10 | 0003 | 210.00 | | | 52.00 | 80 | | | | | |
| 73/10/18 | 07 15 | 0003 | 150.00 | | | 61.00 | 72 | | | | | |
| 73/10/26 | 09 00 | 0003 | 64.00 | | | 27.00 | 70 | | | | | |
| 73/11/15 | 12 10 | 0003 | 26.00 | | | 21.00 | 54 | | | | | |
| 73/12/13 | 14 55 | 0003 | 7.80 | | | 8.20 | 46 | | | | | |
| 74/09/06 | 13 50 | 0003 | 260.00 | | | 100.00 | 72 | | | | | |
| 74/09/26 | 07 25 | 0003 | 94.00 | | | 38.00 | 71 | | | | | |
| 74/10/10 | 07 35 | 0003 | 170.00 | | | 110.00 | 62 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/06 | 13 50 | 0003 | 9504 | 132 | 0 | 1386 | 88 | 0 | 70840 | 81950 |
| 74/09/26 | 07 25 | 0003 | 4070 | 66 | 0 | 968 | 0 | 0 | 20300 | 25400 |
| 74/10/10 | 07 35 | 0003 | 17560 | 176 | 0 | 616 | 0 | 0 | 52620 | 70970 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 09 50 | 0003 | 13.0 | | | | | | | | |
| 73/09/21 | 07 25 | 0003 | 18.0 | | | | | | | | |
| 73/10/09 | 08 10 | 0003 | 13.0 | | | | | | | | |
| 73/10/18 | 07 15 | 0003 | 3.6 | | | | | | | | |
| 73/10/26 | 09 00 | 0003 | 6.4 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052787 D84 SC12
37 55 42.0 121 19 38.0 2
GARWOOD BRIDGE - SAN JOAQUIN RIV
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA .0

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0015 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 19 38 LATITUDE - 37 55 42

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON SAN JOAQUIN RIVER AT HIGHWAY 4.

SAMPLING POINT - MID-STREAM FROM BOAT.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052787 D84 SC12
37 55 42.0 121 19 38.0 2
GARWOOD BRIDGE - SAN JOAQUIN RIV
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA .0

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 00 | 0003 | 89.00 | | | 45.00 | 66 | | | | | |
| 73/09/21 | 07 35 | 0003 | 69.00 | | | 42.00 | 62 | | | | | |
| 73/10/09 | 08 20 | 0003 | 23.00 | | | 15.00 | 60 | | | | | |
| 73/10/18 | 07 25 | 0003 | 72.00 | | | 36.00 | 66 | | | | | |
| 73/10/26 | 09 05 | 0003 | 29.00 | | | 14.00 | 66 | | | | | |
| 73/11/15 | 12 20 | 0003 | 20.00 | | | 17.00 | 53 | | | | | |
| 73/12/13 | 14 35 | 0003 | 2.60 | | | 4.10 | 39 | | | | | |
| 74/09/26 | 07 30 | 0003 | 22.00 | | | 13.00 | 63 | | | | | |
| 74/10/10 | 07 40 | 0003 | 20.00 | | | 16.00 | 56 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/26 | 07 30 | 0003 | 374 | 0 | 0 | 638 | 0 | 0 | 3432 | 4444 |
| 74/10/10 | 07 40 | 0003 | 132 | 0 | 0 | 242 | 0 | 0 | 1605 | 1979 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 00 | 0003 | 7.8 | | | | | | | | |
| 73/09/21 | 07 35 | 0003 | 5.4 | | | | | | | | |
| 73/10/09 | 08 20 | 0003 | 4.5 | | | | | | | | |
| 73/10/18 | 07 25 | 0003 | 4.1 | | | | | | | | |
| 73/10/26 | 09 05 | 0003 | 2.7 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052789 D86 SC14
37 51 51.0 121 19 19.0 2
BRANDT BRIDGE - SAN JOAQUIN RIV.
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0010 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 19 19 LATITUDE - 37 51 51

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON SAN JOAQUIN RIVER AT BRANDT BRIDGE.

SAMPLING POINT - MID-STREAM FROM BOAT.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052789 D86 SC14
37 51 51.0 121 19 19.0 2
BRANDT BRIDGE - SAN JOAQUIN RIV.
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0010 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 20 | 0003 | 150.00 | | | 68.00 | 70 | | | | | |
| 73/09/21 | 07 55 | 0003 | 84.00 | | | 52.00 | 62 | | | | | |
| 73/10/09 | 08 40 | 0003 | 30.00 | | | 15.00 | 67 | | | | | |
| 73/10/18 | 07 45 | 0003 | 44.00 | | | 34.00 | 57 | | | | | |
| 73/10/26 | 09 30 | 0003 | 6.30 | | | 12.00 | 33 | | | | | |
| 73/11/15 | 12 40 | 0003 | 7.40 | | | 6.50 | 53 | | | | | |
| 73/12/13 | 14 15 | 0003 | 3.50 | | | 4.10 | 46 | | | | | |
| 74/09/06 | 14 20 | 0003 | 64.00 | | | 35.00 | 64 | | | | | |
| 74/09/26 | 07 50 | 0003 | 25.00 | | | 16.00 | 61 | | | | | |
| 74/10/10 | 08 00 | 0003 | 16.00 | | | 16.00 | 51 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/06 | 14 20 | 0003 | 792 | 0 | 0 | 154 | 0 | 22 | 3080 | 4048 |
| 74/09/26 | 07 50 | 0003 | 286 | 0 | 0 | 858 | 22 | 0 | 2948 | 4114 |
| 74/10/10 | 08 00 | 0003 | 264 | 44 | 0 | 4004 | 0 | 0 | 2420 | 6732 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 20 | 0003 | 7.4 | | | | | | | | |
| 73/09/21 | 07 55 | 0003 | 6.0 | | | | | | | | |
| 73/10/09 | 08 40 | 0003 | 4.8 | | | | | | | | |
| 73/10/18 | 07 45 | 0003 | 4.7 | | | | | | | | |
| 73/10/26 | 09 30 | 0003 | 4.1 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052791 D88 SC16
37 47 11.0 121 18 22.0 2
MOSSDALE BRIDGE - SAN JOAQUIN R.
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0010 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 18 22 LATITUDE - 37 47 11

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON SAN JOAQUIN RIVER ABOVE HEAD OF OLD RIVER.

SAMPLING POINT - MID-STREAM FROM BOAT UNDER R.R.BRIDGE.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052791 D88 SC16
37 47 11.0 121 18 22.0 2
MOSSDALE BRIDGE - SAN JOAQUIN R.
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0010 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 11 05 | 0003 | 55.00 | | | 13.00 | 81 | | | | | |
| 73/09/21 | 08 30 | 0003 | 63.00 | | | 28.00 | 69 | | | | | |
| 73/10/09 | 09 20 | 0003 | 23.00 | | | 15.00 | 61 | | | | | |
| 73/10/18 | 08 25 | 0003 | 52.00 | | | 31.00 | 63 | | | | | |
| 73/10/26 | 10 05 | 0003 | 7.20 | | | 9.20 | 44 | | | | | |
| 73/11/15 | 13 20 | 0003 | 12.00 | | | 8.10 | 61 | | | | | |
| 73/12/13 | 13 45 | 0003 | 4.30 | | | 4.90 | 46 | | | | | |
| 74/09/06 | 14 55 | 0003 | 45.00 | | | 16.00 | 74 | | | | | |
| 74/09/26 | 08 20 | 0003 | 21.00 | | | 10.00 | 66 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/06 | 14 55 | 0003 | 242 | 0 | 0 | 154 | 0 | 22 | 2332 | 2750 |
| 74/09/26 | 08 20 | 0003 | 242 | 0 | 0 | 1408 | 44 | 0 | 1606 | 3300 |
| 74/10/10 | 08 35 | 0003 | 286 | 0 | 0 | 4952 | 0 | 0 | 2266 | 7504 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 11 05 | 0003 | 5.0 | | | | | | | | |
| 73/09/21 | 08 30 | 0003 | 5.8 | | | | | | | | |
| 73/10/09 | 09 20 | 0003 | 4.0 | | | | | | | | |
| 73/10/18 | 08 25 | 0003 | 5.2 | | | | | | | | |
| 73/10/26 | 10 05 | 0003 | 4.8 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052793 D90 SC18
37 49 12.0 121 26 56.0 2
TRACY RD.BRIDGE - GRANT LINE CNL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0014 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 26 56 LATITUDE - 37 49 12

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON GRANT LINE CANAL AT TRACY ROAD.BRIDGE.

SAMPLING POINT - MID-STREAM UNDER TRACY ROAD BRIDGE.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052793 D90 SC18
37 49 12.0 121 26 56.0 2
TRACY RD.BRIDGE - GRANT LINE CNL
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0014 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 09 25 | 0003 | 71.00 | | | 51.00 | 58 | | | | | |
| 73/09/21 | 07 15 | 0003 | 86.00 | | | 50.00 | 63 | | | | | |
| 73/10/09 | 08 20 | 0003 | 22.00 | | | 18.00 | 54 | | | | | |
| 73/10/18 | 07 15 | 0003 | 69.00 | | | 43.00 | 62 | | | | | |
| 73/10/26 | 09 00 | 0003 | 17.00 | | | 10.00 | 64 | | | | | |
| 73/11/15 | 11 55 | 0003 | 8.10 | | | 7.30 | 53 | | | | | |
| 73/12/13 | 10 00 | 0003 | 2.40 | | | 2.80 | 45 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 09 25 | 0003 | 5.1 | | | | | | | | |
| 73/09/21 | 07 15 | 0003 | 6.0 | | | | | | | | |
| 73/10/09 | 08 20 | 0003 | 2.9 | | | | | | | | |
| 73/10/18 | 07 15 | 0003 | 4.1 | | | | | | | | |
| 73/10/26 | 09 00 | 0003 | 3.0 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052794 D91 SC19
37 48 02.0 121 25 12.0 2
SUGAR CUT SLOUGH AND OLD RIVER
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0010 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 25 12 LATITUDE - 37 48 02

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED AT THE MOUTH OF SUGAR CUT SLOUGH.

SAMPLING POINT - MID-STREAM OF SUGAR CUT SLOUGH AT MOUTH.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052794 D91 SC19
37 48 02.0 121 25 12.0 2
SUGAR CUT SLOUGH AND OLD RIVER
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0010 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 09 47 | 0003 | 87.00 | | | 42.00 | 68 | | | | | |
| 73/09/21 | 07 30 | 0003 | 69.00 | | | 42.00 | 62 | | | | | |
| 73/10/09 | 08 40 | 0003 | 27.00 | | | 18.00 | 60 | | | | | |
| 73/10/18 | 08 35 | 0003 | 89.00 | | | 45.00 | 66 | | | | | |
| 73/10/26 | 09 25 | 0003 | 21.00 | | | 13.00 | 61 | | | | | |
| 73/11/15 | 12 25 | 0003 | 11.00 | | | 9.40 | 55 | | | | | |
| 73/12/13 | 10 15 | 0003 | 3.40 | | | 3.90 | 47 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 09 47 | 0003 | 5.9 | | | | | | | | |
| 73/09/21 | 07 30 | 0003 | 5.1 | | | | | | | | |
| 73/10/09 | 08 40 | 0003 | 3.0 | | | | | | | | |
| 73/10/18 | 08 35 | 0003 | 6.0 | | | | | | | | |
| 73/10/26 | 09 25 | 0003 | 3.9 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052797 D94 SC22
37 49 07.0 121 21 34.0 2
UPSTRM. FROM OLD AND MIDDLE JCT.
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0014 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 21 34 LATITUDE - 37 49 07

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTIOON - LOCATED ON OLD RIVER ABOVE HEAD OF MIDDLE RIVER.

SAMPLING POINT - MID-STREAM 0.8 MILES UPSTREAM FROM OLD RIVER,MIDDLE RIVER JUNCTION.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052797 D94 SC22
37 49 07.0 121 21 34.0 2
UPSTRM. FROM OLD AND MIDDLE JCT.
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0014 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 50 | 0003 | 43.00 | | | 18.00 | 70 | | | | | |
| 73/09/21 | 08 20 | 0003 | 64.00 | | | 33.00 | 66 | | | | | |
| 73/10/09 | 09 40 | 0003 | 27.00 | | | 15.00 | 64 | | | | | |
| 73/10/18 | 09 25 | 0003 | 61.00 | | | 32.00 | 66 | | | | | |
| 73/10/26 | 10 20 | 0003 | 6.30 | | | 10.00 | 37 | | | | | |
| 73/11/15 | 13 15 | 0003 | 8.10 | | | 7.70 | 51 | | | | | |
| 73/12/13 | 10 30 | 0003 | 3.30 | | | 3.20 | 51 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 50 | 0003 | 4.3 | | | | | | | | |
| 73/09/21 | 08 20 | 0003 | 5.0 | | | | | | | | |
| 73/10/09 | 09 40 | 0003 | 4.7 | | | | | | | | |
| 73/10/18 | 09 25 | 0003 | 5.0 | | | | | | | | |
| 73/10/26 | 10 20 | 0003 | 4.2 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052798 D95 SC23
37 49 28.0 121 22 41.0 2
HEAD OF MIDDLE RIVER
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0060 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 22 41 LATITUDE - 37 49 28

MONITORING STATION FOR STOCKTON SHIP CHANNEL DISSOLVED OXYGEN SAG STUDY.

DESCRIPTION - LOCATED ON MIDDLE RIVER AT HEAD.

SAMPLING POINT - MID-STREAM AT HEAD OF MIDDLE RIVER.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR SUSPENDED SOLIDS. USBR LAB FOR NUTRIENTS.

STORET RETRIEVAL DATE 77/03/21

052798 D95 SC23
37 49 28.0 121 22 41.0 2
HEAD OF MIDDLE RIVER
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA

/TYPA/AMBNT/STREAM

113BUREC 760206 04001004
0060 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 35 | 0003 | 57.00 | | | 30.00 | 66 | | | | | |
| 73/09/21 | 08 10 | 0003 | 77.00 | | | 39.00 | 66 | | | | | |
| 73/10/09 | 09 25 | 0003 | 29.00 | | | 13.00 | 68 | | | | | |
| 73/10/18 | 09 15 | 0003 | 71.00 | | | 33.00 | 68 | | | | | |
| 73/10/26 | 10 15 | 0003 | 8.30 | | | 10.00 | 45 | | | | | |
| 73/11/15 | 13 10 | 0003 | 7.10 | | | 8.00 | 47 | | | | | |
| 73/12/13 | 10 45 | 0003 | 3.00 | | | 4.30 | 41 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/13 | 10 35 | 0003 | 4.6 | | | | | | | | |
| 73/09/21 | 08 10 | 0003 | 5.4 | | | | | | | | |
| 73/10/09 | 09 25 | 0003 | 3.7 | | | | | | | | |
| 73/10/18 | 09 15 | 0003 | 4.1 | | | | | | | | |
| 73/10/26 | 10 15 | 0003 | 3.9 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052531 P8 92
37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 23 00 LATITUDE - 37 58 40

MONITORING STATION FOR PERIPHERAL STUDY PROGRAM.

DESCRIPTION - LOCATED NEAR AN INDUSTRIAL AREA, IN A NAVIGATION CHANNEL, APPROXIMATELY ONE-HALF MILE UPSTREAM FROM THE SAN JOAQUIN SIPHON OF THE PROPOSED PERIPHERAL CANAL.

SAMPLING POINT - SAN JOAQUIN RIVER, AT FL R 4SEC 40 . DEPTH AT SITE IS 30 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/21

052531 P8 92
37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/01/23 | 13 15 | 0003 | 9.88C | | | | | | | | | |
| 69/02/14 | 12 35 | 0003 | 4.48C | | | | | | | | | |
| 69/04/16 | 11 00 | 0003 | 13.68C | | | | | | | | | |
| 69/05/22 | 12 15 | 0003 | 11.40C | | | | | | | | | |
| 69/06/09 | 11 35 | 0002 | 9.12C | | | | | | | | | |
| 69/07/17 | 13 00 | 0002 | 23.56C | | | | | | | | | |
| 69/08/07 | 13 30 | 0002 | 21.28C | | | | | | | | | |
| 69/09/17 | 13 45 | 0002 | 27.36C | 1.30 | 7.80 | | | | | | | |
| 69/10/22 | 10 20 | 0001 | 11.00 | 0.00 | 2.60 | 9.80 | 53 | | | | | |
| 69/11/14 | 13 50 | 0003 | 6.20 | 0.18 | 1.40 | 6.90 | 47 | | | | | |
| 69/12/18 | 09 55 | 0002 | 6.99C | | | | | | | | | |
| 70/01/13 | 09 55 | 0003 | 5.40C | | | | | | | | | |
| 70/02/17 | 12 05 | 0003 | 5.09C | | | | | | | | | |
| 70/03/12 | 11 15 | 0003 | 5.93C | | | | | | | | | |
| 70/04/21 | 14 30 | 0001 | 46.36C | | | | | | | | | |
| 70/05/12 | 14 00 | 0001 | 110.00 | 0.10 | 37.00 | 28.00 | 79 | | | | | |
| 70/06/10 | 13 45 | 0001 | 65.00 | 1.90 | 11.00 | 32.00 | 67 | | | | | |
| 70/07/08 | 13 15 | 0001 | 7.70 | 0.63 | 1.00 | 6.90 | 53 | | | | | |
| 70/08/11 | 13 45 | 0003 | 16.00 | 0.04 | 3.10 | 9.80 | 63 | | | | | |
| 70/09/17 | 13 05 | 0001 | 25.00 | 0.31 | 3.40 | 16.00 | 61 | | | | | |
| 70/10/12 | 13 30 | 0002 | 60.00 | 2.60 | 9.70 | 28.00 | 69 | | | | | |
| 70/11/16 | 12 45 | 0002 | 23.00 | 1.20 | 4.00 | 18.00 | 56 | | | | | |
| 71/02/17 | 11 35 | 0003 | 7.30 | 0.54 | 1.60 | 7.30 | 50 | | | | | |
| 71/03/22 | 13 05 | 0003 | 6.90 | 0.35 | 0.33 | 7.30 | 48 | | | | | |
| 71/04/28 | 11 35 | 0003 | 68.00 | 0.00 | 17.00 | 16.00 | 80 | | | | | |
| 71/05/18 | 12 20 | 0003 | 110.00 | 0.00 | 26.00 | 18.00 | 85 | | | | | |
| 71/06/09 | 12 30 | 0001 | 70.00 | 0.00 | 16.00 | 34.00 | 67 | | | | | |
| 71/07/15 | 12 15 | 0002 | 30.00 | 0.25 | 13.00 | 17.00 | 63 | | | | | |
| 71/08/09 | 11 00 | 0002 | 41.00 | 0.00 | 19.00 | 18.00 | 69 | | | | | |
| 71/09/13 | 12 00 | 0002 | 23.00 | 0.60 | 7.60 | 15.00 | 60 | | | | | |
| 71/10/05 | 11 20 | 0001 | 27.00 | 1.60 | 7.70 | 38.00 | 42 | | | | | |
| 71/11/11 | 11 45 | 0002 | 27.00 | 1.30 | 7.50 | 21.00 | 57 | | | | | |
| 71/12/09 | 11 35 | 0002 | 15.00 | 0.26 | 2.00 | 7.10 | 67 | | | | | |
| 72/01/19 | 11 40 | 0002 | 8.40 | 1.00 | 1.50 | 5.00 | 62 | | | | | |
| 72/02/23 | 11 45 | 0003 | 13.00 | 1.10 | 1.40 | 8.70 | 60 | | | | | |
| 72/03/20 | 12 45 | 0002 | 52.00 | 0.00 | 10.00 | 18.00 | 74 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052531 P8 92
37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

Oxygen

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/04/20 | 11 25 | 0003 | 250.00 | 0.00 | 28.00 | 51.00 | 83 | | | | | |
| 72/05/30 | 11 45 | 0003 | 52.00 | 0.70 | 7.90 | 13.00 | 79 | | | | | |
| 72/06/16 | 09 45 | 0003 | 34.00 | 0.93 | 4.60 | 12.00 | 74 | | | | | |
| 72/07/13 | 12 45 | 0001 | 31.00 | 0.31 | 8.00 | 11.00 | 74 | | | | | |
| 72/08/17 | 13 00 | 0002 | 26.00 | 0.00 | 3.10 | 9.00 | 74 | | | | | |
| 72/09/25 | 12 55 | 0001 | 40.00 | 0.46 | 5.10 | 14.00 | 73 | | | | | |
| 72/10/16 | 12 40 | 0002 | 20.00 | 2.30 | 3.10 | 14.00 | 59 | | | | | |
| 72/11/20 | 08 30 | 0002 | 13.00 | 2.70 | 2.00 | 12.00 | 52 | | | | | |
| 72/12/18 | 11 15 | 0003 | 8.70 | 1.00 | 1.90 | 3.50 | 71 | | | | | |
| 73/01/22 | 11 30 | 0003 | 4.30 | | | 7.70 | 36 | | | | | |
| 73/02/20 | 11 45 | 0002 | 4.30 | | | 5.10 | 46 | | | | | |
| 73/03/06 | 11 15 | 0002 | 4.10 | | | 2.80 | 59 | | | | | |
| 73/04/03 | 10 30 | 0001 | 12.00 | | | 5.10 | 71 | 0.67 | 2.64 | 1.11 | 1.97 | 0.24 |
| 73/05/01 | 10 00 | 0001 | 37.00 | | | 28.00 | 57 | 3.97M | 2.45 | 2.34 | 6.42 | 0.78 |
| 73/06/05 | 14 35 | 0002 | 56.00 | | | 22.00 | 72 | 6.49M | 3.41 | 2.78 | 9.90 | 1.21 |
| 73/07/02 | 14 10 | 0001 | 29.00 | | | 15.00 | 65 | 1.21 | 2.69 | 2.41 | 1.48 | 0.18 |
| 73/07/31 | 12 20 | 0002 | 41.00 | | | 18.00 | 69 | 4.67M | 2.55 | 2.27 | 7.21 | 0.88 |
| 73/08/28 | 12 20 | 0001 | 35.00 | | | 11.00 | 75 | 1.52 | 2.77 | 1.99 | 1.26 | 0.15 |
| 73/09/25 | 10 00 | 0001 | 30.00 | | | 17.00 | 63 | 1.36M | 2.68 | 1.35 | 4.04 | 0.49 |
| 73/10/15 | 13 15 | 0002 | 34.00 | | | 22.00 | 61 | | | | | |
| 73/11/13 | 12 45 | 0002 | 8.90 | | | 13.00 | 41 | | | | | |
| 73/12/11 | 12 20 | 0002 | 8.60 | | | 10.00 | 44 | | | | | |
| 74/01/09 | 12 35 | 0002 | 2.70 | | | 3.20 | 45 | | | | | |
| 74/02/06 | 11 00 | 0002 | 9.40 | | | 5.40 | 63 | | | | | |
| 74/03/25 | 10 35 | 0003 | 16.00 | | | 9.10 | 65 | | | | | |
| 74/04/09 | 09 10 | 0003 | 9.50 | | | 6.10 | 61 | | | | | |
| 74/04/25 | 09 00 | 0003 | 30.00 | | | 15.00 | 66 | | | | | |
| 74/05/09 | 08 50 | 0003 | 29.00 | | | 23.00 | 55 | | | | | |
| 74/05/22 | 08 20 | 0003 | 30.00 | | | 14.00 | 68 | | | | | |
| 74/06/05 | 08 05 | 0003 | 27.00 | | | 18.00 | 60 | | | | | |
| 74/06/24 | 11 20 | 0003 | 17.00 | | | 14.00 | 56 | | | | | |
| 74/07/08 | 10 30 | 0003 | 69.00 | | | 20.00 | 78 | | | | | |
| 74/07/22 | 10 25 | 0003 | 74.00 | | | 20.00 | 78 | 0.48M | 4.21 | 2.45 | 4.69 | 0.57 |
| 74/08/06 | 09 35 | 0003 | 60.00 | | | 14.00 | 81 | | | | | |
| 74/08/22 | 11 40 | 0003 | 43.00 | | | 11.00 | 79 | | | | | |
| 74/09/05 | 10 25 | 0003 | 58.00 | | | 15.00 | 79 | | | | | |
| 74/09/18 | 09 30 | 0003 | 21.00 | | | 33.00 | 40 | | | | | |
| 74/10/01 | 09 50 | 0003 | 43.00 | | | 30.00 | 59 | | | | | |
| 74/10/16 | 08 50 | 0003 | 22.00 | | | 27.00 | 45 | | | | | |
| 74/11/06 | 13 10 | 0003 | 16.00 | | | 10.00 | 61 | | | | | |
| 74/11/18 | 11 20 | 0003 | 15.00 | | | 8.20 | 65 | | | | | |
| 74/12/17 | 10 05 | 0003 | 3.30 | | | 5.80 | 37 | | | | | |

STORET RETRIEVAL DATE 77/03/21

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37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
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/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/25 | 12 55 | 0001 | 60 | 0 | 0 | 0 | 0 | 0 | 1147 | 1207 |
| 72/10/16 | 12 40 | 0002 | 379 | 10 | 35 | 20 | 5 | 30 | 449 | 928 |
| 72/11/20 | 08 30 | 0002 | 954 | 0 | 5 | 15 | 5 | 0 | 268 | 1247 |
| 72/12/18 | 11 15 | 0003 | 752 | 0 | 20 | 24 | 45 | 0 | 202 | 1039 |
| 73/01/22 | 11 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/20 | 11 45 | 0002 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/04/03 | 10 30 | 0001 | 197 | 0 | 61 | 10 | 5 | 5 | 716 | 994 |
| 73/05/01 | 10 00 | 0001 | 108 | 0 | 0 | 0 | 108 | 0 | 912 | 1128 |
| 73/06/05 | 14 35 | 0002 | 120 | 0 | 0 | 24 | 12 | 12 | 1395 | 1563 |
| 73/07/02 | 14 10 | 0001 | 48 | 0 | 0 | 0 | 48 | 0 | 924 | 1020 |
| 73/07/31 | 12 20 | 0002 | 0 | 0 | 0 | 12 | 0 | 0 | 432 | 432 |
| 73/08/28 | 12 20 | 0001 | 12 | 0 | 0 | 0 | 24 | 12 | 384 | 432 |
| 73/09/25 | 10 00 | 0001 | 687 | 0 | 0 | 0 | 162 | 0 | 544 | 1474 |
| 73/10/15 | 13 15 | 0002 | 626 | 10 | 20 | 30 | 20 | 10 | 576 | 1484 |
| 73/11/13 | 12 45 | 0002 | 1105 | 5 | 10 | 20 | 56 | 0 | 809 | 2005 |
| 74/01/09 | 12 35 | 0002 | 380 | 0 | 15 | 10 | 10 | 0 | 673 | 1088 |
| 74/02/06 | 11 00 | 0002 | 1718 | 10 | 71 | 0 | 0 | 0 | 968 | 2767 |
| 74/03/25 | 10 35 | 0003 | 2706 | 0 | 162 | 10 | 212 | 0 | 1959 | 5049 |
| 74/04/25 | 09 00 | 0003 | 792 | 0 | 0 | 264 | 44 | 0 | 3894 | 4994 |
| 74/05/09 | 08 50 | 0003 | 638 | 0 | 0 | 88 | 22 | 0 | 3828 | 4576 |
| 74/05/22 | 08 20 | 0003 | 396 | 0 | 0 | 44 | 44 | 0 | 4708 | 5192 |
| 74/06/05 | 08 05 | 0003 | 242 | 0 | 0 | 22 | 0 | 0 | 1254 | 1518 |
| 74/06/24 | 11 20 | 0003 | 33 | 0 | 0 | 0 | 0 | 0 | 437 | 470 |
| 74/07/08 | 10 30 | 0003 | 154 | 22 | 0 | 0 | 88 | 0 | 3256 | 3520 |
| 74/07/22 | 10 25 | 0003 | 132 | 0 | 0 | 88 | 88 | 22 | 4422 | 4752 |
| 74/08/06 | 09 35 | 0003 | 22 | 0 | 0 | 0 | 88 | 0 | 3146 | 3256 |
| 74/08/22 | 11 40 | 0003 | 110 | 0 | 0 | 44 | 0 | 0 | 3146 | 3300 |
| 74/09/05 | 10 25 | 0003 | 1012 | 0 | 0 | 220 | 220 | 44 | 3608 | 5104 |
| 74/09/18 | 09 30 | 0003 | 968 | 0 | 0 | 110 | 132 | 0 | 3662 | 4872 |
| 74/10/01 | 09 50 | 0003 | 1276 | 22 | 0 | 330 | 66 | 0 | 7304 | 8998 |
| 74/10/16 | 08 50 | 0003 | 572 | 22 | 0 | 0 | 44 | 0 | 3168 | 3806 |
| 74/11/06 | 13 10 | 0003 | 704 | 0 | 0 | 528 | 22 | 22 | 3278 | 4554 |
| 74/11/18 | 11 20 | 0003 | 308 | 0 | 0 | 0 | 0 | 0 | 2090 | 2398 |
| 74/12/17 | 10 05 | 0003 | 462 | 0 | 0 | 0 | 22 | 0 | 1716 | 2200 |

STORET RETRIEVAL DATE 77/03/21

052531 P8 92
37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

113BUREC 04001004
0003 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0125 | | | |
| 69/02/07 | | | 0.0000 | | | |
| 69/03/09 | | | 0.0000 | | | |
| 69/05/26 | | | 0.0001 | | | |
| 69/06/25 | | | 0.0005 | | | |
| 69/07/24 | | | 0.0026 | | | |
| 69/08/20 | | | 0.0013 | | | |
| 69/09/18 | | | 0.0000 | | | |
| 69/10/21 | | | 0.0000 | | | |
| 69/11/15 | | | 0.0009 | | | |
| 69/12/19 | | | 0.0001 | | | |
| 70/01/13 | | | 0.0024 | | | |
| 70/02/12 | | | 0.0001 | | | |
| 70/03/15 | | | 0.0001 | | | |
| 70/04/13 | | | 0.0015 | | | |
| 70/05/12 | | | 0.1330 | | | |
| 70/06/10 | | | 0.0195 | | | |
| 70/07/09 | | | 0.0152 | | | |
| 70/08/25 | | | 0.0008 | | | |
| 70/09/23 | | | 0.0027 | | | |
| 70/10/24 | | | 0.0044 | | | |
| 70/11/17 | | | 0.0069 | | | |
| 70/12/19 | | | 0.0022 | | | |
| 71/01/18 | | | 0.0014 | | | |
| 71/02/17 | | | 0.0019 | | | |
| 71/03/04 | | | 0.0010 | | | |
| 71/04/09 | | | 0.0547 | 20.00L | 6.07L | 15.00L |
| 71/05/03 | | | 0.0211 | | | |
| 71/06/02 | | | 0.0050 | 12.00L | 256.30L | 61.00L |
| 71/07/01 | | | 0.0138 | 4.00L | 85.09L | 67.00L |
| 71/07/29 | | | 0.0019 | 10.00L | 43.75L | 38.00 |
| 71/09/01 | | | 0.0000 | 6.00L | 87.49 | 23.00L |
| 71/10/12 | | | 0.0004 | 12.00L | 8.67L | 5.00L |
| 71/11/08 | | | 0.0050 | 2.00L | 1.52L | 0.50L |
| 71/12/08 | | | 0.0115 | 32.00L | 38.11L | 26.00L |
| 72/01/10 | | | 0.0130 | 73.00 | 0.33 | 15.00 |

STORET RETRIEVAL DATE 77/03/21

052531 P8 92
37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BURFC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/08 | | | 0.0019 | 56.00L | 0.30 | 44.00 |
| 72/03/09 | | | 0.0013 | 321.00 | 0.30 | 54.00 |
| 72/04/06 | | | 0.0245 | 834.00 | 23.40 | 268.00 |
| 72/04/19 | | | 0.0368 | 491.00L | 60.00 | 142.00 |
| 72/05/03 | | | 0.0732 | 790.00 | 127.80 | 140.00 |
| 72/05/17 | | | 0.1268 | 203.00 | 20.25 | 116.00 |
| 72/06/05 | | | 0.1045 | 365.00 | 25.76 | 252.00 |
| 72/06/19 | | | 0.0508 | 817.00 | 34.22 | 211.00 |
| 72/07/04 | | | 0.0055 | 1034.00 | 24.41 | 148.00 |
| 72/07/18 | | | 0.0093 | 444.00 | 33.55 | 204.00 |
| 72/08/01 | | | 0.0048 | 1335.00 | 61.94 | 201.00 |
| 72/08/14 | | | 0.0030 | 678.00 | 50.47 | 241.00 |
| 72/09/12 | | | 0.0093 | 174.00 | 49.70 | 163.00 |
| 72/09/27 | | | 0.0008 | 798.00 | 83.47 | 89.00 |
| 72/10/11 | | | 0.0007 | 1554.00 | 35.83 | 43.00 |
| 72/10/26 | | | 0.0023 | 959.00L | 23.00 | 30.00 |
| 72/11/14 | | | 0.0283 | 967.00 | 12.43 | 38.00 |
| 72/12/18 | | | 0.0003 | 58.00L | 1.50 | 25.00 |
| 73/03/14 | | | 0.0000 | 72.00 | 1.76 | 17.00 |
| 73/04/09 | | | 0.0011 | 102.00 | 1.93 | 22.00 |
| 73/04/24 | | | 0.0160 | 953.00 | 35.58 | 121.00 |
| 73/05/08 | | | 0.0350 | 913.00 | 103.60 | 302.00 |
| 73/05/23 | | | 0.0260 | 988.00 | 90.87 | 201.00 |
| 73/06/06 | | | 0.0110 | 414.00 | 45.52 | 149.00 |
| 73/06/25 | | | 0.0317 | 639.00 | 73.75 | 530.00 |
| 73/07/06 | | | 0.0259 | 1264.00 | 45.41 | 327.00 |
| 73/07/23 | | | 0.0040 | 1060.00 | 40.09 | 212.00 |
| 73/08/06 | | | 0.0030 | 339.00 | 38.00 | 196.00 |
| 73/08/20 | | | 0.0026 | 410.00 | 22.21 | 106.00 |
| 73/09/04 | | | 0.0033 | 368.00 | 30.70 | 59.00 |
| 73/09/17 | | | 0.0010 | 253.00 | 88.88 | 239.00 |
| 73/10/01 | | | 0.0067 | 408.00 | 33.76 | 220.00 |
| 73/10/15 | | | 0.0027 | 661.00 | 4.96 | 71.00 |
| 73/11/15 | | | 0.0024 | 313.00 | 6.94 | 51.00 |
| 74/03/13 | | | 0.0004 | 144.50 | 0.96 | 14.66 |
| 74/03/29 | | | 0.0102 | 236.80 | 5.40 | 40.13 |

STORET RETRIEVAL DATE 77/03/21

052531 P8 92
37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/15 | | | 0.0016 | 568.00 | 5.10 | 17.84 |
| 74/05/10 | | | 0.0038 | 1224.00 | 40.62 | 93.98 |
| 74/05/27 | | | 0.0094 | 1124.00 | 92.49 | 68.10 |
| 74/06/10 | | | 0.0814 | 665.60 | 77.94 | 113.90 |
| 74/06/24 | | | 0.0333 | 259.10 | 38.59 | 225.10 |
| 74/07/09 | | | 0.0438 | 636.70 | 35.51 | 228.80 |
| 74/07/23 | | | 0.0033 | 774.50 | 40.26 | 167.90 |
| 74/08/07 | | | 0.0012 | 1243.00 | 79.84 | 189.00 |
| 74/08/22 | | | 0.0005 | 1165.00 | 144.50 | 245.60 |
| 74/09/13 | | | 0.0002 | 415.20 | 198.50 | 511.00 |
| 74/09/20 | | | 0.0000 | 1165.00 | 42.73 | 121.60 |
| 74/10/04 | | | 0.0001 | 809.70 | 13.95 | 67.08 |
| 74/10/21 | | | 0.0000 | 950.80 | 4.22 | 33.32 |
| 74/11/18 | | | 0.0001J | | | |

STORET RETRIEVAL DATE 77/03/21

052531 P8 92
37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/17 | 10 05 | 0003 | 3.0 | | | | | | | | |
| 68/08/14 | 11 00 | 0003 | 0.4 | | | | | | | | |
| 68/09/11 | 10 25 | 0003 | 0.5 | | | | | | | | |
| 68/11/13 | 11 10 | 0003 | | 3.6 | | | | | | | |
| 69/01/23 | 13 15 | 0003 | 2.9 | | | | | | | | |
| 69/02/14 | 12 35 | 0003 | 2.4 | | | | | | | | |
| 69/03/24 | 13 15 | 0003 | 2.4 | | | | | | | | |
| 69/04/16 | 11 00 | 0003 | 1.6 | | | | | | | | |
| 69/05/22 | 12 15 | 0003 | 1.7 | | | | | | | | |
| 69/07/17 | 13 00 | 0002 | 1.7 | | | | | | | | |
| 69/09/17 | 13 45 | 0002 | 2.6 | | | | | | | | |
| 69/10/22 | 10 20 | 0001 | 1.9 | | | | | | | | |
| 69/11/14 | 13 50 | 0003 | 1.9 | | | | | | | | |
| 69/12/18 | 09 55 | 0002 | 1.6 | | | | | | | | |
| 70/01/13 | 09 55 | 0003 | 1.4 | | | | | | | | |
| 70/02/17 | 12 05 | 0003 | 1.5 | | | | | | | | |
| 70/03/12 | 11 15 | 0003 | 1.4 | | | | | | | | |
| 70/04/21 | 14 30 | 0001 | 4.0 | | | | | | | | |
| 70/05/12 | 14 00 | 0001 | 5.3 | | | | | | | | |
| 70/06/10 | 13 45 | 0001 | 3.0 | | | | | | | | |
| 70/07/08 | 13 15 | 0001 | 3.7 | | | | | | | | |
| 70/08/11 | 13 45 | 0003 | 1.2 | | | | | | | | |
| 70/09/17 | 13 05 | 0001 | 2.8 | | | | | | | | |
| 70/10/12 | 13 30 | 0002 | 5.5 | | | | | | | | |
| 70/11/16 | 12 45 | 0002 | 2.5 | | | | | | | | |
| 71/02/17 | 11 35 | 0003 | 2.0 | | | | | | | | |
| 71/03/22 | 13 05 | 0003 | 2.1 | | | | | | | | |
| 71/04/28 | 11 35 | 0003 | 3.8 | | | | | | | | |
| 71/05/18 | 12 20 | 0003 | 6.0 | | | | | | | | |
| 71/06/09 | 12 30 | 0001 | 3.7 | | | | | | | | |
| 71/07/15 | 12 15 | 0002 | 3.7 | | | | | | | | |
| 71/08/09 | 11 00 | 0002 | 1.5 | | | | | | | | |
| 71/09/13 | 12 00 | 0002 | 2.7 | | | | | | | | |
| 71/10/05 | 11 20 | 0001 | | | 10.0 | | | | | | |
| 71/11/11 | 11 45 | 0002 | 3.7 | | | | | | | | |
| 71/12/09 | 11 35 | 0002 | 3.9 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052531 P8 92
37 58 42.0 121 22 55.0 2
SAN JOAQUIN AT BUCKLEY COVE-P8
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/01/19 | 11 40 | 0002 | 1.5 | | | | | | | | |
| 72/02/23 | 11 45 | 0003 | 2.7 | | | | | | | | |
| 72/06/16 | 09 45 | 0003 | 2.5 | | | 12.0 | | | | | 13.8 |
| 72/08/17 | 13 00 | 0002 | | | 3.6 | 7.2 | | | | | 10.4 |
| 73/04/03 | 10 30 | 0001 | 2.1 | | | | | | | | |
| 73/07/31 | 12 20 | 0002 | 2.8 | | | | | | | | |
| 73/08/28 | 12 20 | 0001 | 2.3 | | | | | | | | |
| 73/09/25 | 10 00 | 0001 | 4.2 | | | | | | | | |
| 73/11/13 | 12 45 | 0002 | 3.0 | | | | | | | | |
| 73/12/11 | 11 20 | 0002 | 3.2 | | | | | | | | |
| 74/01/09 | 12 35 | 0002 | 2.6 | | | | | | | | |
| 74/02/06 | 11 00 | 0002 | 1.9 | | | | | | | | |
| 74/03/25 | 10 35 | 0003 | 2.4 | | | | | | | | |
| 74/04/09 | 09 10 | 0003 | 1.9 | | | | | | | | |
| 74/05/09 | 08 50 | 0003 | 2.5 | | | | | | | | |
| 74/06/05 | 08 05 | 0003 | 3.0 | | | | | | | | |
| 74/07/08 | 10 30 | 0003 | 2.3 | | | | | | | | |
| 74/08/06 | 09 35 | 0003 | 2.0 | | | | | | | | |
| 74/09/05 | 10 25 | 0003 | 3.2 | | | | | | | | |
| 74/10/01 | 09 50 | 0003 | 5.0 | | | | | | | | |
| 74/11/06 | 13 10 | 0003 | 3.1 | | | | | | | | |
| 74/12/17 | 10 05 | 0003 | 1.6 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052532 P9
37 56 10.0 121 26 00.0 2
WHISKEY SLOUGH NEAR HOLT-P9
06 CALIFORNIA
SACTO-SAN JOAQUIN 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED AT THE UPPER END OF SMALL DEAD-END SLOUGH IN THE SOUTHERN DELTA. NO TURNOUT IS PLANNED INTO THIS SLOUGH FROM THE PROPOSED PERIPHERAL CANAL.

SAMPLING POINT - IN WHISKEY SLOUGH. FROM A FLOATING DOCK OPERATED BY WHISKEY SLOUGH HARBOR. LOCATED ON THE LEVEE ROAD ON THE NORTHEAST SIDE OF THE SLOUGH.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

ANALYSIS MADE BY - MC CLELLAN AFB FOR COMMON CHEMICALS AND NUTRIENTS, AND USBR FOR ALL OTHER ANALYSES.

STORET RETRIEVAL DATE 77/03/21

052532 P9
37 56 10.0 121 26 00.0 2
WHISKEY SLOUGH NEAR HOLT-P9
06 CALIFORNIA
SACTO-SAN JOAQUIN 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 10 30 | 0002 | 5.93C | | | | | | | | | |
| 69/01/21 | 09 10 | 0003 | 2.13C | | | | | | | | | |
| 69/04/16 | 11 45 | 0003 | 14.44C | | | | | | | | | |
| 69/07/22 | 12 00 | 0003 | 26.60C | | | | | | | | | |
| 69/10/22 | 11 30 | 0003 | 12.00 | 0.00 | 3.80 | 9.40 | 56 | | | | | |
| 70/01/13 | 10 55 | 0003 | 4.33C | | | | | | | | | |
| 70/04/22 | 11 45 | 0003 | 30.40C | | | | | | | | | |
| 70/07/09 | 09 55 | 0003 | 26.00 | 1.90 | 14.00 | 12.00 | 69 | | | | | |
| 70/10/13 | 10 50 | 0003 | 18.00 | 0.51 | 3.00 | 9.70 | 64 | | | | | |
| 71/02/17 | 12 10 | 0003 | 5.90 | 0.81 | 0.00 | 2.80 | 67 | | | | | |
| 71/04/28 | 12 50 | 0003 | 60.00 | 0.00 | 15.00 | 11.00 | 83 | | | | | |
| 71/05/18 | 13 15 | 0003 | 18.00 | 0.00 | 4.50 | 8.40 | 68 | | | | | |
| 71/06/09 | 13 14 | 0003 | 34.00 | 0.00 | 9.80 | 14.00 | 70 | | | | | |
| 71/07/15 | 12 55 | 0003 | 34.00 | 1.60 | 9.50 | 15.00 | 70 | | | | | |
| 71/08/09 | 11 45 | 0003 | 45.00 | 1.80 | 13.00 | 19.00 | 70 | | | | | |
| 71/09/13 | 13 10 | 0003 | 24.00 | 2.00 | 4.20 | 7.30 | 76 | | | | | |
| 71/10/05 | 12 20 | 0003 | 16.00 | 0.70 | 3.80 | 12.00 | 56 | | | | | |
| 71/11/11 | 12 45 | 0003 | 19.00 | 1.80 | 4.40 | 12.00 | 60 | | | | | |
| 71/12/09 | 12 45 | 0003 | 4.60 | 0.002 | 0.63 | 4.00 | 53 | | | | | |
| 72/01/19 | 12 50 | 0003 | 4.50 | 0.02 | 1.20 | 1.50 | 74 | | | | | |
| 72/02/23 | 12 40 | 0003 | 42.00 | 3.00 | 4.30 | 6.50 | 86 | | | | | |
| 72/03/20 | 13 25 | 0003 | 50.00 | 0.00 | 9.00 | 10.00 | 83 | | | | | |
| 72/04/20 | 12 15 | 0003 | 210.00 | 0.00 | 33.00 | 51.00 | 80 | | | | | |
| 72/05/30 | 12 45 | 0003 | 15.00 | 0.71 | 2.00 | 7.30 | 67 | | | | | |
| 72/06/16 | 10 45 | 0003 | 16.00 | 0.76 | 2.30 | 8.10 | 66 | | | | | |
| 72/07/13 | 13 50 | 0003 | 63.00 | 0.55 | 11.00 | 17.00 | 78 | | | | | |
| 72/08/17 | 13 50 | 0003 | 34.00 | 0.83 | 5.90 | 9.90 | 77 | | | | | |
| 72/09/25 | 13 30 | 0003 | 17.00 | 2.10 | 1.40 | 9.10 | 65 | | | | | |
| 72/10/16 | 13 40 | 0003 | 8.60 | 0.58 | 1.20 | 6.60 | 56 | | | | | |
| 72/11/20 | 09 20 | 0003 | 3.30 | 0.42 | 0.80 | 4.00 | 44 | | | | | |
| 72/12/18 | 12 10 | 0003 | 5.80 | 0.43 | 1.30 | 2.40 | 70 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052532 P9
37 56 10.0 121 26 00.0 2
WHISKEY SLOUGH NEAR HOLT-P9
06 CALIFORNIA
SACTO-SAN JOAQUIN 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/25 | 13 30 | 0003 | 20 | 0 | 6 | 0 | 0 | 30 | 808 | 858 |
| 72/10/16 | 13 40 | 0003 | 5 | 25 | 0 | 0 | 0 | 5 | 247 | 282 |
| 72/11/20 | 09 20 | 0003 | 10 | 0 | 0 | 0 | 76 | 0 | 20 | 106 |
| 72/12/18 | 12 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/13 | 12 10 | 0002 | | 2.3 | | | | | | | |
| 68/12/11 | 10 30 | 0002 | 1.3 | | | | | | | | |
| 69/01/21 | 09 10 | 0003 | 2.0 | | | | | | | | |
| 69/04/16 | 11 45 | 0003 | 4.0 | | | | | | | | |
| 69/07/22 | 12 00 | 0003 | 1.8 | | | | | | | | |
| 69/10/22 | 11 30 | 0003 | 1.8 | | | | | | | | |
| 70/01/13 | 10 55 | 0003 | 1.0 | | | | | | | | |
| 70/04/22 | 11 45 | 0003 | 2.5 | | | | | | | | |
| 70/07/09 | 09 55 | 0003 | 3.4 | | | | | | | | |
| 70/10/13 | 10 50 | 0003 | 2.1 | | | | | | | | |
| 71/02/17 | 12 10 | 0003 | 1.4 | | | | | | | | |
| 71/04/28 | 12 50 | 0003 | 3.6 | | | | | | | | |
| 71/05/18 | 13 15 | 0003 | 2.2 | | | | | | | | |
| 71/06/09 | 13 14 | 0003 | 1.2 | | | | | | | | |
| 71/07/15 | 12 55 | 0003 | 4.5 | | | | | | | | |
| 71/08/09 | 11 45 | 0003 | 3.9 | | | | | | | | |
| 71/09/13 | 13 10 | 0003 | 2.6 | | | | | | | | |
| 71/10/05 | 12 20 | 0003 | | | 2.6 | | | | | | |
| 71/11/11 | 12 45 | 0003 | 2.4 | | | | | | | | |
| 71/12/09 | 12 45 | 0003 | 1.7 | | | | | | | | |
| 72/01/19 | 12 50 | 0003 | 1.8 | | | | | | | | |
| 72/02/23 | 12 40 | 0003 | 3.2 | | | | | | | | |
| 72/06/16 | 10 45 | 0003 | 2.2 | | | 6.0 | | | | | 14.5 |
| 72/08/17 | 13 50 | 0003 | | | 3.8 | 7.6 | | | | | 14.2 |

STORET RETRIEVAL DATE 77/03/21

052533 P10
37 53 30.0 121 29 20.0 2
MIDDLE R @ VICTORIA CANAL-P10
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 29 20 LATITUDE - 37 53 30

MONITORING STATION FOR PERIPHERAL CANAL STUDIES PROGRAM.

DESCRIPTION - LOCATED IN MIDDLE RIVER,APPROXIMATELY 3 MILES DOWN STREAM FROM THE MIDDLE RIVER CLOSURE AND TURNOUTS FROM THE PROPOSED PERIHERAL CANAL.

SAMPLING POINT - IN MIDDLE RIVER AT RECORDER,FROM NORTH SIDE OF SWINGING BRIDGE ON HIGHWAY 4.

SAMPLES COLLECTED BY BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/21

052533 P10
37 53 30.0 121 29 20.0 2
MIDDLE R @ VICTORIA CANAL-P10
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 11 00 | 0003 | 4.64C | | | | | | | | | |
| 69/01/21 | 09 55 | 0003 | 3.04C | | | | | | | | | |
| 69/04/16 | 13 05 | 0003 | 38.76C | | | | | | | | | |
| 69/07/22 | 12 50 | 0003 | 9.12C | | | | | | | | | |
| 69/10/22 | 12 30 | 0003 | 29.00 | 0.00 | 9.30 | 11.00 | 73 | | | | | |
| 70/01/13 | 12 30 | 0002 | 5.62C | | | | | | | | | |
| 70/04/22 | 12 15 | 0001 | 32.68C | | | | | | | | | |
| 70/07/09 | 10 35 | 0002 | 13.00 | 0.00 | 1.60 | 11.00 | 56 | | | | | |
| 70/10/13 | 11 35 | 0003 | 5.50 | 0.05 | 1.60 | 4.40 | 56 | | | | | |
| 71/02/17 | 13 00 | 0003 | 2.00 | 0.00 | 0.00 | 3.20 | 38 | | | | | |
| 71/04/28 | 13 35 | 0003 | 27.00 | 0.00 | 4.70 | 7.60 | 77 | | | | | |
| 71/05/18 | 13 40 | 0003 | 50.00 | 0.00 | 12.00 | 13.00 | 79 | | | | | |
| 71/06/09 | 13 50 | 0003 | 100.00 | 0.27 | 26.00 | 20.00 | 83 | | | | | |
| 71/07/15 | 13 30 | 0003 | 7.80 | 0.87 | 0.88 | 8.00 | 49 | | | | | |
| 71/08/09 | 12 30 | 0002 | 16.00 | 1.20 | 6.20 | 13.00 | 55 | | | | | |
| 71/09/13 | 13 50 | 0003 | 27.00 | 0.00 | 7.10 | 8.40 | 76 | | | | | |
| 71/10/05 | 12 55 | 0003 | 44.00 | 0.00 | 10.00 | 13.00 | 77 | | | | | |
| 71/11/11 | 13 15 | 0003 | 16.00 | 0.00 | 2.40 | 7.80 | 67 | | | | | |
| 72/01/19 | 13 20 | 0003 | 4.20 | 0.21 | 0.69 | 2.30 | 64 | | | | | |
| 72/02/23 | 13 10 | 0003 | 4.60 | 0.27 | 0.50 | 3.00 | 60 | | | | | |
| 72/03/20 | 13 55 | 0003 | 9.20 | 0.00 | 1.90 | 3.80 | 70 | | | | | |
| 72/04/20 | 13 00 | 0003 | 72.00 | 0.00 | 10.00 | 23.00 | 75 | | | | | |
| 72/05/30 | 13 20 | 0003 | 16.00 | 0.45 | 1.90 | 7.60 | 67 | | | | | |
| 72/06/16 | 11 30 | 0003 | 5.90 | 0.25 | 1.00 | 6.10 | 49 | | | | | |
| 72/07/13 | 14 45 | 0003 | 6.40 | 0.13 | 1.40 | 3.90 | 61 | | | | | |
| 72/08/17 | 14 30 | 0003 | 10.00 | 0.003 | 0.99 | 5.80 | 63 | | | | | |
| 72/09/25 | 14 10 | 0003 | 7.90 | 0.26 | 0.65 | 6.30 | 55 | | | | | |
| 72/10/16 | 14 20 | 0003 | 4.10 | 0.23 | 0.00 | 4.00 | 50 | | | | | |
| 72/11/20 | 10 05 | 0003 | 1.80 | 0.11 | 0.31 | 2.10 | 46 | | | | | |
| 72/12/18 | 13 00 | 0003 | 1.10 | 0.23 | 0.37 | 1.50 | 42 | | | | | |
| 73/01/22 | 12 50 | 0003 | 1.20 | | | 2.00 | 38 | | | | | |
| 73/02/20 | 13 00 | 0003 | 3.50 | | | 5.20 | 41 | | | | | |
| 73/03/06 | 12 30 | 0003 | 1.70 | | | 2.60 | 41 | | | | | |
| 73/04/03 | 11 30 | 0003 | 7.80 | | | 6.50 | 55 | 0.01 | 0.94 | 0.79 | 0.93 | 0.20 |
| 73/05/01 | 11 05 | 0002 | 5.80 | | | 6.30 | 48 | 0.90M | 0.32 | 0.36 | 1.22 | 0.27 |
| 73/06/05 | 15 30 | 0003 | 6.60 | | | 7.00 | 48 | 1.08M | 1.36 | 1.18 | 2.44 | 0.54 |

STORET RETRIEVAL DATE 77/03/21

052533 P10
37 53 30.0 121 29 20.0 2
MIDDLE R @ VICTORIA CANAL-P10
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/07/02 | 15 10 | 0003 | | | | | | 2.14M | 0.63 | 0.72 | 2.76 | 0.61 |
| 73/07/31 | 13 40 | 0003 | 19.00 | | | 10.00 | 65 | 2.10M | 1.38 | 1.33 | 3.48 | 0.77 |
| 73/08/28 | 13 20 | 0003 | 16.00 | | | 9.70 | 64 | 2.28 | 2.40 | 1.36 | 0.12 | 0.03 |
| 73/09/25 | 10 50 | 0002 | 7.20 | | | 6.60 | 52 | 1.00M | 1.25 | 0.59 | 1.00 | 0.22 |
| 73/10/15 | 14 00 | 0003 | 7.50 | | | 5.10 | 60 | | | | | |
| 73/11/13 | 13 30 | 0003 | 2.40 | | | 2.90 | 45 | | | | | |
| 73/12/11 | 13 05 | 0003 | 1.30 | | | 1.80 | 42 | | | | | |
| 74/01/09 | 13 30 | 0003 | 1.40 | | | 2.10 | 41 | | | | | |
| 74/02/06 | 11 55 | 0003 | 2.40 | | | 1.80 | 57 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052533 P10
37 53 30.0 121 29 20.0 2
MIDDLE R @ VICTORIA CANAL-P10
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/25 | 14 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 233 |
| 72/10/16 | 14 20 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 272 | 282 |
| 72/11/20 | 10 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/12/18 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/01/22 | 12 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/20 | 13 00 | 0003 | 182 | 0 | 30 | 0 | 0 | 0 | 566 | 778 |
| 73/04/03 | 11 30 | 0003 | 454 | 0 | 71 | 0 | 10 | 0 | 564 | 1099 |
| 73/05/01 | 11 05 | 0002 | 24 | 0 | 0 | 0 | 12 | 0 | 252 | 288 |
| 73/06/05 | 15 30 | 0003 | 0 | 0 | 0 | 0 | 48 | 0 | 204 | 252 |
| 73/07/02 | 15 10 | 0003 | 60 | 0 | 0 | 0 | 48 | 0 | 1224 | 1332 |
| 73/07/31 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 532 | 532 |
| 73/08/28 | 13 20 | 0003 | 0 | 0 | 0 | 0 | 36 | 0 | 684 | 720 |
| 73/09/25 | 10 50 | 0002 | 28 | 0 | 0 | 0 | 9 | 0 | 335 | 372 |
| 73/10/15 | 14 00 | 0003 | 80 | 0 | 10 | 0 | 101 | 0 | 354 | 545 |
| 73/11/13 | 13 30 | 0003 | 167 | 0 | 30 | 0 | 61 | 0 | 120 | 373 |
| 74/01/09 | 13 30 | 0003 | 292 | 0 | 15 | 0 | 0 | 0 | 80 | 387 |
| 74/02/06 | 11 55 | 0003 | 336 | 0 | 20 | 10 | 0 | 0 | 171 | 537 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/04/13 | | | 0.0000 | 34.00 | 0.16 | 11.00 |
| 73/05/07 | | | 0.0002 | 28.00 | 23.26 | 22.00 |
| 73/06/05 | | | 0.0000 | 40.00 | 16.77 | 40.00 |
| 73/07/03 | | | 0.0000 | 434.00 | 9.36 | 26.00 |
| 73/08/13 | | | 0.0000 | 625.00 | 27.98 | 52.00 |
| 73/09/11 | | | 0.0001 | 1240.00 | 2.00 | 24.00 |
| 73/10/05 | | | 0.0000 | 185.00 | 17.65 | 15.00 |
| 73/11/14 | | | 0.0000 | 43.00 | 11.67 | 6.00 |

STORET RETRIEVAL DATE 77/03/21

052533 P10
37 53 30.0 121 29 20.0 2
MIDDLE R @ VICTORIA CANAL-P10
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/13 | 12 50 | 0003 | | 1.7 | | | | | | | |
| 68/12/11 | 11 00 | 0003 | 1.5 | | | | | | | | |
| 69/01/21 | 09 55 | 0003 | 1.8 | | | | | | | | |
| 69/04/16 | 13 05 | 0003 | 1.7 | | | | | | | | |
| 69/07/22 | 12 50 | 0003 | 0.8 | | | | | | | | |
| 69/10/22 | 12 30 | 0003 | 0.6 | | | | | | | | |
| 70/01/13 | 12 30 | 0002 | 0.9 | | | | | | | | |
| 70/04/22 | 12 15 | 0001 | 1.2 | | | | | | | | |
| 70/07/09 | 10 35 | 0002 | 1.3 | | | | | | | | |
| 70/10/13 | 11 35 | 0003 | 1.1 | | | | | | | | |
| 71/02/17 | 13 00 | 0003 | 2.0 | | | | | | | | |
| 71/04/28 | 13 35 | 0003 | 1.4 | | | | | | | | |
| 71/05/18 | 13 40 | 0003 | 2.4 | | | | | | | | |
| 71/06/09 | 13 50 | 0003 | 1.3 | | | | | | | | |
| 71/07/15 | 13 30 | 0003 | 2.6 | | | | | | | | |
| 71/08/09 | 12 30 | 0002 | 2.0 | | | | | | | | |
| 71/09/13 | 13 50 | 0003 | 1.5 | | | | | | | | |
| 71/10/05 | 12 55 | 0003 | | | 1.9 | | | | | | |
| 71/11/11 | 13 15 | 0003 | 1.6 | | | | | | | | |
| 71/12/09 | 13 20 | 0003 | 1.3 | | | | | | | | |
| 72/01/19 | 13 20 | 0003 | 1.7 | | | | | | | | |
| 72/02/23 | 13 10 | 0003 | 1.3 | | | | | | | | |
| 72/06/16 | 11 30 | 0003 | 3.5 | | | 7.2 | | | | | 13.5 |
| 72/08/17 | 14 30 | 0003 | | | 2.4 | 5.8 | | | | | 8.8 |
| 73/04/03 | 11 30 | 0003 | 1.6 | | | | | | | | |
| 73/07/31 | 13 40 | 0003 | 1.5 | | | | | | | | |
| 73/08/28 | 13 20 | 0003 | 1.3 | | | | | | | | |
| 73/09/25 | 10 50 | 0002 | 2.0 | | | | | | | | |
| 73/11/13 | 13 30 | 0003 | 1.4 | | | | | | | | |
| 73/12/11 | 13 05 | 0003 | 1.5 | | | | | | | | |
| 74/01/09 | 13 30 | 0003 | 1.9 | | | | | | | | |
| 74/02/06 | 11 55 | 0003 | 1.3 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/21

052534 P11
37 52 40.0 121 23 00.0 2
MIDDLE RIVER AT WILLIAMS BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED IN MIDDLE RIVER, APPROXIMATELY THREE MILES U/S FROM A TURNOUT OF THE PROPOSED PERPHERAL CANAL.

SAMPLING POINT - IN MIDDLE RIVER, MIDCHANNEL, FROM SOUTH SIDE OF WILLIAMS BRIDGE ON HOWARD ROAD.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

ANALYSIS MADE BY - MC CLELLAN AFB FOR COMMON CHEMICALS AND NUTRIENTS, AND USBR FOR ALL OTHER ANALYSES.

STORET RETRIEVAL DATE 77/03/21

052534 P11
37 52 40.0 121 23 00.0 2
MIDDLE RIVER AT WILLIAMS BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 12 45 | 0003 | 1.44C | | | | | | | | | |
| 69/01/21 | 10 30 | 0003 | 8.36C | | | | | | | | | |
| 69/04/16 | 13 40 | 0003 | 9.12C | | | | | | | | | |
| 69/07/22 | 13 35 | 0003 | 25.08C | | | | | | | | | |
| 69/10/22 | 13 20 | 0003 | 10.00 | 0.11 | 4.50 | 4.20 | 70 | | | | | |
| 70/01/13 | 13 05 | 0003 | 6.08C | | | | | | | | | |
| 70/04/22 | 12 50 | 0003 | 41.80C | | | | | | | | | |
| 70/07/09 | 11 20 | 0003 | 25.00 | 0.01 | 13.00 | 17.00 | 60 | | | | | |
| 70/10/13 | 12 15 | 0003 | 130.00 | 0.00 | 27.00 | 24.00 | 84 | | | | | |
| 71/02/17 | 13 50 | 0003 | 13.00 | 1.70 | 4.00 | 14.00 | 49 | | | | | |
| 71/04/28 | 14 15 | 0003 | 62.00 | 0.00 | 14.00 | 14.00 | 82 | | | | | |
| 71/05/18 | 14 25 | 0003 | 39.00 | 0.00 | 6.80 | 13.00 | 75 | | | | | |
| 71/06/09 | 14 45 | 0003 | 5.60 | 0.00 | 2.90 | 7.70 | 42 | | | | | |
| 71/07/15 | 14 05 | 0003 | 8.90 | 0.23 | 0.00 | 14.00 | 39 | | | | | |
| 71/08/09 | 13 40 | 0002 | 17.00 | 1.60 | 4.60 | 14.00 | 53 | | | | | |
| 71/09/13 | 15 00 | 0003 | 70.00 | 0.00 | 13.00 | 15.00 | 81 | | | | | |
| 71/10/05 | 14 00 | 0003 | 110.00 | 0.00 | 19.00 | 44.00 | 70 | | | | | |
| 71/11/11 | 14 30 | 0003 | 130.00 | 0.00 | 26.00 | 23.00 | 85 | | | | | |
| 71/12/09 | 14 30 | 0003 | 8.50 | 0.02 | 0.59 | 2.10 | 80 | | | | | |
| 72/01/19 | 14 35 | 0003 | 8.90 | 0.62 | 1.50 | 5.80 | 60 | | | | | |
| 72/02/23 | 14 10 | 0003 | 28.00 | 1.20 | 3.80 | 11.00 | 72 | | | | | |
| 72/03/20 | 15 00 | 0003 | 12.00 | 0.33 | 1.30 | 4.70 | 71 | | | | | |
| 72/04/20 | 14 30 | 0003 | 94.00 | 0.00 | 7.10 | 29.00 | 76 | | | | | |
| 72/05/30 | 14 35 | 0003 | 48.00 | 0.00 | 5.10 | 14.00 | 77 | | | | | |
| 72/06/16 | 13 30 | 0003 | 17.00 | 0.26 | 2.10 | 8.10 | 67 | | | | | |
| 72/07/13 | 16 05 | 0003 | 13.00 | 0.53 | 2.20 | 6.50 | 66 | | | | | |
| 72/08/17 | 15 50 | 0003 | 17.00 | 2.10 | 0.03 | 5.60 | 75 | | | | | |
| 72/09/25 | 15 20 | 0003 | 93.00 | 0.00 | 4.20 | 15.00 | 86 | | | | | |
| 72/10/16 | 15 55 | 0003 | 6.10 | 0.59 | 0.14 | 3.90 | 60 | | | | | |
| 72/11/20 | 10 50 | 0003 | 0.79 | 0.77 | 0.64 | 5.50 | 12 | | | | | |
| 72/12/18 | 13 45 | 0003 | 7.70 | 0.22 | 2.50 | 2.40 | 76 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052534 P11
37 52 40.0 121 23 00.0 2
MIDDLE RIVER AT WILLIAMS BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/25 | 15 20 | 0003 | 152 | 25 | 0 | 0 | 0 | 0 | 5051 | 5228 |
| 72/10/16 | 15 55 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 60 | 70 |
| 72/11/20 | 10 50 | 0003 | 293 | 20 | 0 | 20 | 0 | 0 | 181 | 514 |
| 72/12/18 | 13 45 | 0003 | 58 | 0 | 8 | 0 | 15 | 0 | 525 | 606 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/13 | 13 15 | 0003 | | 2.5 | | | | | | | |
| 68/12/11 | 12 45 | 0003 | 1.6 | | | | | | | | |
| 69/01/21 | 10 30 | 0003 | 2.9 | | | | | | | | |
| 69/04/16 | 13 40 | 0003 | 1.9 | | | | | | | | |
| 69/07/22 | 13 35 | 0003 | 2.3 | | | | | | | | |
| 69/10/22 | 13 20 | 0003 | 1.6 | | | | | | | | |
| 70/01/13 | 13 05 | 0003 | 0.8 | | | | | | | | |
| 70/04/22 | 12 50 | 0003 | 2.9 | | | | | | | | |
| 70/07/09 | 11 20 | 0003 | 2.6 | | | | | | | | |
| 70/10/13 | 12 15 | 0003 | 5.3 | | | | | | | | |
| 71/02/17 | 13 50 | 0003 | 1.3 | | | | | | | | |
| 71/04/28 | 14 15 | 0003 | 3.6 | | | | | | | | |
| 71/06/09 | 14 45 | 0003 | 3.8 | | | | | | | | |
| 71/07/15 | 14 05 | 0003 | 2.0 | | | | | | | | |
| 71/08/09 | 13 40 | 0002 | 7.2 | | | | | | | | |
| 71/09/13 | 15 00 | 0003 | 2.6 | | | | | | | | |
| 71/10/05 | 14 00 | 0003 | | | 7.2 | | | | | | |
| 71/11/11 | 14 30 | 0003 | 6.4 | | | | | | | | |
| 71/12/09 | 14 30 | 0003 | 2.1 | | | | | | | | |
| 72/01/19 | 14 35 | 0003 | 1.6 | | | | | | | | |
| 72/02/23 | 14 10 | 0003 | 4.8 | | | | | | | | |
| 72/06/16 | 13 30 | 0003 | 3.5 | | | 11.0 | | | | | 15.8 |
| 72/08/17 | 15 50 | 0003 | | | 3.8 | 8.0 | | | | | 11.4 |

STORET RETRIEVAL DATE 77/03/21

052535 P12
37 48 17.0 121 26 55.0 2
OLD RIVER AT TRACY BRIDGE-P12
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 26 50 LATITUDE - 37 48 20

MONITORING STATION FOR PERIPHERAL CANAL STUDY PROGRAM.

DESCRIPTION - LOCATED IN THE SOUTHERN DELTA. APPROXIMATELY MIDWAY BETWEEN THE OLD RIVER SIPHON AND THE MIDDLE RIVER SOUTH CLOSURE OF THE PROPOSED PERIPHERAL CANAL.

SAMPLING POINT - IN OLD RIVER FROM BOAT DOCK, 100 FEET NORTHEAST OF BRIDGE ON TRACY ROAD.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/21

052535 P12
37 48 17.0 121 26 55.0 2
OLD RIVER AT TRACY BRIDGE-P12
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/12/11 | 11 40 | 0003 | 1.06C | | | | | | | | | |
| 69/01/21 | 11 10 | 0003 | 6.61C | | | | | | | | | |
| 69/04/16 | 14 15 | 0003 | 10.64C | | | | | | | | | |
| 69/07/22 | 14 15 | 0003 | 52.44C | | | | | | | | | |
| 69/10/22 | 14 00 | 0003 | 12.00 | 0.11 | 4.90 | 6.10 | 66 | | | | | |
| 70/01/13 | 13 45 | 0003 | 6.46C | | | | | | | | | |
| 70/04/22 | 13 30 | 0003 | 106.40C | | | | | | | | | |
| 70/07/09 | 12 10 | 0003 | 130.00 | 6.10 | 13.00 | 29.00 | 81 | | | | | |
| 70/10/13 | 12 50 | 0003 | 89.00 | 1.90 | 19.00 | 35.00 | 71 | | | | | |
| 71/02/17 | 14 15 | 0003 | 18.00 | 1.90 | 4.60 | 8.60 | 67 | | | | | |
| 71/04/28 | 14 50 | 0003 | 120.00 | 0.00 | 33.00 | 22.00 | 84 | | | | | |
| 71/05/18 | 15 00 | 0003 | 200.00 | 0.15 | 37.00 | 29.00 | 87 | | | | | |
| 71/06/09 | 15 28 | 0003 | 200.00 | 2.40 | 72.00 | 59.00 | 77 | | | | | |
| 71/07/15 | 15 10 | 0003 | 170.00 | 6.50 | 54.00 | 51.00 | 76 | | | | | |
| 71/08/09 | 13 05 | 0003 | 130.00 | 3.80 | 48.00 | 52.00 | 71 | | | | | |
| 71/09/13 | 14 25 | 0003 | 170.00 | 0.41 | 35.00 | 46.00 | 78 | | | | | |
| 71/10/05 | 13 30 | 0003 | 96.00 | 3.30 | 22.00 | 45.00 | 67 | | | | | |
| 71/11/11 | 13 50 | 0003 | 53.00 | 3.60 | 9.70 | 15.00 | 77 | | | | | |
| 71/12/09 | 14 00 | 0003 | 18.00 | 0.55 | 2.10 | 9.00 | 66 | | | | | |
| 72/01/19 | 14 00 | 0003 | 10.00 | 0.88 | 1.30 | 7.80 | 56 | | | | | |
| 72/02/23 | 13 45 | 0003 | 18.00 | 3.90 | 7.90 | 12.00 | 59 | | | | | |
| 72/03/20 | 14 25 | 0001 | 82.00 | 0.00 | 16.00 | 17.00 | 83 | | | | | |
| 72/04/20 | 13 50 | 0003 | 220.00 | 0.00 | 53.00 | 61.00 | 78 | | | | | |
| 72/05/30 | 13 50 | 0003 | 190.00 | 0.00 | 19.00 | 46.00 | 80 | | | | | |
| 72/06/16 | 12 45 | 0003 | 140.00 | 0.00 | 20.00 | 48.00 | 74 | | | | | |
| 72/07/13 | 15 25 | 0003 | 89.00 | 22.00 | 16.00 | 35.00 | 71 | | | | | |
| 72/08/17 | 15 05 | 0003 | 62.00 | 0.00 | 12.00 | 11.00 | 84 | | | | | |
| 72/09/25 | 14 40 | 0003 | 69.00 | 4.40 | 11.00 | 25.00 | 73 | | | | | |
| 72/10/16 | 15 10 | 0003 | 61.00 | 3.50 | 10.00 | 19.00 | 76 | | | | | |
| 72/11/20 | 11 40 | 0003 | 22.00 | 2.10 | 3.70 | 15.00 | 59 | | | | | |
| 72/12/18 | 14 30 | 0003 | 17.00 | 1.00 | 3.30 | 4.50 | 78 | | | | | |
| 73/01/22 | 13 30 | 0003 | 11.00 | | | 11.00 | 50 | | | | | |
| 73/02/20 | 13 40 | 0002 | 8.50 | | | 6.60 | 56 | | | | | |
| 73/03/06 | 13 30 | 0003 | 10.00 | | | 4.40 | 69 | | | | | |
| 73/04/03 | 12 35 | 0003 | 19.00 | | | 6.90 | 73 | | | | | |
| 73/05/01 | 11 55 | 0003 | 63.00 | | | 28.00 | 69 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052535 P12
37 48 17.0 121 26 55.0 2
OLD RIVER AT TRACY BRIDGE-P12
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/06/05 | 16 15 | 0003 | 100.00 | | | 20.00 | 83 | | | | | |
| 73/07/02 | 16 10 | 0003 | 190.00 | | | 52.00 | 78 | | | | | |
| 73/07/31 | 14 40 | 0003 | 130.00 | | | 43.00 | 76 | | | | | |
| 73/08/28 | 14 05 | 0003 | 140.00 | | | 48.00 | 75 | | | | | |
| 73/09/25 | 11 30 | 0003 | 72.00 | | | 42.00 | 63 | | | | | |
| 73/10/15 | 14 35 | 0003 | 35.00 | | | 18.00 | 66 | | | | | |
| 73/11/13 | 14 10 | 0003 | 20.00 | | | 11.00 | 63 | | | | | |
| 73/12/11 | 13 45 | 0003 | 6.10 | | | 8.40 | 42 | | | | | |
| 74/01/09 | 14 20 | 0003 | 3.00 | | | 5.70 | 35 | | | | | |
| 74/02/06 | 13 00 | 0003 | 9.20 | | | 5.30 | 63 | | | | | |
| 74/03/26 | 12 30 | 0003 | 23.00 | | | 9.90 | 70 | | | | | |
| 74/04/10 | 12 20 | 0003 | 19.00 | | | 9.70 | 66 | | | | | |
| 74/04/25 | 11 55 | 0003 | 36.00 | | | 12.00 | 74 | | | | | |
| 74/05/09 | 11 30 | 0003 | 60.00 | | | 25.00 | 70 | | | | | |
| 74/05/23 | 10 10 | 0003 | 43.00 | | | 13.00 | 76 | | | | | |
| 74/06/06 | 10 05 | 0003 | 31.00 | | | 17.00 | 65 | | | | | |
| 74/06/25 | 13 20 | 0003 | 77.00 | | | 33.00 | 70 | | | | | |
| 74/07/09 | 12 30 | 0003 | 110.00 | | | 48.00 | 70 | | | | | |
| 74/07/23 | 12 20 | 0003 | 54.00 | | | 56.00 | 49 | 1.78 | 6.33 | 4.41 | 4.56 | 1.57 |
| 74/08/07 | 12 20 | 0003 | 100.00 | | | 34.00 | 74 | | | | | |
| 74/08/23 | 14 00 | 0003 | 58.00 | | | 44.00 | 57 | | | | | |
| 74/09/05 | 11 45 | 0003 | 48.00 | | | 26.00 | 64 | | | | | |
| 74/09/19 | 11 25 | 0003 | 61.00 | | | 37.00 | 62 | | | | | |
| 74/10/03 | 10 45 | 0003 | 36.00 | | | 21.00 | 62 | | | | | |
| 74/10/17 | 10 50 | 0003 | 27.00 | | | 19.00 | 58 | | | | | |
| 74/11/07 | 14 55 | 0003 | 8.30 | | | 6.70 | 55 | | | | | |
| 74/11/19 | 12 45 | 0003 | 7.10 | | | 4.90 | 59 | | | | | |
| 74/12/18 | 12 00 | 0003 | 3.10 | | | 3.60 | 46 | | | | | |

STORET RETRIEVAL DATE 77/03/21

052535 P12
37 48 17.0 121 26 55.0 2
OLD RIVER AT TRACY BRIDGE-P12
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YFLO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/25 | 14 40 | 0003 | 1180 | 30 | 20 | 40 | 0 | 0 | 3019 | 4289 |
| 72/10/16 | 15 10 | 0003 | 192 | 0 | 20 | 76 | 20 | 5 | 1408 | 1721 |
| 72/11/20 | 11 40 | 0003 | 605 | 10 | 0 | 30 | 0 | 0 | 414 | 1059 |
| 72/12/18 | 14 30 | 0003 | 183 | 0 | 174 | 5 | 20 | 0 | 439 | 821 |
| 73/01/22 | 13 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/20 | 13 40 | 0002 | 76 | 25 | 25 | 0 | 0 | 0 | 329 | 455 |
| 73/04/03 | 12 35 | 0003 | 1214 | 29 | 126 | 29 | 19 | 0 | 1059 | 2476 |
| 73/05/01 | 11 55 | 0003 | 72 | 0 | 0 | 36 | 84 | 0 | 1572 | 1764 |
| 73/06/05 | 16 15 | 0003 | 12 | 0 | 0 | 0 | 12 | 0 | 2484 | 2508 |
| 73/07/02 | 16 10 | 0003 | 180 | 0 | 0 | 24 | 72 | 60 | 5016 | 5352 |
| 73/07/31 | 14 40 | 0003 | 248 | 0 | 0 | 60 | 12 | 0 | 1288 | 1608 |
| 73/08/28 | 14 05 | 0003 | 144 | 0 | 0 | 12 | 60 | 36 | 4236 | 4488 |
| 73/09/25 | 11 30 | 0003 | 626 | 0 | 37 | 56 | 140 | 9 | 3400 | 4343 |
| 73/10/15 | 14 35 | 0003 | 837 | 60 | 81 | 50 | 182 | 0 | 2080 | 3901 |
| 73/11/13 | 14 10 | 0003 | 452 | 0 | 99 | 0 | 35 | 0 | 1873 | 759 |
| 74/01/09 | 14 20 | 0003 | 353 | 0 | 20 | 10 | 0 | 0 | 232 | 615 |
| 74/02/06 | 13 00 | 0003 | 1354 | 0 | 46 | 69 | 23 | 0 | 989 | 2481 |
| 74/04/10 | 12 20 | 0003 | 2290 | 0 | 194 | 24 | 109 | 0 | 2955 | 5572 |
| 74/04/25 | 11 55 | 0003 | 1056 | 44 | 0 | 616 | 22 | 0 | 3432 | 5170 |
| 74/05/09 | 11 30 | 0003 | 1496 | 0 | 0 | 264 | 0 | 0 | 7854 | 9614 |
| 74/05/23 | 10 10 | 0003 | 1650 | 0 | 0 | 0 | 0 | 22 | 6600 | 8272 |
| 74/06/06 | 10 05 | 0003 | 792 | 22 | 0 | 264 | 0 | 0 | 2310 | 3388 |
| 74/06/25 | 13 20 | 0003 | 522 | 68 | 0 | 254 | 741 | 0 | 4480 | 6065 |
| 74/07/09 | 12 30 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 1716 | 1804 |
| 74/07/23 | 12 20 | 0003 | 770 | 66 | 0 | 606 | 154 | 0 | 4972 | 6568 |
| 74/08/07 | 12 20 | 0003 | 374 | 44 | 0 | 418 | 0 | 0 | 5082 | 5918 |
| 74/08/23 | 14 00 | 0003 | 176 | 0 | 0 | 330 | 44 | 0 | 1936 | 2486 |
| 74/09/05 | 11 45 | 0003 | 506 | 66 | 0 | 154 | 0 | 0 | 3696 | 4422 |
| 74/09/19 | 11 25 | 0003 | 440 | 0 | 0 | 66 | 22 | 22 | 7238 | 7788 |
| 74/10/03 | 10 45 | 0003 | 132 | 0 | 0 | 286 | 0 | 0 | 3102 | 3520 |
| 74/10/17 | 10 50 | 0003 | 308 | 66 | 0 | 22 | 22 | 0 | 4708 | 5126 |
| 74/11/07 | 14 55 | 0003 | 176 | 0 | 0 | 44 | 0 | 0 | 1738 | 1958 |
| 74/11/19 | 12 45 | 0003 | 264 | 88 | 0 | 0 | 0 | 0 | 814 | 1166 |
| 74/12/18 | 12 00 | 0003 | 154 | 0 | 0 | 0 | 0 | 0 | 484 | 638 |

STORET RETRIEVAL DATE 77/03/21

052535 P12
37 48 17.0 121 26 55.0 2
OLD RIVER AT TRACY BRIDGE-P12
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/13 | 14 00 | 0003 | | 12.5 | | | | | | | |
| 68/12/11 | 11 40 | 0003 | 8.0L | | | | | | | | |
| 69/01/21 | 11 10 | 0003 | 2.0 | | | | | | | | |
| 69/04/16 | 14 15 | 0003 | 0.8 | | | | | | | | |
| 69/07/22 | 14 15 | 0003 | 4.0 | | | | | | | | |
| 69/10/22 | 14 00 | 0003 | 4.2 | | | | | | | | |
| 70/01/13 | 13 45 | 0003 | 1.4 | | | | | | | | |
| 70/04/22 | 13 30 | 0003 | 8.6 | | | | | | | | |
| 70/07/09 | 12 10 | 0003 | 6.5 | | | | | | | | |
| 70/10/13 | 12 50 | 0003 | 6.9 | | | | | | | | |
| 71/02/17 | 14 15 | 0003 | 2.3 | | | | | | | | |
| 71/04/28 | 14 50 | 0003 | 5.8 | | | | | | | | |
| 71/05/18 | 15 00 | 0003 | 10.8 | | | | | | | | |
| 71/06/09 | 15 28 | 0003 | 8.2 | | | | | | | | |
| 71/07/15 | 15 10 | 0003 | 14.0 | | | | | | | | |
| 71/08/09 | 13 05 | 0003 | 2.9 | | | | | | | | |
| 71/09/13 | 14 25 | 0003 | 6.3 | | | | | | | | |
| 71/10/05 | 13 30 | 0003 | | | 7.8 | | | | | | |
| 71/11/11 | 13 50 | 0003 | 4.2 | | | | | | | | |
| 71/12/09 | 14 00 | 0003 | 3.2 | | | | | | | | |
| 72/01/19 | 14 00 | 0003 | 9.0L | | | | | | | | |
| 72/02/23 | 13 45 | 0003 | 5.6 | | | | | | | | |
| 72/06/16 | 12 45 | 0003 | 7.0 | | | 25.2 | | | | | 32.0 |
| 72/08/17 | 15 05 | 0003 | | | 12.8 | 23.6 | | | | | 31.6L |

# Western Delta

STORET RETRIEVAL DATE 77/03/01

052507 D3
38 01 50.0 121 51 20.0 2
NEW YORK SL AT PITTSBURG LDG-D3
06013 CALIFORNIA
SUISUN BAY 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 51 20 LATITUDE - 38 01 50

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED NEAR INDUSTRIAL AREA, IN A NAVIGATION CHANNEL.

SAMPLING POINT - EAST REACH OF NEW YORK SLOUGH, MIDCHANNEL, SOUTH OF FL

G 4 SEC 20 FT 7 . DEPTH AT SITE IS 30 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY

METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY

PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052507 D3
38 01 50.0 121 51 20.0 2
NEW YORK SL AT PITTSBURG LDG-D3
06013 CALIFORNIA
SUISUN BAY 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 10 20 | 0003 | 9.12C | | | | | | | | | |
| 69/01/28 | 13 30 | 0003 | 2.13C | | | | | | | | | |
| 69/02/26 | 12 15 | 0003 | 2.20C | | | | | | | | | |
| 69/03/27 | 13 15 | 0003 | 4.03C | | | | | | | | | |
| 69/05/07 | 08 55 | 0003 | 8.36C | | | | | | | | | |
| 69/06/11 | 16 30 | 0003 | 6.08C | | | | | | | | | |
| 69/07/23 | 13 20 | 0003 | 25.84C | | | | | | | | | |
| 69/08/19 | 10 05 | 0003 | 33.44C | | | | | | | | | |
| 69/09/17 | 09 50 | 0003 | 25.00 | 2.60M | 9.90 | 3.10 | 89 | | | | | |
| 69/10/21 | 16 55 | 0003 | 12.00 | 0.96M | 4.60 | 8.70 | 59 | | | | | |
| 69/11/21 | 12 10 | 0003 | 10.64C | | | | | | | | | |
| 70/02/12 | 09 00 | 0003 | 1.90C | | | | | | | | | |
| 70/03/19 | 15 10 | 0003 | 3.80C | | | | | | | | | |
| 70/04/15 | 11 45 | 0003 | 7.60C | | | | | | | | | |
| 70/05/20 | 18 15 | 0003 | 9.70 | 0.16M | 1.30 | 8.80 | 53 | | | | | |
| 70/06/17 | 17 00 | 0003 | 14.00 | 0.19M | 2.00 | 10.00 | 59 | | | | | |
| 70/07/16 | 17 20 | 0003 | 12.00 | 0.12 | 2.20 | 9.70 | 56 | | | | | |
| 70/08/14 | 16 10 | 0003 | 38.00 | 1.20M | 8.40 | 13.00 | 74 | | | | | |
| 70/09/11 | 15 30 | 0003 | 20.00 | 0.15M | 2.30 | 7.50 | 73 | | | | | |
| 70/10/09 | 14 05 | 0003 | 20.00 | 0.66M | 4.30 | 7.30 | 73 | | | | | |
| 71/03/03 | 08 10 | 0003 | 2.60 | 0.00 | 0.00 | 1.90 | 57 | | | | | |
| 71/05/05 | 13 20 | 0003 | 36.00 | 0.00 | 10.00 | 6.40 | 84 | | | | | |
| 71/06/03 | 13 50 | 0003 | 17.00 | 0.00 | 3.40 | 3.30 | 83 | | | | | |
| 71/07/01 | 12 00 | 0003 | 17.00 | 0.06 | 5.60 | 7.30 | 70 | | | | | |
| 71/08/04 | 14 55 | 0003 | 23.00 | 0.69 | 6.70 | 13.00 | 64 | | | | | |
| 71/09/29 | 13 15 | 0003 | 18.00 | 0.00 | 4.00 | 6.90 | 72 | | | | | |
| 71/10/27 | 12 30 | 0003 | 9.70 | 0.15 | 1.20 | 7.80 | 55 | | | | | |
| 72/03/23 | 11 10 | 0003 | 7.40 | 0.00 | 0.25 | 1.20 | 86 | | | | | |
| 72/05/23 | 13 50 | 0003 | 13.00 | 0.59 | 2.30 | 9.80 | 56 | | | | | |
| 72/07/18 | 12 00 | 0003 | 17.00 | 0.93 | 3.70 | 7.90 | 67 | | | | | |
| 72/08/22 | 15 15 | 0003 | 24.00 | 0.06 | 5.40 | 14.00 | 63 | | | | | |
| 72/09/21 | 15 10 | 0003 | 28.00 | 0.82 | 6.30 | 9.30 | 74 | | | | | |
| 72/10/17 | 13 25 | 0003 | 15.00 | 1.30 | 1.60 | 9.00 | 62 | | | | | |
| 73/03/28 | 11 20 | 0003 | 2.80 | | | 1.50 | 64 | | | | | |
| 73/04/25 | 12 40 | 0003 | 37.00 | | | 9.20 | 80 | | | | | |
| 73/05/30 | 17 05 | 0003 | 15.00 | | | 7.80 | 66 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052507 D3
38 01 50.0 121 51 20.0 2
NEW YORK SL AT PITTSBURG LDG-D3
06013 CALIFORNIA
SUISUN BAY 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/06/27 | 15 50 | 0003 | 6.60 | | | 4.30 | 60 | | | | | |
| | 15 51 | 0030 | 6.70 | | | 8.50 | 44 | | | | | |
| 73/08/22 | 12 40 | 0003 | 13.00 | | | 10.00 | 57 | | | | | |
| | 12 43 | 0030 | 20.00 | | | 16.00 | 56 | | | | | |
| 73/09/19 | 11 10 | 0003 | 10.00 | | | 7.70 | 58 | | | | | |
| 73/10/31 | 09 25 | 0003 | 6.10 | | | 4.80 | 56 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/28 | 11 20 | 0003 | 48 | 0 | 0 | 0 | 24 | 0 | 132 | 204 |
| 73/04/25 | 12 40 | 0003 | 24 | 0 | 0 | 0 | 12 | 0 | 1344 | 1380 |
| 73/05/30 | 17 05 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 1212 | 1272 |
| 73/06/27 | 15 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 12 | 564 | 576 |
| 73/08/22 | 12 40 | 0003 | 276 | 0 | 0 | 0 | 84 | 0 | 1212 | 1572 |
| 73/09/19 | 11 10 | 0003 | 46 | 0 | 46 | 0 | 0 | 0 | 1330 | 1422 |
| 73/10/31 | 09 25 | 0003 | 25 | 0 | 51 | 0 | 25 | 0 | 455 | 556 |

STORET RETRIEVAL DATE 77/03/01

052507 D3
38 01 50.0 121 51 20.0 2
NEW YORK SL AT PITTSBURG LDG-D3
06013 CALIFORNIA
SUISUN BAY 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 09 40 | 0003 | 1.5 | | | | | | | | |
| 68/10/28 | 11 20 | 0003 | 1.2 | | | | | | | | |
| 68/11/26 | 10 20 | 0003 | 1.0 | | | | | | | | |
| 68/12/17 | 13 45 | 0003 | 0.9 | | | | | | | | |
| 69/01/28 | 13 30 | 0003 | 2.9 | | | | | | | | |
| 69/02/26 | 12 15 | 0003 | 2.4 | | | | | | | | |
| 69/03/27 | 13 15 | 0003 | 1.1 | | | | | | | | |
| 69/05/07 | 08 55 | 0003 | 0.6 | | | | | | | | |
| 69/06/11 | 16 30 | 0003 | 1.6 | | | | | | | | |
| 69/07/23 | 13 20 | 0003 | 2.0 | | | | | | | | |
| 69/08/19 | 10 05 | 0003 | 1.5 | | | | | | | | |
| 69/09/17 | 09 50 | 0003 | 1.6 | | | | | | | | |
| 69/10/21 | 16 55 | 0003 | 1.6 | | | | | | | | |
| 69/11/21 | 12 10 | 0003 | 1.3 | | | | | | | | |
| 70/02/12 | 09 00 | 0003 | 0.7 | | | | | | | | |
| 70/03/19 | 15 10 | 0003 | 0.6 | | | | | | | | |
| 70/04/15 | 11 45 | 0003 | 1.0 | | | | | | | | |
| 70/05/20 | 18 15 | 0003 | 1.2 | | | | | | | | |
| 70/06/17 | 17 00 | 0003 | 1.8 | | | | | | | | |
| 70/07/16 | 17 20 | 0003 | 1.6 | | | | | | | | |
| 70/08/14 | 16 10 | 0003 | 1.9 | | | | | | | | |
| 70/09/11 | 15 30 | 0003 | 1.0 | | | | | | | | |
| 70/10/09 | 14 05 | 0003 | 1.7 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052566 D4
38 03 45.0 121 49 10.0 2
SACRAMENTO RIVER ABV POINT SACTO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 49 10 LATITUDE - 38 03 45

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM.

DESCRIPTION - IN A NAVIGATION CHANNEL JUST UPSTREAM OF CONFLUENCE OF SACRAMENTO AND SAN JOAQUIN RIVER.

SAMPLING POINT - SACRAMENTO SHIP CHANNEL BETWEEN FL G 4SEC 11 AND FL R 4SEC 12 . DEPTH AT SITE IS 30 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANLYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR-DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052566 D4
38 03 45.0 121 49 10.0 2
SACRAMENTO RIVER ABV POINT SACTO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/04 | 10 20 | 0003 | 2.70 | 0.00 | 0.00 | 2.20 | 55 | | | | | |
| 71/05/04 | 13 40 | 0003 | 34.00 | 0.00 | 10.00 | 7.40 | 82 | | | | | |
| 71/06/02 | 13 05 | 0003 | 15.00 | 0.00 | 3.30 | 2.00 | 87 | | | | | |
| 71/06/30 | 11 40 | 0003 | 15.00 | 0.17 | 5.80 | 6.00 | 71 | | | | | |
| 71/08/03 | 15 55 | 0003 | 24.00 | 0.00 | 7.80 | 8.10 | 75 | | | | | |
| 71/08/31 | 15 00 | 0003 | 13.00 | 0.00 | 3.50 | 7.20 | 63 | | | | | |
| 71/09/28 | 13 00 | 0003 | 11.00 | 0.42 | 1.80 | 5.90 | 66 | | | | | |
| 71/10/26 | 12 50 | 0003 | 11.00 | 0.33 | 2.00 | 5.30 | 68 | | | | | |
| 72/03/22 | 11 10 | 0003 | 6.60 | 0.05 | 0.40 | 1.40 | 82 | | | | | |
| 72/05/22 | 15 15 | 0003 | 15.00 | 1.50 | 0.82 | 8.00 | 64 | | | | | |
| 72/06/20 | 14 40 | 0003 | 15.00 | 0.51 | 4.20 | 8.00 | 64 | | | | | |
| 72/07/19 | 13 35 | 0003 | 18.00 | 1.50 | 2.30 | 9.20 | 65 | | | | | |
| 72/08/21 | 17 45 | 0003 | 21.00 | 0.38 | 5.10 | 10.00 | 67 | | | | | |
| 72/09/20 | 15 55 | 0003 | 24.00 | 1.70 | 4.80 | 10.00 | 70 | | | | | |
| 72/10/18 | 14 50 | 0003 | 13.00 | 1.60 | 1.70 | 6.90 | 65 | | | | | |
| 73/03/15 | 13 15 | 0003 | 2.20 | | | 1.00 | 67 | 1.88M | 0.38 | 0.19 | 2.25 | 0.29 |
| 73/03/29 | 11 25 | 0003 | 3.30 | | | 1.40 | 70 | | | | | |
| 73/04/12 | 12 05 | 0003 | 5.60 | | | 5.20 | 52 | 0.01M | 0.82 | 0.56 | 0.82 | 0.11 |
| 73/04/26 | 11 00 | 0003 | 38.00 | | | 7.20 | 84 | | | | | |
| 73/05/10 | 11 10 | 0003 | 20.00 | | | 10.00 | 66 | 0.91M | 2.82 | 1.44 | 3.74 | 0.49 |
| 73/06/13 | 16 30 | 0003 | 8.60 | | | 7.90 | 52 | 0.37 | 1.13 | 1.08 | 0.76 | 0.10 |
| | 16 30 | 0030 | 7.60 | | | 8.30 | 48 | | | | | |
| 73/06/26 | 14 15 | 0003 | 5.10 | | | 4.60 | 53 | | | | | |
| | 14 16 | 0030 | 5.80 | | | 6.30 | 48 | | | | | |
| 73/07/11 | 15 55 | 0003 | 6.50 | | | 5.70 | 53 | | | | | |
| | 15 56 | 0030 | 7.40 | | | 12.00 | 37 | | | | | |
| 73/08/08 | 14 20 | 0003 | 17.00 | | | 7.60 | 70 | 0.59M | 1.71 | 1.28 | 2.30 | 0.30 |
| | 14 21 | 0030 | 17.00 | | | 10.00 | 63 | | | | | |
| 73/08/23 | 13 40 | 0003 | 13.00 | | | 15.00 | 48 | | | | | |
| | 13 41 | 0030 | 15.00 | | | 14.00 | 51 | | | | | |
| 73/09/06 | 13 35 | 0003 | 7.40 | | | 5.70 | 56 | 0.56M | 1.34 | 0.99 | 1.89 | 0.25 |
| | 13 38 | 0030 | 9.10 | | | 8.00 | 53 | | | | | |
| 73/09/20 | 11 40 | 0003 | 7.10 | | | 5.90 | 55 | | | | | |
| 73/10/04 | 11 40 | 0003 | 5.50 | | | 4.00 | 58 | 0.01 | 0.66 | 0.44 | 0.65 | 0.08 |
| 73/11/01 | 09 10 | 0003 | 6.00 | | | 4.20 | 59 | | | | | |
| 73/12/06 | 12 05 | 0003 | 1.00 | | | 1.10 | 48 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052566 D4
38 03 45.0 121 49 10.0 2
SACRAMENTO RIVER ABV POINT SACTO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/.YPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/15 | 13 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/29 | 11 25 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 144 | 156 |
| 73/04/12 | 12 05 | 0003 | 191 | 0 | 51 | 0 | 0 | 0 | 646 | 888 |
| 73/04/26 | 11 00 | 0003 | 36 | 0 | 0 | 12 | 36 | 12 | 1632 | 1728 |
| 73/05/10 | 11 10 | 0003 | 156 | 0 | 0 | 12 | 0 | 0 | 1644 | 1812 |
| 73/06/13 | 16 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 840 | 840 |
| 73/06/26 | 14 15 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 216 | 228 |
| 73/07/11 | 15 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 24 | 564 | 588 |
| 73/08/08 | 14 20 | 0003 | 12 | 0 | 0 | 0 | 60 | 0 | 792 | 864 |
| 73/08/23 | 13 40 | 0003 | 60 | 0 | 0 | 12 | 60 | 0 | 696 | 828 |
| 73/09/06 | 13 35 | 0003 | 0 | 0 | 0 | 12 | 0 | 0 | 420 | 432 |
| 73/09/20 | 11 40 | 0003 | 25 | 0 | 51 | 0 | 0 | 0 | 1061 | 1137 |
| 73/10/04 | 11 40 | 0003 | 60 | 0 | 10 | 0 | 0 | 0 | 568 | 638 |
| 73/11/01 | 09 10 | 0003 | 92 | 0 | 0 | 0 | 46 | 0 | 528 | 666 |
| 73/12/06 | 12 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74/01/17 | 12 45 | 0003 | 50 | 0 | 10 | 10 | 0 | 0 | 100 | 170 |
| 74/02/14 | 11 10 | 0003 | 50 | 0 | 20 | 0 | 0 | 0 | 71 | 141 |
| 74/03/21 | 15 05 | 0003 | 222 | 0 | 40 | 0 | 20 | 0 | 273 | 555 |
| 74/04/02 | 12 20 | 0003 | 30 | 0 | 40 | 20 | 0 | 0 | 230 | 320 |
| 74/04/17 | 12 45 | 0003 | 141 | 0 | 0 | 20 | 10 | 0 | 322 | 493 |
| 74/04/30 | 11 35 | 0003 | 176 | 0 | 0 | 66 | 0 | 0 | 1694 | 2376 |
| 74/05/14 | 10 40 | 0003 | 22 | 0 | 0 | 66 | 0 | 0 | 7392 | 7480 |
| 74/06/12 | 09 30 | 0003 | 393 | 0 | 0 | 30 | 0 | 0 | 6196 | 6619 |
| 74/06/26 | 09 50 | 0003 | 221 | 0 | 10 | 0 | 0 | 0 | 3676 | 3907 |
| 74/07/10 | 08 20 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 3058 | 3102 |
| 74/07/24 | 08 45 | 0003 | 88 | 0 | 0 | 0 | 44 | 0 | 4268 | 4400 |
| 74/08/14 | 15 05 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 484 | 528 |
| 74/08/27 | 14 10 | 0003 | 22 | 0 | 0 | 22 | 0 | 0 | 638 | 682 |
| 74/09/12 | 14 15 | 0003 | 0 | 0 | 0 | 0 | 66 | 0 | 704 | 770 |
| 74/09/24 | 12 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 528 | 528 |
| 74/10/08 | 11 00 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 528 | 572 |
| 74/10/22 | 11 10 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 748 | 770 |
| 74/11/20 | 09 00 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 462 | 484 |
| 74/12/10 | 13 05 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 220 | 286 |

STORET RETRIEVAL DATE 77/03/01

052566 D4
38 03 45.0 121 49 10.0 2
SACRAMENTO RIVER ABV POINT SACTO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A. | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/12/06 | 12 06 | 0015 | 1.10 | | | 1.00 | 51 | | | | | |
| | 12 07 | 0030 | 1.00 | | | 1.00 | 49 | | | | | |
| 74/01/17 | 12 45 | 0003 | 0.86 | | | 0.67 | 56 | | | | | |
| 74/02/14 | 11 10 | 0003 | 1.90 | | | 0.48 | 80 | | | | | |
| 74/03/21 | 15 05 | 0003 | 3.70 | | | 1.60 | 69 | | | | | |
| 74/04/02 | 12 20 | 0003 | 3.20 | | | 1.40 | 70 | | | | | |
| 74/04/17 | 12 45 | 0003 | 4.10 | | | 1.60 | 72 | | | | | |
| 74/04/30 | 11 35 | 0003 | 8.40 | | | 3.30 | 72 | | | | | |
| 74/05/14 | 10 40 | 0003 | 21.00 | | | 5.70 | 79 | | | | | |
| 74/06/12 | 09 30 | 0003 | 20.00 | | | 7.60 | 73 | | | | | |
| 74/06/26 | 09 50 | 0003 | 14.00 | | | 10.00 | 59 | | | | | |
| 74/07/10 | 08 20 | 0003 | 9.50 | | | 8.00 | 54 | | | | | |
| 74/07/24 | 08 45 | 0003 | 7.50 | | | 5.20 | 59 | | | | | |
| 74/08/14 | 15 05 | 0003 | 4.40 | | | 4.20 | 51 | | | | | |
| 74/08/27 | 14 10 | 0003 | 6.90 | | | 4.40 | 61 | | | | | |
| 74/09/12 | 14 15 | 0003 | 15.00 | | | 6.60 | 70 | | | | | |
| 74/09/24 | 12 20 | 0003 | 8.00 | | | 4.50 | 64 | | | | | |
| 74/10/08 | 11 00 | 0003 | 4.60 | | | 4.40 | 51 | | | | | |
| 74/10/22 | 11 15 | 0003 | 4.20 | | | 2.00 | 68 | | | | | |
| 74/11/20 | 09 00 | 0003 | 1.50 | | | 1.20 | 56 | | | | | |
| 74/12/10 | 13 05 | 0003 | 1.60 | | | 1.10 | 60 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052566 D4
38 03 45.0 121 49 10.0 2
SACRAMENTO RIVER ABV POINT SACTO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/08 | | | 0.0213 | | | |
| 69/02/05 | | | 0.0001 | | | |
| 69/03/08 | | | 0.0000 | | | |
| 69/06/24 | | | 0.1726 | | | |
| 69/07/23 | | | 0.2225 | | | |
| 69/08/19 | | | 0.1908 | | | |
| 69/09/17 | | | 0.0698 | | | |
| 69/10/20 | | | 0.0929 | | | |
| 69/11/16 | | | 0.0549 | | | |
| 69/12/19 | | | 0.0190 | | | |
| 70/01/14 | | | 0.0011 | | | |
| 70/02/13 | | | 0.0001 | | | |
| 70/03/16 | | | 0.0003 | | | |
| 70/04/14 | | | 0.0323 | | | |
| 70/05/14 | | | 0.1030 | | | |
| 70/06/11 | | | 0.0374 | | | |
| 70/07/10 | | | 0.1945 | | | |
| 70/08/24 | | | 0.2601 | | | |
| 70/09/22 | | | 0.0342 | | | |
| 70/10/23 | | | 0.2088 | | | |
| 70/11/18 | | | 0.0640 | | | |
| 70/12/20 | | | 0.0020 | | | |
| 71/01/19 | | | 0.0011 | | | |
| 71/02/18 | | | 0.0017 | | | |
| 71/03/05 | | | 0.0038 | | | |
| 71/04/08 | | | 0.0035 | 1.00L | 0.25L | 1.00L |
| 71/05/04 | | | 0.0000 | 1.00L | 0.54L | 3.00L |
| 71/06/03 | | | 0.0000 | 1.00L | 4.01L | 4.00L |
| 71/07/01 | | | 0.2662 | 0.00L | 0.07L | 5.00L |
| 71/07/30 | | | 0.1258 | 0.05L | 1.00L | 10.00L |
| 71/09/01 | | | 0.0185 | 0.20L | 0.54L | 5.00L |
| 71/10/18 | | | 0.0726 | 1.00L | 0.91L | 9.00L |
| 71/12/09 | | | 0.0321 | 0.03L | 0.34L | 3.00L |
| 72/01/11 | | | 0.0350 | 15.00 | 0.02 | 3.00 |
| 72/02/09 | | | 0.0052 | 11.00 | 0.03 | 6.00 |
| 72/03/09 | | | 0.0012 | 15.00 | 0.13 | 6.00 |

STORET RETRIEVAL DATE 77/03/01

052566 D4
38 03 45.0 121 49 10.0 2
SACRAMENTO RIVER ABV POINT SACTO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/04/07 | | | 0.0750 | 237.00 | 0.00 | 59.00 |
| 72/04/20 | | | 0.0334 | 616.00 | 0.00 | 37.00 |
| 72/05/05 | | | 0.0111 | 5.00 | 0.00 | 145.00 |
| 72/05/19 | | | 0.1461 | 3.00 | | 213.00 |
| 72/06/06 | | | 0.1000 | 1.00 | 0.05 | 77.00 |
| 72/06/22 | | | 0.1187 | 21.00 | 0.00 | 124.00 |
| 72/07/05 | | | 0.0717 | 4.00 | 0.00 | 196.00 |
| 72/07/18 | | | 0.1187 | 175.00 | 0.00 | 206.00 |
| 72/08/02 | | | 0.0831 | 21.00 | 0.78 | 133.00 |
| 72/08/15 | | | 0.1377 | 48.00 | 0.10 | 122.00 |
| 72/09/13 | | | 0.4838 | 177.00 | 1.14 | 174.00 |
| 72/09/28 | | | 0.1203 | 187.00 | 0.48 | |
| 72/10/12 | | | 0.1816 | 159.00 | 0.21 | 79.00 |
| 72/10/27 | | | 0.0423 | 31.00 | 0.00 | 62.00 |
| 72/11/14 | | | 0.1424 | 16.00 | 0.00 | 22.00 |
| 72/12/19 | | | 0.1231 | 6.00 | 0.14 | 15.00 |
| 73/03/15 | | | 0.0020 | 19.00 | 0.59 | 16.00 |
| 73/04/10 | | | 0.0634 | 40.00 | 0.12 | 29.00 |
| 73/04/25 | | | 0.2050 | 172.00 | 0.09 | 56.00 |
| 73/05/09 | | | 0.3690 | 267.00 | 0.04 | 127.00 |
| 73/05/24 | | | 0.1947 | 68.00 | 0.00 | 37.00 |
| 73/06/07 | | | 0.0401 | 35.00 | 0.03 | 58.00 |
| 73/06/26 | | | 0.0089 | 62.00 | 0.06 | 25.00 |
| 73/07/09 | | | 0.0386 | 57.00 | 0.00 | 50.00 |
| 73/07/24 | | | 0.0382 | 46.00 | 0.08 | 99.00 |
| 73/08/07 | | | 0.2458 | 676.00 | 0.00 | 275.00 |
| 73/08/21 | | | 0.1000 | 28.00 | 0.27 | 211.00 |
| 73/09/05 | | | 0.0500 | 28.00 | 0.12 | 73.00 |
| 73/09/18 | | | 0.0304 | 73.00 | 0.06 | 48.00 |
| 73/10/02 | | | 0.0269 | 186.00 | 0.25 | 22.00 |
| 73/10/16 | | | 0.0406 | 146.00 | 0.00 | 68.00 |
| 73/11/16 | | | 0.0409 | 39.00 | 1.28 | 13.00 |
| 74/03/18 | | | 0.0010 | 68.33 | 0.20 | 8.42 |
| 74/04/03 | | | 0.0001 | 0.91L | 1.30L | 1.51L |
| 74/04/18 | | | 0.0003 | 79.49 | 0.51 | 9.56 |
| 74/05/17 | | | 0.1064 | 338.70 | 17.46 | 32.10 |

STORET RETRIEVAL DATE 77/03/01

052566 D4
38 03 45.0 121 49 10.0 2
SACRAMENTO RIVER ABV POINT SACTO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/05/30 | | | 0.2504 | 752.80 | 2.14 | 47.71 |
| 74/06/17 | | | 0.1946 | 506.40 | 0.05 | 14.43 |
| 74/06/27 | | | 0.3982 | 194.70 | 0.00 | 20.76 |
| 74/07/12 | | | 0.2849 | 89.01 | 0.07 | 46.97 |
| 74/07/26 | | | 0.0568 | 3.86 | 0.11 | 4.88 |
| 74/08/13 | | | 0.0475 | 31.11 | 1.93 | 13.01 |
| 74/08/27 | | | 0.1296 | 82.44 | 0.12 | 17.81 |
| 74/09/16 | | | 0.0186 | 106.90 | 0.30 | 6.41 |
| 74/09/25 | | | 0.0079 | 88.47 | 0.78 | 7.33 |
| 74/10/09 | | | 0.1454 | 81.86 | 0.55 | 11.66 |
| 74/10/24 | | | 0.0178 | 43.75 | 0.56 | 8.68 |
| 74/11/21 | | | 0.0091 | 6.38 | 1.55 | 4.80 |

STORET RETRIEVAL DATE 77/03/01

052566 D4
38 03 45.0 121 49 10.0 2
SACRAMENTO RIVER ABV POINT SACTO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/04/12 | 12 05 | 0003 | 1.6 | | | | | | | | |
| 73/05/10 | 11 10 | 0003 | 1.3 | | | | | | | | |
| 73/08/08 | 14 20 | 0003 | 1.2 | | | | | | | | |
| 73/09/06 | 13 35 | 0003 | 0.8 | | | | | | | | |
| 73/10/04 | 11 40 | 0003 | 0.9 | | | | | | | | |
| 73/12/06 | 12 05 | 0003 | 1.1 | | | | | | | | |
| 74/01/17 | 12 45 | 0003 | 0.9 | | | | | | | | |
| 74/02/14 | 11 10 | 0003 | 0.9 | | | | | | | | |
| 74/03/21 | 15 05 | 0003 | 1.2 | | | | | | | | |
| 74/04/02 | 12 20 | 0003 | 1.9 | | | | | | | | |
| 74/04/30 | 11 35 | 0003 | 1.7 | | | | | | | | |
| 74/06/12 | 09 30 | 0003 | 1.4 | | | | | | | | |
| 74/07/10 | 08 20 | 0003 | 1.1 | | | | | | | | |
| 74/08/14 | 15 05 | 0003 | 0.8 | | | | | | | | |
| 74/09/12 | 14 15 | 0003 | 0.8 | | | | | | | | |
| 74/10/08 | 11 00 | 0003 | 1.9 | | | | | | | | |
| 74/11/20 | 09 00 | 0003 | 1.5 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052508 D11
38 02 34.0 121 47 34.0 2
SHERMAN LAKE NEAR ANTIOCH-D11
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 47 30 LATITUDE - 38 02 30

MONITORING STATION FOR DELTA SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN THE CENTER OF A SUBMERGED ISLAND.

SAMPLING POINT - AT THE SOUTHERNMOST PRIVATELY MAINTAINED MARKER IN SHERMAN LAKE. DEPTH AT SITE IS 3 FT A MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052508 D11
38 02 34.0 121 47 34.0 2
SHERMAN LAKE NEAR ANTIOCH-D11
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 10 40 | 0003 | 5.32C | | | | | | | | | | |
| 69/02/26 | 13 00 | 0003 | 2.05C | | | | | | | | | | |
| 69/04/25 | 11 45 | 0003 | 7.60C | | | | | | | | | | |
| 69/06/09 | 14 00 | 0003 | 8.36C | | | | | | | | | | |
| 69/07/23 | 13 00 | 0003 | 27.36C | | | | | | | | | | |
| 69/08/19 | 10 55 | 0003 | 28.12C | | | | | | | | | | |
| 69/09/17 | 10 40 | 0003 | 4.50 | 2.10 | 11.00 | 19.00 | 19 | | | | | | |
| 69/10/20 | 11 00 | 0003 | 12.00 | 0.68M | 3.90 | 6.70 | 64 | | | | | | |
| 69/11/21 | 13 10 | 0003 | 9.12C | | | | | | | | | | |
| 70/02/12 | 09 45 | 0003 | 1.29C | | | | | | | | | | |
| 70/03/20 | 14 15 | 0003 | 4.64C | | | | | | | | | | |
| 70/04/17 | 13 35 | 0003 | 9.88C | | | | | | | | | | |
| 70/05/19 | 17 00 | 0003 | 8.90 | 0.03M | 1.90 | 4.90 | 64 | | | | | | |
| 70/06/16 | 15 25 | 0003 | 17.00 | 0.74 | 5.50 | 17.00 | 50 | | | | | | |
| 70/07/14 | 14 15 | 0003 | 14.00 | 0.03 | 1.70 | 11.00 | 56 | | | | | | |
| 70/08/12 | 14 00 | 0003 | 13.00 | 0.08 | 4.40 | 11.00 | 58 | | | | | | |
| 70/09/10 | 14 25 | 0003 | 13.00 | 0.06M | 3.00 | 8.30 | 60 | | | | | | |
| 70/10/08 | 13 00 | 0003 | 15.00 | 0.14M | 3.00 | 7.70 | 67 | | | | | | |
| 70/11/20 | 12 40 | 0003 | 7.30 | 0.10M | 2.20 | 3.60 | 67 | | | | | | |
| 71/03/03 | 09 00 | 0003 | 3.10 | 0.00 | 0.00 | 1.10 | 74 | | | | | | |
| 71/03/23 | 12 40 | 0003 | 3.60 | 0.00 | 0.00 | 2.90 | 55 | | | | | | |
| 71/04/06 | 13 55 | 0003 | 3.10 | 0.00 | 0.13 | 1.60 | 65 | | | | | | |
| 71/04/20 | 11 15 | 0003 | 5.90 | 0.00 | 0.57 | 2.10 | 73 | | | | | | |
| 71/05/04 | 14 05 | 0003 | 26.00 | 0.00 | 7.50 | 5.50 | 82 | 3.29 | 5.36 | 2.55 | 2.07 | 0.80 | |
| 71/05/18 | 11 10 | 0003 | 18.00 | 0.00 | 4.50 | 5.80 | 75 | | | | | | |
| 71/06/02 | 13 25 | 0003 | 9.90 | 0.0005 | 3.00 | 3.00 | 76 | 2.57 | 3.06 | 2.45 | 0.49 | 0.19 | |
| 71/06/15 | 10 35 | 0003 | 17.00 | 0.00 | 3.00 | 3.00 | 85 | | | | | | |
| 71/06/30 | 12 00 | 0003 | 16.00 | 0.46 | 3.30 | 5.90 | 73 | 2.29 | 2.38 | 2.35 | 0.09 | 0.03 | |
| 71/07/14 | 09 20 | 0003 | 14.00 | 0.62 | 5.00 | 15.00 | 48 | | | | | | |
| 71/08/03 | 16 25 | 0003 | 20.00 | 1.10 | 3.50 | 9.70 | 67 | 1.47 | 3.21 | 3.30 | 1.74 | 0.67 | 3.50 |
| 71/08/16 | 13 30 | 0003 | 17.00 | 0.46 | 6.70 | 9.90 | 62 | | | | | | |
| 71/08/31 | 15 20 | 0003 | | | | | | 1.12 | 2.48 | 2.30 | 1.36 | 0.52 | 2.56 |
| 71/09/14 | 14 15 | 0003 | 16.00 | 0.00 | 3.50 | 6.00 | 73 | | | | | | |
| 71/09/28 | 13 20 | 0003 | 17.00 | 0.00 | 3.00 | 6.10 | 73 | 0.88 | 1.70 | 1.95 | 0.82 | 0.32 | 1.94 |
| 71/10/14 | 13 55 | 0003 | 21.00 | 1.20 | 6.50 | 11.00 | 66 | | | | | | |
| 71/10/26 | 13 10 | 0003 | 17.00 | 0.00 | 3.10 | 4.70 | 78 | 1.69 | 2.34 | 1.48 | 0.65 | 0.25 | 1.48 |

STORET RETRIEVAL DATE 77/03/01

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38 02 34.0 121 47 34.0 2
SHERMAN LAKE NEAR ANTIOCH-D11
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 10 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 430 |
| 69/02/26 | 13 00 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 80 | 90 |
| 69/04/25 | 11 45 | 0003 | 20 | 0 | 0 | 0 | 30 | 0 | 330 | 380 |
| 69/06/09 | 14 00 | 0003 | 180 | 0 | 0 | 30 | 70 | 0 | 800 | 1080 |
| 69/07/23 | 13 00 | 0003 | 130 | 0 | 0 | 10 | 50 | 0 | 3130 | 3320 |
| 69/08/19 | 10 55 | 0003 | 60 | 0 | 0 | 20 | 20 | 0 | 2880 | 2980 |
| 69/09/17 | 10 40 | 0003 | 160 | 0 | 0 | 0 | 0 | 0 | 1540 | 1700 |
| 69/10/20 | 11 00 | 0003 | 0 | 0 | 0 | 0 | 10 | 0 | 950 | 960 |
| 69/11/21 | 13 10 | 0003 | 40 | 0 | 0 | 0 | 120 | 0 | 1090 | 1250 |
| 70/02/12 | 09 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 120 |
| 70/03/20 | 14 15 | 0003 | 30 | 0 | 0 | 0 | 60 | 0 | 180 | 270 |
| 70/04/17 | 13 35 | 0003 | 300 | 0 | 0 | 0 | 90 | 0 | 1170 | 1560 |
| 70/05/19 | 17 00 | 0003 | 240 | 0 | 0 | 0 | 210 | 0 | 2750 | 3200 |
| 70/06/16 | 15 25 | 0003 | 300 | 0 | 0 | 0 | 150 | 0 | 2620 | 3070 |
| 70/07/14 | 14 15 | 0003 | 270 | 0 | 0 | 0 | 120 | 0 | 1850 | 2240 |
| 70/08/12 | 14 00 | 0003 | 150 | 0 | 0 | 0 | 300 | 0 | 1020 | 1420 |
| 70/09/10 | 14 25 | 0003 | 30 | 0 | 0 | 0 | 180 | 0 | 2040 | 2250 |
| 70/10/08 | 13 00 | 0003 | 240 | 0 | 0 | 0 | 270 | 0 | 2150 | 2660 |
| 70/11/20 | 12 40 | 0003 | 180 | 0 | 0 | 0 | 150 | 0 | 2610 | 2940 |
| 71/03/03 | 09 00 | 0003 | 30 | 0 | 0 | 0 | 120 | 0 | 120 | 270 |
| 71/04/06 | 13 55 | 0003 | 120 | 0 | 0 | 0 | 180 | 0 | 150 | 450 |
| 71/05/04 | 14 05 | 0003 | 150 | 0 | 0 | 0 | 270 | 0 | 3870 | 4290 |
| 71/06/02 | 13 25 | 0003 | 420 | 0 | 0 | 0 | 450 | 0 | 2250 | 3120 |
| 71/06/30 | 12 00 | 0003 | 210 | 0 | 0 | 0 | 510 | 0 | 2920 | 3640 |
| 71/08/03 | 16 25 | 0003 | 390 | 0 | 0 | 0 | 390 | 0 | 4230 | 5010 |
| 71/08/31 | 15 20 | 0003 | 0 | 0 | 0 | 30 | 0 | 0 | 1044 | 1074 |
| 71/09/28 | 13 20 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 868 | 878 |
| 71/10/26 | 13 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 787 | 787 |
| 72/03/22 | 11 25 | 0003 | 4J | 0J | 0J | 0J | 18J | 0J | 166J | 188J |
| 72/05/22 | 15 40 | 0003 | 16J | 0J | 0J | 2J | 4J | 2J | 304J | 328J |
| 72/06/20 | 15 05 | 0003 | 12J | 0J | 0J | 0J | 2J | 0J | 132J | 146J |
| 72/07/19 | 13 55 | 0003 | 8J | 0J | 0J | 0J | 10J | 0J | 262J | 280J |
| 72/08/21 | 18 00 | 0003 | 40J | 0J | 0J | 0J | 2J | 0J | 354J | 396J |
| 72/09/20 | 16 10 | 0003 | 181 | 0 | 0 | 0 | 0 | 0 | 2195 | 2376 |
| 72/10/18 | 15 05 | 0003 | 161 | 0 | 0 | 0 | 0 | 0 | 944 | 1105 |
| 72/11/15 | 11 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 10 | 302 | 312 |

STORET RETRIEVAL DATE 77/03/01

052508 D11
38 02 34.0 121 47 34.0 2
SHERMAN LAKE NEAR ANTIOCH-D11
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SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/12/12 | 09 50 | 0003 | 0 | 404 | 0 | 0 | 0 | 0 | 10 | 414 |
| 73/02/13 | 13 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/15 | 13 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/29 | 11 50 | 0003 | 24 | 0 | 0 | 0 | 12 | 0 | 168 | 204 |
| 73/04/12 | 12 25 | 0003 | 76 | 0 | 0 | 0 | 0 | 5 | 637 | 718 |
| 73/04/26 | 11 25 | 0003 | 60 | 0 | 0 | 0 | 12 | 0 | 924 | 1008 |
| 73/05/10 | 11 50 | 0003 | 48 | 0 | 0 | 0 | 84 | 0 | 1488 | 1620 |
| 73/05/31 | 16 50 | 0003 | 60 | 0 | 0 | 0 | 24 | 0 | 576 | 660 |
| 73/06/13 | 17 00 | 0003 | 0 | 0 | 0 | 0 | 36 | 0 | 528 | 564 |
| 73/06/26 | 14 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 324 | 324 |
| 73/07/11 | 16 20 | 0003 | 12 | 0 | 0 | 0 | 12 | 0 | 288 | 312 |
| 73/08/08 | 14 40 | 0003 | 24 | 0 | 0 | 0 | 36 | 0 | 396 | 456 |
| 73/08/23 | 14 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 540 | 540 |
| 73/09/06 | 13 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 360 | 360 |
| 73/09/20 | 12 00 | 0003 | 58 | 0 | 19 | 0 | 19 | 0 | 797 | 893 |
| 73/10/04 | 11 55 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 254 | 304 |
| 73/11/01 | 09 20 | 0003 | 30 | 0 | 20 | 0 | 0 | 0 | 454 | 504 |
| 73/12/06 | 12 45 | 0003 | 25 | 0 | 0 | 0 | 25 | 0 | 76 | 126 |
| 74/01/17 | 13 10 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 60 | 110 |
| 74/02/14 | 12 45 | 0003 | 10 | 0 | 30 | 0 | 0 | 0 | 91 | 131 |
| 74/03/21 | 15 25 | 0003 | 116 | 5 | 40 | 0 | 15 | 5 | 291 | 472 |
| 74/04/02 | 12 45 | 0003 | 101 | 0 | 50 | 0 | 0 | 0 | 203 | 354 |
| 74/04/17 | 13 10 | 0003 | 202 | 0 | 10 | 81 | 0 | 10 | 616 | 919 |
| 74/04/30 | 12 00 | 0003 | 286 | 44 | 0 | 110 | 44 | 0 | 1210 | 1694 |
| 74/05/14 | 10 55 | 0003 | 66 | 0 | 0 | 0 | 22 | 0 | 4730 | 4818 |
| 74/06/12 | 10 05 | 0003 | 242 | 0 | 0 | 22 | 44 | 0 | 1914 | 2222 |
| 74/06/26 | 10 25 | 0003 | 115 | 0 | 10 | 10 | 19 | 0 | 4058 | 4292 |
| 74/07/10 | 08 40 | 0003 | 132 | 0 | 0 | 0 | 22 | 0 | 3894 | 4048 |
| 74/07/24 | 09 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2464 | 2464 |
| 74/08/13 | 14 20 | 0003 | 22 | 0 | 0 | 22 | 22 | 0 | 990 | 1056 |
| 74/08/27 | 14 25 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 594 | 638 |
| 74/09/12 | 14 30 | 0003 | 44 | 0 | 0 | 0 | 0 | 22 | 1232 | 1298 |
| 74/09/24 | 12 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74/10/08 | 11 20 | 0003 | 176 | 0 | 0 | 22 | 0 | 0 | 748 | 946 |
| 74/10/22 | 11 45 | 0003 | 88 | 0 | 1 | 0 | 0 | 0 | 352 | 440 |
| 74/11/20 | 09 35 | 0003 | 22 | 0 | 0 | 0 | 0 | 22 | 308 | 352 |
| 74/12/10 | 13 25 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 374 | 418 |

STORET RETRIEVAL DATE 77/03/01

052508 D11
38 02 34.0 121 47 34.0 2
SHERMAN LAKE NEAR ANTIOCH-D11
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/01/19 | | | 0.0004J | | | |
| 71/02/18 | | | 0.0006J | | | |
| 71/03/05 | | | 0.0078J | 19.00L | 0.00L | 28.00L |
| 71/04/08 | | | 0.0005J | 46.00 | 0.00 | 7.00 |
| 71/04/21 | | | | 46.47L | 0.00L | 7.65L |
| 71/05/04 | | | 0.0512J | 150.50 | 0.69 | 15.68 |
| 71/05/19 | | | | 455.90L | 0.00L | 21.76L |
| 71/06/03 | | | 0.0055J | 392.00 | 3.78 | 17.00 |
| 71/06/15 | | | | 811.20L | 0.00L | 20.00L |
| 71/07/01 | | | 0.0500J | 274.00L | 0.00L | 45.00L |
| 71/07/30 | | | 0.0027 | 354.00L | 0.00L | 52.00L |
| 71/08/03 | | | | 691.80L | 0.00L | 40.59L |
| 71/08/16 | | | | 367.60L | 0.00L | 31.76L |
| 71/09/01 | | | 0.1450J | 321.00L | 0.00L | 44.00L |
| 71/09/14 | | | | 354.10L | 0.00L | 25.88L |
| 71/09/28 | | | | 305.30L | 0.00L | 18.24L |
| 71/10/18 | | | 0.0159J | 129.00 | 4.05 | 38.00 |
| 71/11/09 | | | 0.0876J | 13.00 | 0.68 | 14.00 |
| 71/12/08 | | | 0.0035 | 0.07L | 4.13L | 16.52L |
| 72/01/11 | | | 0.0000 | 31.00 | 0.13 | 6.00 |
| 72/02/09 | | | 0.0002 | 8.82L | 0.01 | 7.00 |
| 72/03/09 | | | 0.0030 | 12.00 | 0.09 | 5.00 |
| 72/04/07 | | | 0.0236 | 354.00 | 0.52 | 51.00 |
| 72/04/20 | | | 0.0128 | 506.00 | 1.17 | 25.00 |
| 72/05/05 | | | 0.0425 | 21.00 | 2.59 | 113.00 |
| 72/05/19 | | | 0.0762 | 125.00 | 28.18 | 119.00 |
| 72/06/06 | | | 0.0161 | 23.00 | 7.91 | 59.00 |
| 72/06/19 | | | 0.0226 | 6.00 | 1.87 | 36.00 |
| 72/07/05 | | | 0.0006 | 22.00 | 4.46 | 99.00 |
| 72/07/18 | | | 0.0288 | 25.00 | 0.00 | 90.00 |
| 72/08/02 | | | 0.0029 | 88.00 | 0.12 | 47.00 |
| 72/08/14 | | | 0.1478 | 198.00 | 0.10 | 47.00 |
| 72/09/13 | | | 0.0466 | 216.00 | 0.98 | 74.00 |
| 72/09/28 | | | 0.0337 | 445.00 | 3.93 | 89.00 |
| 72/10/12 | | | 0.0471 | 196.00 | 1.19 | 87.00 |
| 72/10/27 | | | 0.0181 | 69.00 | 0.35 | 63.00 |

STORET RETRIEVAL DATE 77/03/01

052508 D11
38 02 34.0 121 47 34.0 2
SHERMAN LAKE NEAR ANTIOCH-D11
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/11/15 | | | 0.0273 | 20.00 | 0.00 | 30.00 |
| 72/12/19 | | | 0.0021 | 11.00 | 0.12 | 8.00 |
| 73/03/15 | | | 0.0005 | 15.03 | 0.36 | 8.33 |
| 73/04/10 | | | 0.0105 | 19.57 | 0.30 | 23.40 |
| 73/04/25 | | | 0.0102 | 218.20 | 0.19 | 52.96 |
| 73/05/09 | | | 0.1918 | 550.10 | 0.27 | 123.20 |
| 73/05/24 | | | 0.0820 | 126.50 | 0.01 | 43.41 |
| 73/06/07 | | | 0.0208 | 25.91 | 0.28 | 56.17 |
| 73/06/26 | | | 0.0033 | 60.59 | 1.24 | 20.23 |
| 73/07/09 | | | 0.0010 | 92.15 | 0.67 | 49.10 |
| 73/07/24 | | | 0.0000 | 41.18L | 0.00L | 67.00 |
| 73/08/07 | | | 0.0134 | 133.60 | 0.07 | 77.81 |
| 73/08/21 | | | 0.0041 | 21.01 | 0.12 | 31.60 |
| 73/09/05 | | | 0.0011 | 50.59 | 0.29 | 55.52 |
| 73/09/18 | | | 0.0111 | 170.80 | 0.92 | 36.94 |
| 73/10/02 | | | 0.0086 | 162.00 | 0.85 | 17.74 |
| 73/10/16 | | | 0.0078 | 151.30 | 1.61 | 34.06 |
| 73/11/16 | | | 0.0252 | 32.89 | 1.86 | 12.59 |
| 74/03/14 | | | 0.0000 | 35.34 | 0.15 | 3.01 |
| 74/04/01 | | | 0.0001 | 40.59 | 0.30 | 13.65 |
| 74/04/16 | | | 0.0003 | 86.82 | 0.36 | 4.98 |
| 74/05/13 | | | 0.0015 | 221.10 | 44.25 | 36.11 |
| 74/05/28 | | | 0.1309 | 470.50 | 3.38 | 32.16 |
| 74/06/18 | | | 0.1500 | 597.20 | 0.19 | 19.83 |
| 74/06/26 | | | 0.0702 | 407.90 | 0.02 | 13.04 |
| 74/07/10 | | | 0.0588 | 325.30 | 0.07 | 47.59 |
| 74/07/24 | | | 0.0230 | 79.23 | 0.28 | 21.87 |
| 74/08/08 | | | 0.0015 | 38.60 | 0.89 | 10.52 |
| 74/08/23 | | | 0.0014 | 75.30 | 1.05 | 5.48 |
| 74/09/10 | | | 0.0014 | 40.37 | 1.43 | 6.63 |
| 74/09/23 | | | 0.0020 | 124.50 | 4.83 | 11.30 |
| 74/10/07 | | | 0.0026 | 103.50 | 3.21 | 9.85 |
| 74/10/22 | | | 0.0017 | 53.34 | 2.12 | 7.73 |
| 74/11/19 | | | 0.0007 | 0.00L | 3.06L | 1.81L |

STORET RETRIEVAL DATE 77/03/01

052508 D11
38 02 34.0 121 47 34.0 2
SHERMAN LAKE NEAR ANTIOCH-D11
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 10 40 | 0003 | 2.0 | | | | | | | | |
| 69/02/26 | 13 00 | 0003 | 1.8 | | | | | | | | |
| 69/04/25 | 11 45 | 0003 | 1.0 | | | | | | | | |
| 69/06/09 | 14 00 | 0003 | 0.3 | | | | | | | | |
| 69/07/23 | 13 00 | 0003 | 1.5 | | | | | | | | |
| 69/08/19 | 10 55 | 0003 | 1.3 | | | | | | | | |
| 69/09/17 | 10 40 | 0003 | 1.7 | | | | | | | | |
| 69/10/20 | 11 00 | 0003 | 3.1 | | | | | | | | |
| 69/11/21 | 13 10 | 0003 | 1.5 | | | | | | | | |
| 70/02/12 | 09 45 | 0003 | 0.4 | | | | | | | | |
| 70/03/20 | 14 15 | 0003 | 1.3 | | | | | | | | |
| 70/04/17 | 13 35 | 0003 | 1.1 | | | | | | | | |
| 70/05/19 | 17 00 | 0003 | 0.9 | | | | | | | | |
| 70/06/16 | 15 25 | 0003 | 2.4 | | | | | | | | |
| 70/07/14 | 14 15 | 0003 | 1.4 | | | | | | | | |
| 70/08/12 | 14 00 | 0003 | 1.7 | | | | | | | | |
| 70/09/10 | 14 25 | 0003 | 1.3 | | | | | | | | |
| 70/10/08 | 13 00 | 0003 | 1.4 | | | | | | | | |
| 70/11/20 | 12 40 | 0003 | 0.9 | | | | | | | | |
| 71/03/03 | 09 00 | 0003 | 0.8 | | 0.7 | 1.4 | 1.7 | 1.7 | | | |
| 71/04/06 | 13 55 | 0003 | 0.5 | | 1.1 | 1.4 | 1.5 | | | | |
| 71/05/04 | 14 05 | 0003 | | | 1.3 | 2.2 | 3.0 | | 3.2 | | 4.1 |
| 71/06/02 | 13 25 | 0003 | | | 1.3 | 2.5 | 2.7 | | 3.3 | | 3.5 |
| 71/06/30 | 12 00 | 0003 | | | 1.6 | 2.7 | 2.8 | | 3.3 | | 3.3 |
| 71/08/03 | 16 25 | 0003 | | | 1.5 | 2.7 | 4.4 | | 3.7 | | 4.3 |
| 71/08/31 | 15 20 | 0003 | | | 1.4 | 2.3 | 2.6 | | 3.0 | | 3.6 |
| 71/09/28 | 13 20 | 0003 | | | 3.1 | 2.6 | 3.4 | | 4.1 | | 4.4 |
| 71/10/26 | 13 10 | 0003 | | | 1.4 | 1.9 | | | 3.1 | | 3.8 |
| 71/11/16 | 13 30 | 0003 | | | 1.5 | 2.4 | 3.4 | | 3.5 | | 4.7 |
| 72/07/19 | 13 55 | 0003 | 1.2 | | | | | | | | |
| 72/09/20 | 16 10 | 0003 | | | 1.9 | 2.9 | | | | | 5.3 |

STORET RETRIEVAL DATE 77/03/01

052509 D12 74
38 01 15.0 121 48 28.0 2
SAN JOAQUIN RV AT ANTIOCH-D12
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 48 30 LATITUDE - 38 01 10

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED NEAR INDUSTRIAL AREA, IN A NAV. CHANNEL, WITHIN TIDAL EXCURSION OF THE PROPOSED DRAIN DISCHARGE POINT.

SAMPLING POINT - SAN JOAQUIN RIVER, MIDCHANNEL, BETWEEN SOUTH END OF KIMBALL ISLAND AND ANTIOCH, NORTH OF RB I QK FL R. DEPTH AT SITE IS 30 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANLAYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052509 D12 74
38 01 15.0 121 48 28.0 2
SAN JOAQUIN RV AT ANTIOCH-D12
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/10/28 | 11 35 | 0003 | 13.68C | | | | | | | | | | |
| 68/11/26 | 10 35 | 0003 | 6.76C | | | | | | | | | | |
| 69/01/29 | 13 00 | 0003 | 1.82C | | | | | | | | | | |
| 69/02/27 | 12 15 | 0003 | 2.36C | | | | | | | | | | |
| 69/03/28 | 12 40 | 0003 | 4.18C | | | | | | | | | | |
| 69/05/07 | 09 15 | 0003 | 8.36C | | | | | | | | | | |
| 69/06/11 | 16 50 | 0003 | 4.79C | | | | | | | | | | |
| 69/07/23 | 13 45 | 0003 | 26.60C | | | | | | | | | | |
| 69/08/19 | 10 25 | 0003 | 22.80C | | | | | | | | | | |
| 69/09/17 | 10 10 | 0003 | 22.00 | 0.75M | 9.30 | 5.80 | 80 | | | | | | |
| 69/11/21 | 12 40 | 0003 | 12.16C | | | | | | | | | | |
| 70/02/12 | 09 20 | 0003 | 1.82C | | | | | | | | | | |
| 70/03/19 | 15 30 | 0003 | 4.33C | | | | | | | | | | |
| 70/04/16 | 13 50 | 0003 | 8.36C | | | | | 2.95M | 1.52 | 1.53 | 4.47 | 0.47 | |
| 70/05/18 | 16 25 | 0003 | 18.00 | 0.13M | 3.60 | 8.80 | 67 | 2.35M | 3.35 | 2.82 | 5.71 | 0.60 | |
| 70/06/15 | 16 05 | 0003 | 19.00 | 0.10M | 3.10 | 9.80 | 66 | 1.19M | 2.61 | 2.88 | 3.80 | 0.40 | |
| 70/07/15 | 16 20 | 0003 | 16.00 | 0.52 | 4.20 | 12.00 | 56 | 2.15M | 2.13 | 3.45 | 4.28 | 0.45 | |
| 70/08/13 | 15 55 | 0003 | 22.00 | 0.44M | 5.00 | 10.00 | 69 | 2.38M | 2.85 | 3.85 | 5.23 | 0.55 | |
| 70/09/09 | 14 20 | 0003 | 17.00 | 0.08 | 2.60 | 7.70 | 69 | 0.00 | 2.98 | 2.95 | 2.98 | 0.31 | |
| 70/10/07 | 12 30 | 0003 | 19.00 | 0.67M | 3.70 | 8.50 | 69 | 2.06M | 2.12 | 2.14 | 4.18 | 0.44 | |
| 70/11/20 | 12 05 | 0003 | 7.30 | 0.01M | 2.10 | 3.60 | 67 | | | | | | |
| 71/03/03 | 08 35 | 0003 | 3.00 | 0.00 | 0.00 | 2.40 | 55 | | | | | | |
| 71/03/24 | 14 15 | 0003 | 3.80 | 0.04 | 0.00 | 2.80 | 57 | | | | | | |
| 71/04/06 | 13 20 | 0003 | 4.60 | 0.00 | 0.00 | 2.20 | 67 | | | | | | |
| 71/04/21 | 13 15 | 0003 | 11.00 | 0.00 | 2.30 | 3.30 | 77 | | | | | | |
| 71/05/05 | 13 40 | 0003 | 32.00 | 0.00 | 10.00 | 9.30 | 77 | 3.27M | 2.44 | 2.10 | 5.71 | 0.60 | |
| 71/05/19 | 14 10 | 0003 | 18.00 | 0.00 | 5.10 | 6.40 | 73 | | | | | | |
| 71/06/03 | 14 10 | 0003 | 18.00 | 0.00 | 4.10 | 4.80 | 78 | 4.90M | 5.09 | 2.00 | 9.98 | 1.05 | |
| 71/06/16 | 12 25 | 0003 | 19.00 | 0.00 | 2.80 | 4.20 | 81 | | | | | | |
| 71/07/01 | 12 25 | 0003 | 15.00 | 0.71 | 4.60 | 6.70 | 69 | 4.60M | 3.01 | 2.90 | 7.61 | 0.80 | |
| 71/07/15 | 12 35 | 0003 | 14.00 | 0.71 | 4.50 | 11.00 | 54 | | | | | | |
| 71/08/04 | 15 15 | 0003 | 16.00 | 0.70 | 4.00 | 8.90 | 63 | 3.07M | 2.64 | 2.55 | 5.71 | 0.60 | 3.66 |
| 71/08/17 | 16 50 | 0003 | 17.00 | 0.15 | 5.70 | 11.00 | 60 | | | | | | |
| 71/09/01 | 15 40 | 0003 | 18.00 | 0.90 | 8.30 | 10.00 | 63 | 1.97M | 2.31 | 2.20 | 4.28 | 0.45 | 3.08 |
| 71/09/15 | 15 30 | 0003 | 19.00 | 0.10 | 5.00 | 9.40 | 67 | | | | | | |
| 71/09/29 | 13 40 | 0003 | 22.00 | 0.43 | 4.40 | 8.70 | 71 | 2.50M | 3.21 | 2.20 | 5.71 | 0.60 | 1.90 |

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38 01 15.0 121 48 28.0 2
SAN JOAQUIN RV AT ANTIOCH-D12
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/10/15 | 14 30 | 0003 | 23.00 | 0.57 | 4.80 | 13.00 | 64 | | | | | | |
| 71/10/27 | 12 50 | 0003 | 15.00 | 0.22 | 3.80 | 6.40 | 70 | 0.10 | 1.36 | 1.28 | 1.26 | 0.13 | 1.16 |
| 71/11/17 | 15 35 | 0003 | 12.00 | 0.00 | 2.30 | 5.10 | 70 | | | | | | |
| 71/12/13 | 14 10 | 0003 | 6.30 | 0.00 | 0.62 | 2.50 | 71 | | | | | | |
| 72/01/10 | 14 15 | 0003 | 2.20 | 0.11 | 0.30 | 1.60 | 57 | | | | | | |
| 72/02/11 | 14 25 | 0003 | 2.00 | 0.26 | 0.93 | 1.60 | 56 | | | | | | |
| 72/03/09 | 11 30 | 0003 | 3.50 | 0.22 | 1.10 | 1.70 | 67 | | | | | | |
| 72/03/23 | 11 40 | 0003 | 11.00 | 0.00 | 0.21 | 2.20 | 82 | 1.96M | 1.82 | 1.49 | 3.78 | 0.40 | |
| 72/04/10 | 15 45 | 0003 | 23.00 | 1.50 | 5.00 | 15.00 | 61 | | | | | | |
| 72/05/09 | 14 45 | 0003 | 15.00 | 0.32 | 4.00 | 8.50 | 64 | | | | | | |
| 72/05/23 | 14 20 | 0003 | 20.00 | 0.78 | 4.60 | 9.90 | 67 | 0.68M | 2.66 | 1.80 | 3.35 | 0.35 | |
| 72/06/07 | 14 55 | 0003 | 8.00 | 0.57 | 1.50 | 8.30 | 49 | | | | | | |
| 72/07/05 | 14 00 | 0003 | 21.00 | 0.48 | 2.60 | 8.50 | 71 | | | | | | |
| 72/07/18 | 12 30 | 0003 | 16.00 | 1.40 | 3.00 | 8.50 | 65 | 4.51M | 0.06 | 0.04 | 4.56 | 0.48 | |
| 72/08/07 | 16 30 | 0003 | 20.00 | 1.00 | 4.70 | 12.00 | 63 | | | | | | |
| 72/08/22 | 15 30 | 0003 | 19.00 | 0.40 | 4.40 | 12.00 | 61 | 4.40M | 2.44 | 1.91 | 6.85 | 0.72 | |
| 72/09/07 | 17 50 | 0003 | 21.00 | 2.20 | 3.60 | 11.00 | 65 | | | | | | |
| 72/09/21 | 15 30 | 0003 | 23.00 | 1.60 | 2.90 | 13.00 | 63 | 0.58M | 0.65 | 0.83 | 1.24 | 0.13 | |
| 72/10/04 | 16 05 | 0003 | 30.00 | 0.01 | 8.30 | 9.70 | 75 | | | | | | |
| 72/10/17 | 13 45 | 0003 | 17.00 | 0.28 | 3.50 | 8.80 | 65 | | | | | | |
| 72/11/16 | 13 25 | 0003 | 4.20 | 0.40 | 0.60 | 3.00 | 58 | | | | | | |
| 72/12/13 | 12 10 | 0003 | 1.40 | 0.08 | 0.28 | 1.40 | 50 | | | | | | |
| 73/02/14 | 15 15 | 0003 | 1.40 | | | 1.40 | 50 | | | | | | |
| 73/03/13 | 11 13 | 0003 | 2.30 | | | 0.84 | 73 | 0.41M | 0.31 | 0.16 | 0.72 | 0.08 | |
| 73/03/28 | 11 35 | 0003 | 3.20 | | | 1.40 | 70 | | | | | | |
| 73/04/10 | 11 15 | 0003 | 7.40 | | | 4.30 | 63 | 1.34M | 1.08 | 0.53 | 2.42 | 0.25 | |
| 73/04/25 | 13 10 | 0003 | 51.00 | | | 15.00 | 77 | | | | | | |
| 73/05/08 | 11 05 | 0003 | 20.00 | | | 12.00 | 63 | 1.88M | 3.12 | 1.58 | 5.01 | 0.53 | |
| 73/05/30 | 17 30 | 0003 | 12.00 | | | 9.50 | 57 | | | | | | |
| 73/06/11 | 15 10 | 0003 | 8.00 | | | 5.80 | 58 | 2.17M | 2.00 | 1.49 | 4.16 | 0.44 | |
| | 15 11 | 0030 | 9.00 | | | 9.20 | 49 | | | | | | |
| 73/06/27 | 16 15 | 0003 | 5.80 | | | 5.40 | 52 | | | | | | |
| | 16 16 | 0030 | 5.90 | | | 7.90 | 43 | | | | | | |
| 73/07/09 | 13 55 | 0003 | 6.20 | | | 6.60 | 49 | 1.27M | 1.28 | 0.75 | 2.55 | 0.27 | |
| | 13 56 | 0030 | 6.70 | | | 9.20 | 42 | | | | | | |
| 73/08/06 | 13 20 | 0003 | 10.00 | | | 7.00 | 60 | 1.91M | 1.83 | 1.21 | 3.74 | 0.39 | |

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38 01 15.0 121 48 28.0 2
SAN JOAQUIN RV AT ANTIOCH-D12
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/08/06 | 13 21 | 0030 | 13.00 | | | 7.80 | 64 | | | | | |
| 73/08/22 | 13 00 | 0003 | 8.60 | | | 8.00 | 52 | | | | | |
| | 13 03 | 0030 | 10.00 | | | 13.00 | 43 | | | | | |
| 73/09/04 | 11 40 | 0003 | 7.80 | | | 6.70 | 54 | 1.77M | 1.27 | 0.95 | 3.04 | 0.32 |
| | 11 41 | 0030 | 8.70 | | | 8.90 | 49 | | | | | |
| 73/09/19 | 11 30 | 0003 | 9.20 | | | 4.20 | 69 | | | | | |
| 73/10/02 | 10 45 | 0003 | 7.50 | | | 4.70 | 61 | 2.62M | 1.04 | 0.70 | 3.66 | 0.39 |
| 73/10/31 | 09 45 | 0003 | 6.00 | | | 4.30 | 58 | | | | | |
| 73/12/04 | 11 30 | 0003 | 1.10 | | | 1.40 | 44 | | | | | |
| 74/01/15 | 11 10 | 0003 | 1.40 | | | 0.99 | 59 | | | | | |
| 74/02/13 | 10 40 | 0003 | 1.70 | | | 1.10 | 61 | | | | | |
| 74/03/20 | 15 40 | 0003 | 3.30 | | | 1.30 | 71 | | | | | |
| 74/04/03 | 14 50 | 0003 | 2.40 | | | 1.00 | 71 | | | | | |
| 74/04/18 | 15 05 | 0003 | 5.80 | | | 2.80 | 67 | | | | | |
| 74/05/01 | 14 20 | 0003 | 15.00 | | | 6.60 | 70 | | | | | |
| 74/05/15 | 12 40 | 0003 | 24.00 | | | 8.40 | 75 | | | | | |
| 74/06/13 | 12 15 | 0003 | 22.00 | | | 9.50 | 70 | | | | | |
| 74/06/27 | 12 10 | 0003 | 18.00 | | | 9.30 | 66 | | | | | |
| 74/07/11 | 10 30 | 0003 | 10.00 | | | 7.90 | 56 | | | | | |
| 74/07/25 | 10 50 | 0003 | 7.50 | | | 5.90 | 56 | | | | | |
| 74/08/14 | 15 30 | 0003 | 5.50 | | | 4.40 | 56 | | | | | |
| 74/08/28 | 15 10 | 0003 | 12.00 | | | 6.20 | 67 | | | | | |
| 74/09/11 | 15 40 | 0003 | 16.00 | | | 6.20 | 73 | | | | | |
| 74/09/25 | 14 00 | 0003 | 18.00 | | | 5.30 | 78 | | | | | |
| 74/10/09 | 12 35 | 0003 | 5.80 | | | 5.40 | 52 | | | | | |
| 74/10/23 | 12 05 | 0003 | 5.10 | | | 3.40 | 60 | | | | | |
| 74/11/21 | 11 35 | 0003 | 1.60 | | | 1.80 | 48 | | | | | |
| 74/12/11 | 15 05 | 0003 | 1.30 | | | 1.50 | 46 | | | | | |

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38 01 15.0 121 48 28.0 2
SAN JOAQUIN RV AT ANTIOCH-D12
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/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 10 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 490 | 490 |
| 68/12/17 | 14 10 | 0003 | 40 | 0 | 0 | 0 | 30 | 0 | 470 | 540 |
| 69/01/29 | 13 00 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 80 | 90 |
| 69/02/27 | 12 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| 69/03/28 | 12 40 | 0003 | 20 | 0 | 0 | 0 | 90 | 0 | 90 | 200 |
| 69/05/07 | 09 15 | 0003 | 90 | 0 | 0 | 10 | 30 | 0 | 480 | 610 |
| 69/06/11 | 16 50 | 0003 | 60 | 0 | 0 | 0 | 80 | 10 | 320 | 470 |
| 69/07/23 | 13 45 | 0003 | 150 | 0 | 0 | 0 | 20 | 0 | 3520 | 3690 |
| 69/08/19 | 10 25 | 0003 | 70 | 0 | 0 | 10 | 0 | 0 | 2310 | 2390 |
| 69/09/17 | 10 10 | 0003 | 20 | 0 | 0 | 0 | 40 | 10 | 2070 | 2140 |
| 69/10/20 | 11 45 | 0003 | 130 | 0 | 0 | 0 | 60 | 0 | 3110 | 3300 |
| 69/11/21 | 12 40 | 0003 | 200 | 0 | 0 | 0 | 40 | 0 | 1350 | 1590 |
| 70/02/12 | 09 20 | 0003 | 30 | 0 | 30 | 0 | 0 | 0 | 210 | 270 |
| 70/03/19 | 15 30 | 0003 | 150 | 0 | 0 | 0 | 570 | 0 | 270 | 990 |
| 70/04/16 | 13 50 | 0003 | 60 | 0 | 0 | 0 | 0 | 0 | 330 | 390 |
| 70/05/18 | 16 25 | 0003 | 420 | 0 | 0 | 0 | 150 | 0 | 3710 | 4280 |
| 70/06/15 | 16 05 | 0003 | 240 | 0 | 0 | 0 | 150 | 0 | 2850 | 3240 |
| 70/07/15 | 16 20 | 0003 | 300 | 0 | 0 | 0 | 240 | 0 | 2690 | 3230 |
| 70/08/13 | 15 55 | 0003 | 360 | 0 | 0 | 0 | 270 | 0 | 2380 | 3010 |
| 70/09/09 | 14 20 | 0003 | 180 | 0 | 0 | 0 | 420 | 0 | 3040 | 3640 |
| 70/10/07 | 12 30 | 0003 | 210 | 0 | 0 | 0 | 210 | 0 | 3540 | 3960 |
| 70/11/20 | 12 05 | 0003 | 90 | 0 | 0 | 0 | 90 | 0 | 2720 | 2900 |
| 71/03/03 | 08 35 | 0003 | 30 | 0 | 0 | 0 | 90 | 0 | 120 | 240 |
| 71/04/06 | 13 20 | 0003 | 150 | 0 | 0 | 0 | 330 | 0 | 360 | 840 |
| 71/05/05 | 13 40 | 0003 | 510 | 0 | 0 | 0 | 480 | 0 | 13620 | 14610 |
| 71/06/03 | 14 10 | 0003 | 450 | 0 | 0 | 0 | 390 | 0 | 5390 | 6230 |
| 71/07/01 | 12 25 | 0003 | 600 | 0 | 0 | 0 | 570 | 0 | 3900 | 5070 |
| 71/08/04 | 15 15 | 0003 | 180 | 0 | 0 | 0 | 270 | 0 | 3330 | 3780 |
| 71/09/01 | 15 40 | 0003 | 25 | 0 | 0 | 0 | 0 | 0 | 635 | 660 |
| 71/09/29 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1349 | 1349 |
| 71/10/27 | 12 50 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 1191 | 1203 |
| 71/11/17 | 15 35 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 368 | 388 |
| 71/12/13 | 14 10 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 226 | 246 |
| 72/01/10 | 14 15 | 0003 | 20J | 2J | 0J | 2J | 32J | 0J | 96J | 152J |
| 72/02/11 | 14 25 | 0003 | 10J | 0J | 0J | 2J | 8J | 0J | 38J | 58J |
| 72/03/23 | 11 40 | 0003 | 16J | 0J | 0J | 0J | 26J | 0J | 380J | 422J |

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38 01 15.0 121 48 28.0 2
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/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAF DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/08/22 | 15 30 | 0003 | 32J | 0J | 0J | 2J | 12J | 0J | 452J | 498J |
| 72/09/21 | 15 30 | 0003 | 131 | 0 | 0 | 0 | 0 | 0 | 3919 | 4050 |
| 72/11/16 | 13 25 | 0003 | 5 | 0 | 0 | 0 | 0 | 0 | 207 | 212 |
| 72/12/13 | 12 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 48 |
| 73/01/15 | 12 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/14 | 15 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/13 | 11 13 | 0003 | 101 | 0 | 10 | 0 | 30 | 0 | 60 | 201 |
| 73/03/28 | 11 35 | 0003 | 12 | 0 | 0 | 0 | 36 | 0 | 192 | 240 |
| 73/04/10 | 11 15 | 0003 | 151 | 0 | 51 | 0 | 30 | 0 | 998 | 1230 |
| 73/04/25 | 13 10 | 0003 | 420 | 0 | 0 | 0 | 96 | 0 | 1728 | 2244 |
| 73/05/08 | 11 05 | 0003 | 24 | 0 | 0 | 0 | 0 | 0 | 1980 | 2004 |
| 73/05/30 | 17 30 | 0003 | 36 | 0 | 0 | 0 | 0 | 0 | 984 | 1020 |
| 73/06/11 | 15 10 | 0003 | 0 | 0 | 0 | 0 | 36 | 0 | 528 | 564 |
| 73/06/27 | 16 15 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 324 | 336 |
| 73/07/09 | 13 55 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 552 | 564 |
| 73/08/06 | 13 20 | 0003 | 72 | 0 | 0 | 0 | 84 | 0 | 576 | 732 |
| 73/08/22 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 48 | 0 | 672 | 720 |
| 73/09/04 | 11 40 | 0003 | 48 | 0 | 0 | 0 | 12 | 0 | 780 | 840 |
| 73/09/19 | 11 30 | 0003 | 75 | 0 | 0 | 0 | 0 | 0 | 395 | 470 |
| 73/10/02 | 10 45 | 0003 | 120 | 0 | 0 | 0 | 0 | 0 | 939 | 1059 |
| 73/10/31 | 09 45 | 0003 | 60 | 0 | 20 | 0 | 40 | 0 | 646 | 766 |
| 73/12/04 | 11 30 | 0003 | 51 | 0 | 0 | 0 | 25 | 0 | 0 | 76 |
| 74/01/15 | 11 10 | 0003 | 90 | 0 | 10 | 10 | 0 | 0 | 80 | 190 |
| 74/02/13 | 10 40 | 0003 | 30 | 0 | 10 | 0 | 0 | 0 | 121 | 161 |
| 74/03/20 | 15 40 | 0003 | 121 | 0 | 10 | 0 | 10 | 0 | 423 | 564 |
| 74/04/03 | 14 50 | 0003 | 131 | 0 | 30 | 0 | 0 | 0 | 191 | 352 |
| 74/04/18 | 15 05 | 0003 | 374 | 0 | 0 | 44 | 22 | 0 | 616 | 1056 |
| 74/05/01 | 14 20 | 0003 | 312 | 0 | 0 | 44 | 0 | 0 | 2024 | 2380 |
| 74/05/15 | 12 40 | 0000 | 44 | 0 | 0 | 22 | 0 | 0 | 9086 | 9152 |
| 74/06/13 | 12 15 | 0003 | 110 | 0 | 0 | 22 | 66 | 0 | 2354 | 2552 |
| 74/06/27 | 12 10 | 0003 | 251 | 0 | 0 | 60 | 0 | 0 | 4232 | 4543 |
| 74/07/11 | 10 30 | 0003 | 187 | 0 | 0 | 6 | 12 | 0 | 2593 | 2798 |
| 74/07/25 | 10 50 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 2069 | 2137 |
| 74/08/14 | 15 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 748 | 748 |
| 74/08/28 | 15 10 | 0003 | 22 | 0 | 0 | 0 | 22 | 0 | 858 | 902 |
| 74/09/11 | 15 40 | 0003 | 44 | 0 | 0 | 22 | 0 | 0 | 902 | 968 |

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38 01 15.0 121 48 28.0 2
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|---|---|---|---|---|---|---|---|---|---|---|
| 74/10/09 | 12 35 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 682 | 748 |
| 74/10/23 | 12 05 | 0003 | 110 | 0 | 0 | 0 | 0 | 0 | 770 | 880 |
| 74/11/21 | 11 35 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 462 | 506 |
| 74/12/11 | 15 05 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 462 | 484 |

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38 01 15.0 121 48 28.0 2
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|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0342 | | | |
| 69/02/06 | | | 0.0006 | | | |
| 69/03/09 | | | 0.0005 | | | |
| 69/05/26 | | | 0.0065 | | | |
| 69/06/25 | | | 0.0125 | | | |
| 69/07/24 | | | 0.0405 | | | |
| 69/08/20 | | | 0.0728 | | | |
| 69/09/17 | | | 0.0163 | | | |
| 69/10/20 | | | 0.0427 | | | |
| 69/11/16 | | | 0.0386 | | | |
| 69/12/19 | | | 0.0128 | | | |
| 70/01/14 | | | 0.0012 | | | |
| 70/02/13 | | | 0.0012 | | | |
| 70/03/16 | | | 0.0039 | | | |
| 70/04/14 | | | 0.0336 | | | |
| 70/05/14 | | | 0.0510 | | | |
| 70/06/11 | | | 0.1169 | | | |
| 70/07/10 | | | 0.2374 | | | |
| 70/08/24 | | | 0.0430 | | | |
| 70/09/22 | | | 0.0194 | | | |
| 70/10/23 | | | 0.0243 | | | |
| 70/11/18 | | | 0.0517 | | | |
| 70/12/20 | | | 0.0000 | | | |
| 71/01/19 | | | 0.0031 | | | |
| 71/02/18 | | | 0.0026 | | | |
| 71/03/05 | | | 0.0037 | 20.00L | 0.59L | 38.00L |
| 71/04/06 | | | | 25.88L | 0.00L | 6.47L |
| 71/04/08 | | | 0.0186 | 0.03L | 0.02L | 0.18L |
| 71/04/21 | | | | 102.40L | 0.00L | 11.18L |
| 71/05/04 | | | 0.0262 | 1.63L | 0.00L | 6.08L |
| 71/05/19 | | | | 810.60L | 0.00L | 42.35L |
| 71/06/02 | | | | 737.60L | 0.59L | 25.88L |
| 71/06/03 | | | 0.0490 | 0.15L | 2.74L | 0.70L |
| 71/06/15 | | | | 737.60L | 0.00L | 37.06L |
| 71/07/01 | | | 0.2003 | 0.30L | 0.59L | 10.00L |
| 71/07/15 | | | | 631.20L | 0.00L | 59.41L |

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38 01 15.0 121 48 28.0 2
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/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/07/30 | | | 0.0749 | 0.06L | 1.35L | 5.07L |
| 71/08/03 | | | | 625.30L | 0.00L | 74.71L |
| 71/08/16 | | | | 405.30L | 0.00L | 48.82L |
| 71/08/30 | | | | 130.00L | 0.00L | 41.18L |
| 71/09/01 | | | 0.0325 | 0.26L | 0.36L | 2.15L |
| 71/09/14 | | | | 222.40L | 0.00L | 32.94L |
| 71/09/28 | | | | 82.94L | 0.00L | 29.41L |
| 71/10/13 | | | 0.0152 | 20.33L | 19.66L | 14.30L |
| 71/10/14 | | | | 111.80L | 0.00L | 31.76L |
| 71/10/26 | | | | 262.40L | 1.18L | 22.35L |
| 71/11/09 | | | 0.0391 | 2.39L | 0.23L | 5.06L |
| 71/12/09 | | | 0.0992 | 0.04L | 1.53L | 2.13L |
| 71/12/13 | | | | 37.06L | 0.00L | 5.29L |
| 72/01/10 | | | | 27.23 | 0.13 | 8.20 |
| 72/01/11 | | | 0.0107 | 1.13 | 1.13 | 16.29 |
| 72/02/09 | | | | 7.13 | 0.01 | 4.91 |
| 72/02/14 | | | 0.0163 | 8.25 | 0.03 | 5.36 |
| 72/03/10 | | | 0.0036 | 19.44 | 0.08 | 7.74 |
| 72/04/07 | | | 0.0626 | 359.80 | 0.00 | 37.43 |
| 72/04/20 | | | 0.0563 | 926.00 | 0.29 | 12.46 |
| 72/05/05 | | | 0.0691 | 122.00 | 0.00 | 31.00 |
| 72/05/19 | | | 0.1174 | 413.00 | 0.11 | 60.00 |
| 72/06/06 | | | 0.1203 | 9.41 | 0.22 | 38.59 |
| 72/06/22 | | | 0.0416 | 6.00 | 0.07 | 41.00 |
| 72/07/05 | | | 0.0643 | 6.00 | 0.07 | 17.04 |
| 72/07/18 | | | 0.0603 | 197.00 | 0.00 | 133.20 |
| 72/08/02 | | | 0.0564 | 118.40 | 0.19 | 74.04 |
| 72/08/15 | | | 0.1039 | 170.20 | 0.23 | 86.85 |
| 72/09/13 | | | 0.0439 | 346.70 | 5.81 | 118.40 |
| 72/09/28 | | | 0.1350 | 473.00 | 0.55 | 80.04 |
| 72/10/12 | | | 0.1396 | 123.50 | 0.79 | 29.63 |
| 72/10/27 | | | 0.0543 | 40.00 | 0.00 | 20.20 |
| 72/11/15 | | | 0.0563 | 26.00 | 0.00 | 13.00 |
| 72/12/15 | | | 0.0115 | 5.90 | 0.08 | 5.41 |
| 73/03/15 | | | 0.0018 | 17.19 | 0.74 | 16.88 |
| 73/04/10 | | | 0.0234 | 26.83 | 0.24 | 33.88 |

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38 01 15.0 121 48 28.0 2
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|---|---|---|---|---|---|---|
| 73/04/25 | | | 0.0799 | 180.00 | 0.34 | 62.38 |
| 73/05/09 | | | 0.1549 | 414.90 | 0.10 | 116.10 |
| 73/05/24 | | | 0.0822 | 110.60 | 0.02 | 49.71 |
| 73/06/07 | | | 0.0404 | 80.00 | 0.02L | 42.00 |
| 73/06/26 | | | 0.1010 | 96.47 | 0.17 | 21.17 |
| 73/07/09 | | | 0.0720 | 70.25 | 0.15 | 42.41 |
| 73/07/24 | | | 0.0681 | 56.51 | 0.43 | 42.95 |
| 73/08/07 | | | 0.2090 | 205.30 | 0.38 | 90.75 |
| 73/08/21 | | | 0.0931 | 64.15 | 0.17 | 93.64 |
| 73/09/05 | | | 0.0705 | 122.90 | 0.72 | 79.30 |
| 73/09/18 | | | 0.0764 | 218.80 | 0.24 | 48.04 |
| 73/10/02 | | | 0.0946 | 400.70 | 1.05 | 24.64 |
| 73/10/16 | | | 0.0797 | 233.40 | 0.95 | 41.68 |
| 73/11/16 | | | 0.0634 | 54.46 | 1.34 | 10.91 |
| 74/03/15 | | | 0.0034 | 34.36 | 0.20 | 5.56 |
| 74/04/02 | | | 0.0086 | 39.64 | 0.28 | 13.47 |
| 74/04/17 | | | 0.0014 | 89.79 | 5.28 | 15.67 |
| 74/05/14 | | | 0.0346 | 344.50 | 70.23 | 37.44 |
| 74/05/29 | | | 0.2333 | 147.60 | 7.06 | 33.10 |
| 74/06/12 | | | 0.1586 | 1064.00 | 7.46 | 29.94 |
| 74/06/28 | | | 0.1688 | 259.00 | 0.04 | 20.73 |
| 74/07/11 | | | 0.1634 | 177.80 | 1.38 | 46.37 |
| 74/07/25 | | | 0.0318 | 146.10 | 0.25 | 19.74 |
| 74/08/12 | | | 0.0252 | 104.30 | 1.94 | 18.33 |
| 74/08/26 | | | 0.0339 | 146.00 | 1.06 | 28.90 |
| 74/09/13 | | | 0.0097 | 186.90 | 4.69 | 5.82 |
| 74/09/24 | | | 0.0119 | 272.80 | 7.67 | 15.16 |
| 74/10/08 | | | 0.0161 | 351.20 | 7.20 | 12.30 |
| 74/10/23 | | | 0.0258 | 54.73 | 1.68 | 8.64 |
| 74/11/20 | | | 0.0049 | 12.38 | 2.95 | 6.21 |

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052509 D12 74
38 01 15.0 121 48 28.0 2
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/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/23 | 08 30 | 0003 | 1.2 | | | | | | | | |
| 68/06/17 | 11 30 | 0003 | 1.1 | | | | | | | | |
| 68/07/17 | 12 00 | 0003 | 0.2K | | | | | | | | |
| 68/08/14 | 10 30 | 0003 | 0.2K | | | | | | | | |
| 68/09/26 | 10 00 | 0003 | 0.8 | | | | | | | | |
| 68/10/28 | 11 35 | 0003 | 1.8 | | | | | | | | |
| 68/11/26 | 10 35 | 0003 | 1.0 | | | | | | | | |
| 68/12/17 | 14 10 | 0003 | 1.3 | | | | | | | | |
| 69/01/29 | 13 00 | 0003 | 1.8 | | | | | | | | |
| 69/02/27 | 12 15 | 0003 | 2.0 | | | | | | | | |
| 69/03/28 | 12 40 | 0003 | 1.1 | | | | | | | | |
| 69/05/07 | 09 15 | 0003 | 0.3 | | | | | | | | |
| 69/06/11 | 16 50 | 0003 | 1.1 | | | | | | | | |
| 69/07/23 | 13 45 | 0003 | 1.8 | | | | | | | | |
| 69/08/19 | 10 25 | 0003 | 1.7 | | | | | | | | |
| 69/09/17 | 10 10 | 0003 | 1.7 | | | | | | | | |
| 69/10/20 | 11 45 | 0003 | 3.1 | | | | | | | | |
| 69/11/21 | 12 40 | 0003 | 2.0 | | | | | | | | |
| 70/02/12 | 09 20 | 0003 | 0.4 | | | | | | | | |
| 70/03/19 | 15 30 | 0003 | 0.9 | | | | | | | | |
| 70/04/16 | 13 50 | 0003 | 1.3 | | | | | | | | |
| 70/05/18 | 16 25 | 0003 | 1.1 | | | | | | | | |
| 70/06/15 | 16 05 | 0003 | 2.0 | | | | | | | | |
| 70/07/15 | 16 20 | 0003 | 1.6 | | | | | | | | |
| 70/08/13 | 15 55 | 0003 | 1.6 | | | | | | | | |
| 70/09/09 | 14 20 | 0003 | 1.6 | | | | | | | | |
| 70/10/07 | 12 30 | 0003 | | 2.1 | | | | | | | |
| 70/11/20 | 12 05 | 0003 | 1.1 | | | | | | | | |
| 71/03/03 | 08 35 | 0003 | 0.9 | | 1.0 | 1.5 | 2.0 | 2.5 | | | |
| 71/04/06 | 13 20 | 0003 | 0.6 | | 1.2 | 1.5 | 1.7 | | | | |
| 71/05/05 | 13 40 | 0003 | | | 2.3 | 2.8 | 3.9 | | 3.8 | | 4.6 |
| 71/06/03 | 14 10 | 0003 | | | | 2.8 | 3.3 | | 4.4 | | 4.6 |
| 71/07/01 | 12 25 | 0003 | | | 2.5 | 3.0 | 4.3 | | 4.3 | | 4.5 |
| 71/08/04 | 15 15 | 0003 | | | 1.8 | 2.6 | 3.4 | | 3.9 | | 4.4 |
| 71/09/01 | 15 40 | 0003 | | | 1.6 | 2.5 | 3.0 | | 3.2 | | 4.4 |
| 71/09/29 | 13 40 | 0003 | | | 1.9 | 2.4 | 3.5 | | 4.1 | | 9.1L |

STORET RETRIEVAL DATE 77/03/01

052509 D12 74
38 01 15.0 121 48 28.0 2
SAN JOAQUIN RV AT ANTIOCH-D12
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/10/27 | 12 50 | 0003 | | | 1.2 | 1.7 | 2.2 | | 2.9 | | 3.4 |
| 71/11/17 | 15 35 | 0003 | | | 0.7 | 1.7 | 2.1 | | 2.7 | | 2.7 |
| 71/12/13 | 14 10 | 0003 | | | 1.5 | 1.9 | 2.4 | | 2.8 | | 3.1 |
| 72/01/10 | 14 15 | 0003 | | | | 7.3 | | | 8.8L | | 8.8L |
| 72/02/11 | 14 25 | 0003 | | | 0.8 | 1.4 | 1.8 | | 2.0 | | 2.8 |
| 72/07/18 | 12 30 | 0003 | | | 1.8 | | | | | | |
| 72/09/21 | 15 30 | 0003 | | | 2.0 | 2.9 | | | | | 5.5 |
| 73/04/10 | 11 15 | 0003 | 1.7 | | | | | | | | |
| 73/05/08 | 11 05 | 0003 | 1.8 | | | | | | | | |
| 73/08/06 | 13 20 | 0003 | 1.0 | | | | | | | | |
| 73/09/04 | 11 40 | 0003 | 0.8 | | | | | | | | |
| 73/10/02 | 10 45 | 0003 | 1.2 | | | | | | | | |
| 73/12/04 | 11 30 | 0003 | 1.2 | | | | | | | | |
| 74/01/15 | 11 10 | 0003 | 1.2 | | | | | | | | |
| 74/02/13 | 10 40 | 0003 | 1.4 | | | | | | | | |
| 74/03/20 | 15 40 | 0003 | 1.8 | | | | | | | | |
| 74/04/03 | 14 50 | 0003 | 1.4 | | | | | | | | |
| 74/05/01 | 14 20 | 0003 | 1.5 | | | | | | | | |
| 74/06/13 | 12 15 | 0003 | 1.4 | | | | | | | | |
| 74/07/11 | 10 30 | 0003 | 0.9 | | | | | | | | |
| 74/08/14 | 15 30 | 0003 | 0.8 | | | | | | | | |
| 74/09/11 | 15 40 | 0003 | 1.3 | | | | | | | | |
| 74/10/09 | 12 35 | 0003 | 0.9 | | | | | | | | |
| 74/12/11 | 15 05 | 0003 | 1.1 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 45 10 LATITUDE - 38 01 40

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED NEAR INDUSTRIAL AREA, IN A NAV. CHANNEL, WITHIN TIDAL EXCURSION OF THE PROPOSED DRAIN DISCHARGE POINT.

SAMPLING POINT - SAN JOAQUIN RIVER, MIDCHANNEL, 400 YDS. WEST OF ANTIOCH BRIDGE, NORTH OF RED BOUY 12 FL R 4SEC. DEPTH AT SITE IS 24FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANLYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 10 20 | 0003 | 24.32C | | | | | | | | | | |
| 68/10/28 | 11 50 | 0003 | 19.00C | | | | | | | | | | |
| 68/11/26 | 10 50 | 0003 | 5.02C | | | | | | | | | | |
| 68/12/17 | 14 25 | 0003 | 3.65C | | | | | | | | | | |
| 69/01/29 | 13 40 | 0003 | 1.98C | | | | | | | | | | |
| 69/02/27 | 12 45 | 0003 | 2.43C | | | | | | | | | | |
| 69/03/28 | 13 15 | 0003 | 4.64C | | | | | | | | | | |
| 69/05/07 | 09 40 | 0003 | 6.99C | | | | | | | | | | |
| 69/05/14 | 18 40 | 0003 | | | | | | 0.74M | 1.22 | 1.63 | 1.96 | 0.29 | |
| 69/06/11 | 17 15 | 0003 | 4.94C | | | | | 1.53M | 1.22 | 1.42 | 2.76 | 0.41 | |
| 69/07/23 | 14 05 | 0003 | 28.12C | | | | | 1.55M | 3.15 | 2.71 | 4.69 | 0.70 | |
| 69/08/20 | 13 20 | 0003 | 14.44C | | | | | 0.26 | 1.80 | 1.93 | 1.54 | 0.23 | |
| 69/09/18 | 12 05 | 0003 | 12.00 | 0.58 | 12.00 | 14.00 | 47 | 1.39M | 2.90 | 2.09 | 4.29 | 0.64 | |
| 69/10/20 | 12 20 | 0003 | 15.00 | 0.95M | 6.20 | 8.20 | 64 | | | | | | |
| 69/11/21 | 13 40 | 0003 | 11.40C | | | | | | | | | | |
| 70/02/11 | 10 30 | 0003 | 1.60C | | | | | | | | | | |
| 70/04/15 | 12 15 | 0003 | 9.12C | | | | | | | | | | |
| 70/05/20 | 18 40 | 0003 | 18.00 | 0.25M | 3.10 | 8.80 | 67 | | | | | | |
| 70/06/17 | 17 25 | 0003 | 20.00 | 0.25M | 2.90 | 11.00 | 64 | | | | | | |
| 70/07/16 | 17 45 | 0003 | 15.00 | 0.08 | 1.90 | 8.80 | 63 | | | | | | |
| 70/08/14 | 16 55 | 0003 | 14.00 | 0.39M | 3.00 | 8.60 | 61 | | | | | | |
| 70/09/11 | 16 00 | 0003 | 17.00 | 0.01 | 2.30 | 6.70 | 71 | | | | | | |
| 70/10/09 | 14 30 | 0003 | 15.00 | 0.53M | 2.70 | 5.70 | 73 | | | | | | |
| 70/11/20 | 13 15 | 0003 | 10.00 | 0.22M | 2.90 | 3.70 | 73 | | | | | | |
| 71/03/03 | 09 20 | 0003 | 2.90 | 0.00 | 0.00 | 1.50 | 66 | | | | | | |
| 71/03/24 | 14 30 | 0003 | 4.70 | 0.23 | 1.80 | 2.40 | 65 | | | | | | |
| 71/04/06 | 14 20 | 0003 | 5.00 | 0.00 | 0.10 | 1.60 | 75 | | | | | | |
| 71/04/21 | 13 30 | 0003 | 14.00 | 0.00 | 3.10 | 3.90 | 77 | | | | | | |
| 71/05/05 | 14 00 | 0003 | 34.00 | 0.00 | 10.00 | 7.60 | 81 | 2.68M | 2.02 | 1.80 | 4.69 | 0.70 | |
| 71/05/19 | 14 30 | 0003 | 12.00 | 0.05 | 1.90 | 5.90 | 66 | | | | | | |
| 71/06/03 | 14 30 | 0003 | 20.00 | 0.00 | 4.70 | 3.90 | 83 | 0.23M | 2.29 | 1.75 | 2.51 | 0.38 | |
| 71/06/16 | 12 45 | 0003 | 15.00 | 0.00 | 1.70 | 3.00 | 82 | | | | | | |
| 71/07/01 | 12 50 | 0003 | 11.00 | 0.06 | 4.00 | 6.50 | 62 | 1.75M | 2.50 | 1.80 | 4.25 | 0.63 | |
| 71/07/15 | 12 50 | 0003 | 10.00 | 0.00 | 3.20 | 8.20 | 55 | | | | | | |
| 71/08/04 | 15 35 | 0003 | 19.00 | 0.52 | 5.70 | 6.80 | 73 | 1.43M | 3.06 | 3.05 | 4.50 | 0.67 | 3.52 |
| 71/08/17 | 17 05 | 0003 | 12.00 | 0.29 | 3.60 | 7.30 | 62 | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/09/01 | 16 00 | 0003 | 16.00 | 0.00 | 2.70 | 6.80 | 69 | 1.06 | 2.74 | 2.30 | 1.68 | 0.25 | 2.80 |
| 71/09/15 | 15 40 | 0003 | 16.00 | 0.68 | 3.70 | 8.00 | 66 | | | | | | |
| 71/09/29 | 14 05 | 0003 | 22.00 | 0.00 | 4.40 | 8.80 | 71 | 0.15M | 2.92 | 1.95 | 3.08 | 0.46 | 2.20 |
| 71/10/15 | 14 55 | 0003 | 23.00 | 0.65 | 3.20 | 12.00 | 66 | | | | | | |
| 71/10/27 | 13 10 | 0003 | 17.00 | 0.01 | 3.80 | 6.80 | 71 | 0.57 | 2.05 | 1.51 | 1.48 | 0.22 | 1.44 |
| 71/11/17 | 15 55 | 0003 | 16.00 | 0.00 | 2.50 | 4.60 | 77 | | | | | | |
| 72/03/09 | 11 45 | 0003 | 8.70 | 0.00 | 2.70 | 1.50 | 85 | | | | | | |
| 72/03/23 | 12 00 | 0003 | 16.00 | 0.00 | 0.86 | 2.70 | 85 | 1.49M | 1.88 | 1.10 | 3.37 | 0.50 | |
| 72/04/10 | 16 10 | 0003 | 22.00 | 1.90 | 3.50 | 11.00 | 66 | | | | | | |
| 72/05/09 | 15 10 | 0003 | 17.00 | 1.20 | 3.40 | 7.70 | 68 | | | | | | |
| 72/05/23 | 14 45 | 0003 | 23.00 | 0.43 | 6.40 | 10.00 | 69 | 1.75 | 4.17 | 1.84 | 2.41 | 0.36 | |
| 72/06/07 | 15 15 | 0003 | 7.50 | 0.35 | 0.57 | 8.00 | 48 | | | | | | |
| 72/07/05 | 14 30 | 0003 | 19.00 | 0.43 | 1.70 | 5.10 | 79 | | | | | | |
| 72/07/18 | 13 00 | 0003 | 18.00 | 1.60 | 4.90 | 10.00 | 63 | 0.01M | 3.38 | 1.91 | 3.39 | 0.51 | |
| 72/08/07 | 16 45 | 0003 | 18.00 | 0.74 | 3.20 | 11.00 | 62 | | | | | | |
| 72/08/22 | 16 00 | 0003 | 19.00 | 0.75 | 5.10 | 11.00 | 62 | 2.48M | 2.29 | 1.81 | 4.47 | 0.71 | |
| 72/09/07 | 18 20 | 0003 | 18.00 | 2.00 | 3.50 | 6.60 | 73 | | | | | | |
| 72/09/21 | 15 50 | 0003 | 21.00 | 1.30 | 3.10 | 11.00 | 65 | 1.38M | 1.74 | 1.00 | 3.13 | 0.47 | |
| 72/10/04 | 16 30 | 0003 | 29.00 | 0.43 | 7.60 | 9.90 | 74 | | | | | | |
| 72/10/17 | 14 05 | 0003 | 15.00 | 0.60 | 3.40 | 8.70 | 63 | | | | | | |
| 72/11/16 | 13 45 | 0003 | 4.10 | 0.25 | 0.58 | 2.40 | 62 | | | | | | |
| 72/12/13 | 12 30 | 0003 | 1.30 | 0.07 | 0.34 | 1.40 | 46 | | | | | | |
| 73/01/15 | 13 05 | 0003 | 1.30 | | | 1.10 | 54 | | | | | | |
| 73/02/14 | 15 40 | 0003 | 1.50 | | | 1.30 | 54 | | | | | | |
| 73/03/13 | 11 40 | 0003 | 2.10 | | | 1.20 | 63 | 0.13M | 0.30 | 0.18 | 0.43 | 0.06 | |
| 73/03/27 | 11 10 | 0003 | 2.80 | | | 1.30 | 68 | | | | | | |
| 73/04/10 | 11 55 | 0003 | 7.90 | | | 3.90 | 66 | 1.09 | 1.37 | 0.55 | 0.28 | 0.04 | |
| 73/04/24 | 09 30 | 0003 | 39.00 | | | 11.00 | 78 | | | | | | |
| | 09 31 | 0015 | 40.00 | | | 9.90 | 80 | | | | | | |
| | 09 32 | 0025 | 38.00 | | | 9.10 | 81 | | | | | | |
| | 09 33 | 0030 | 39.00 | | | 8.80 | 82 | | | | | | |
| 73/05/08 | 11 50 | 0003 | 20.00 | | | 11.00 | 65 | 0.61M | 2.34 | 1.16 | 2.95 | 0.44 | |
| 73/05/29 | 15 30 | 0003 | 10.00 | | | 7.10 | 59 | | | | | | |
| 73/06/11 | 15 50 | 0003 | 8.80 | | | 5.90 | 60 | 0.44M | 1.83 | 1.32 | 2.27 | 0.34 | |
| | 15 51 | 0025 | 7.40 | | | 5.70 | 56 | | | | | | |
| 73/06/25 | 13 40 | 0003 | 5.50 | | | 5.30 | 51 | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/06/25 | 13 41 | 0025 | 5.10 | | | 5.10 | 50 | | | | | |
| 73/07/09 | 14 35 | 0003 | 5.10 | | | 5.50 | 49 | 0.84M | 0.95 | 0.56 | 1.80 | 0.27 |
| | 14 36 | 0025 | 6.40 | | | 7.50 | 46 | | | | | |
| 73/08/06 | 13 55 | 0003 | 8.00 | | | 4.80 | 62 | 0.01 | 1.62 | 1.08 | 1.61 | 0.24 |
| | 13 56 | 0025 | 7.90 | | | 4.70 | 62 | | | | | |
| 73/08/21 | 11 00 | 0003 | 7.50 | | | 6.20 | 55 | | | | | |
| | 11 01 | 0025 | 7.50 | | | 10.00 | 43 | | | | | |
| 73/09/04 | 12 05 | 0003 | 6.40 | | | 6.00 | 52 | 0.77M | 1.33 | 0.90 | 2.10 | 0.31 |
| | 12 06 | 0025 | 7.40 | | | 5.90 | 55 | | | | | |
| 73/09/18 | 11 00 | 0003 | 8.00 | | | 2.80 | 73 | | | | | |
| 73/10/02 | 11 15 | 0003 | 6.90 | | | 3.50 | 66 | 1.59M | 1.29 | 0.66 | 2.88 | 0.43 |
| 73/10/30 | 08 30 | 0003 | 8.00 | | | 4.10 | 66 | | | | | |
| 73/12/04 | 12 00 | 0003 | 1.10 | | | 1.00 | 52 | | | | | |
| 74/01/15 | 11 45 | 0003 | 1.00 | | | 1.00 | 49 | | | | | |
| 74/02/13 | 11 15 | 0003 | 1.70 | | | 0.87 | 66 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 10 50 | 0003 | 0 | 0 | 0 | 10 | 20 | 0 | 220 | 250 |
| 68/12/17 | 14 25 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 130 | 140 |
| 69/01/29 | 13 40 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 60 | 90 |
| 69/02/27 | 12 45 | 0003 | 0 | 10 | 0 | 0 | 0 | 0 | 100 | 110 |
| 69/03/28 | 13 15 | 0003 | 0 | 0 | 0 | 0 | 110 | 0 | 120 | 230 |
| 69/05/07 | 09 40 | 0003 | 80 | 0 | 0 | 20 | 70 | 0 | 700 | 870 |
| 69/06/11 | 17 15 | 0003 | 40 | 0 | 0 | 10 | 30 | 0 | 220 | 300 |
| 69/07/23 | 14 05 | 0003 | 210 | 0 | 0 | 10 | 0 | 0 | 3970 | 4190 |
| 69/08/20 | 13 20 | 0003 | 50 | 0 | 0 | 20 | 20 | 10 | 1900 | 2000 |
| 69/09/18 | 12 05 | 0003 | 300 | 0 | 0 | 0 | 20 | 0 | 1720 | 2040 |
| 69/10/20 | 12 20 | 0003 | 80 | 0 | 0 | 10 | 70 | 0 | 2270 | 2430 |
| 69/11/21 | 13 40 | 0003 | 170 | 0 | 0 | 10 | 60 | 0 | 1420 | 1660 |
| 70/02/11 | 10 30 | 0003 | 0 | 6 | 0 | 0 | 0 | 0 | 150 | 150 |
| 70/04/15 | 12 15 | 0003 | 330 | 0 | 0 | 0 | 60 | 0 | 1050 | 1440 |
| 70/05/20 | 18 40 | 0003 | 450 | 0 | 0 | 0 | 150 | 0 | 2980 | 3580 |
| 70/06/17 | 17 25 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 900 | 960 |
| 70/07/16 | 17 45 | 0003 | 180 | 0 | 0 | 0 | 90 | 0 | 1710 | 1980 |
| 70/08/14 | 16 55 | 0003 | 150 | 0 | 0 | 0 | 180 | 0 | 1230 | 1560 |
| 70/09/11 | 16 00 | 0003 | 210 | 0 | 0 | 0 | 480 | 0 | 3190 | 3880 |
| 70/10/09 | 14 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1470 | 1470 |
| 70/11/20 | 13 15 | 0003 | 0 | 0 | 0 | 0 | 510 | 0 | 3600 | 4110 |
| 71/03/03 | 09 20 | 0003 | 90 | 0 | 0 | 0 | 180 | 0 | 480 | 750 |
| 71/04/06 | 14 20 | 0003 | 270 | 0 | 0 | 0 | 240 | 0 | 450 | 960 |
| 71/05/05 | 14 00 | 0003 | 420 | 0 | 0 | 0 | 360 | 0 | 6820 | 7600 |
| 71/06/03 | 14 30 | 0003 | 690 | 0 | 0 | 0 | 240 | 0 | 4580 | 5510 |
| 71/07/01 | 12 50 | 0003 | 870 | 0 | 0 | 0 | 660 | 0 | 2840 | 4370 |
| 71/08/04 | 15 35 | 0003 | 330 | 0 | 0 | 0 | 270 | 0 | 4040 | 4640 |
| 71/09/01 | 16 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 515 | 515 |
| 71/09/29 | 14 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1543 | 1543 |
| 71/10/27 | 13 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 935 | 935 |
| 71/11/17 | 15 55 | 0003 | 8 | 0 | 0 | 0 | 0 | 0 | 708 | 716 |
| 72/03/23 | 12 00 | 0003 | 6 | 0J | 0 | 0J | 20 | 0J | 536 | 562J |
| 72/05/23 | 14 45 | 0003 | 44J | 0J | 0J | 0J | 2J | 2J | 642J | 690J |
| 72/08/22 | 16 00 | 0003 | 32J | 0J | 0J | 2J | 0J | 0J | 336J | 370J |
| 72/09/21 | 15 50 | 0003 | 35 | 0 | 0 | 0 | 0 | 0 | 772 | 807 |
| 72/10/17 | 14 05 | 0003 | 24 | 0 | 0 | 24 | 9 | 0 | 1279 | 1336 |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/11/16 | 13 45 | 0003 | 38 | 0 | 0 | 0 | 0 | 0 | 203 | 241 |
| 72/12/13 | 12 30 | 0003 | 5 | 0 | 0 | 0 | 0 | 0 | 88 | 93 |
| 73/01/15 | 13 05 | 0003 | 30 | 0 | 10 | 0 | 0 | 0 | 60 | 100 |
| 73/02/14 | 15 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/13 | 11 40 | 0003 | 30 | 0 | 10 | 0 | 0 | 20 | 91 | 151 |
| 73/03/27 | 11 10 | 0003 | 12 | 0 | 0 | 0 | 12 | 0 | 96 | 120 |
| 73/04/10 | 11 55 | 0003 | 171 | 0 | 61 | 0 | 0 | 0 | 493 | 725 |
| 73/04/24 | 09 30 | 0003 | 120 | 0 | 0 | 0 | 12 | 0 | 1284 | 1416 |
| 73/05/08 | 11 50 | 0003 | 120 | 0 | 0 | 0 | 0 | 0 | 3190 | 3310 |
| 73/06/11 | 15 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 600 | 600 |
| 73/06/25 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 24 | 0 | 312 | 336 |
| 73/07/09 | 14 35 | 0003 | 12 | 0 | 0 | 12 | 24 | 0 | 360 | 408 |
| 73/08/06 | 13 55 | 0003 | 48 | 0 | 0 | 0 | 0 | 0 | 360 | 408 |
| 73/08/21 | 11 00 | 0003 | 36 | 0 | 0 | 0 | 240 | 0 | 324 | 600 |
| 73/09/04 | 12 05 | 0003 | 48 | 0 | 0 | 0 | 24 | 0 | 696 | 768 |
| 73/09/18 | 11 00 | 0003 | 100 | 0 | 10 | 0 | 30 | 0 | 1161 | 1301 |
| 73/10/02 | 11 15 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 475 | 495 |
| 73/10/30 | 08 30 | 0003 | 71 | 0 | 30 | 0 | 51 | 10 | 767 | 929 |
| 73/12/04 | 12 00 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 20 | 30 |
| 74/01/15 | 11 45 | 0003 | 92 | 0 | 0 | 0 | 0 | 0 | 32 | 124 |
| 74/02/13 | 11 15 | 0003 | 25 | 0 | 0 | 0 | 0 | 0 | 127 | 152 |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0023 | | | |
| 69/02/06 | | | 0.0008 | | | |
| 69/03/09 | | | 0.0007 | | | |
| 69/05/26 | | | 0.0114 | | | |
| 69/06/25 | | | 0.0578 | | | |
| 69/07/24 | | | 0.0586 | | | |
| 69/08/20 | | | 0.0265 | | | |
| 69/09/18 | | | 0.0006 | | | |
| 69/10/21 | | | 0.0033 | | | |
| 69/11/15 | | | 0.0053 | | | |
| 69/12/19 | | | 0.0093 | | | |
| 70/01/13 | | | 0.0025 | | | |
| 70/02/12 | | | 0.0017 | | | |
| 70/03/15 | | | 0.0011 | | | |
| 70/04/13 | | | 0.0498 | | | |
| 70/05/12 | | | 0.0540 | | | |
| 70/06/10 | | | 0.0467 | | | |
| 70/07/09 | | | 0.0782 | | | |
| 70/08/25 | | | 0.0825 | | | |
| 70/09/23 | | | 0.0137 | | | |
| 70/10/24 | | | 0.0037 | | | |
| 70/11/17 | | | 0.0055 | | | |
| 70/12/19 | | | 0.0113 | | | |
| 71/01/18 | | | 0.0005 | | | |
| 71/02/17 | | | 0.0031 | | | |
| 71/03/04 | | | 0.0070 | | | |
| 71/03/23 | | | | 17.06L | 0.00L | 10.00L |
| 71/04/06 | | | | 42.94L | 0.59L | 8.23L |
| 71/04/08 | | | 0.0341 | 0.02L | 0.01L | 0.13L |
| 71/04/21 | | | | 66.47L | 0.00L | 6.47L |
| 71/05/03 | | | 0.0333 | 1.73L | 1.63L | 3.13L |
| 71/05/04 | | | | 168.20L | 0.00L | 11.76L |
| 71/05/19 | | | | 0.00L | 0.00L | 0.00L |
| 71/06/02 | | | 0.0896 | 0.52L | 0.00L | 2.17L |
| 71/06/15 | | | | 1193.00L | 0.00L | 28.82L |
| 71/07/01 | | | 0.0652 | 2.00L | 0.00L | 16.00L |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/07/15 | | | | 1005.00L | 0.00L | 58.82L |
| 71/07/29 | | | 0.1404 | 0.87L | 10.93L | 10.60L |
| 71/08/03 | | | | 542.40L | 0.00L | 102.90L |
| 71/08/16 | | | | 568.80L | 0.00L | 70.00L |
| 71/08/30 | | | | 139.40L | 0.00L | 67.65L |
| 71/09/01 | | | 0.0479 | 7.00L | 2.78L | 9.00L |
| 71/09/28 | | | | 350.60L | 2.35L | 20.59L |
| 71/10/12 | | | 0.0195 | | | |
| 71/10/14 | | | | 99.41L | 0.00L | 44.12L |
| 71/10/26 | | | | 361.20L | 2.35L | 31.18L |
| 71/11/08 | | | 0.0299 | | | |
| 71/12/08 | | | 0.0293 | 0.06L | 2.81L | 2.93L |
| 72/01/10 | | | 0.0112 | 19.80 | 0.06 | 5.92 |
| 72/02/09 | | | 0.0045 | 6.51 | 0.04 | 8.32 |
| 72/03/10 | | | 0.0042 | 34.24 | 0.08 | 11.81 |
| 72/04/07 | | | 0.0699 | 600.60 | 0.11 | 35.99 |
| 72/04/20 | | | 0.0441 | 1129.00 | 0.00 | 32.33 |
| 72/05/03 | | | 0.0610 | 102.80 | 0.09 | 47.25 |
| 72/05/19 | | | 0.0663 | 171.80 | 1.20 | 106.20 |
| 72/06/06 | | | 0.0978 | 24.79 | 1.78 | 20.13 |
| 72/06/22 | | | 0.0031 | 25.00 | 0.20 | 76.00 |
| 72/07/05 | | | 0.0412 | 25.92 | 0.33 | 28.02 |
| 72/07/18 | | | 0.0513 | 33.34 | 0.53 | 96.80 |
| 72/08/02 | | | 0.0250 | 229.40 | 0.61 | 64.02 |
| 72/08/15 | | | 0.0251 | 625.40 | 0.96 | 91.08 |
| 72/09/13 | | | 0.0263 | 359.80 | 2.46 | 95.42 |
| 72/09/28 | | | 0.0458 | 522.50 | 1.72 | 77.02 |
| 72/10/12 | | | 0.0882 | 258.80 | 1.00 | 72.47 |
| 72/10/27 | | | 0.0755 | 50.07 | 0.03 | 51.02 |
| 72/11/15 | | | 0.0282 | 16.00 | 0.61 | 24.00 |
| 72/12/19 | | | 0.0100 | 6.00 | 0.07 | 8.00 |
| 73/03/15 | | | 0.0031 | 15.07 | 0.90 | 13.35 |
| 73/04/10 | | | 0.0122 | 37.32 | 0.43 | 25.08 |
| 73/04/25 | | | 0.1182 | 288.60 | 3.57 | 67.57 |
| 73/05/09 | | | 0.1807 | 421.20 | 4.52 | 38.66 |
| 73/05/24 | | | 0.1658 | 161.80 | 0.01 | 42.12 |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/06/07 | | | 0.0120 | 44.12 | 0.07 | 23.57 |
| 73/06/26 | | | 0.0679 | 121.20 | 0.21 | 15.70 |
| 73/07/09 | | | 0.0378 | 120.70 | 0.70 | 34.77 |
| 73/07/24 | | | 0.0300 | 139.90 | 2.07 | 72.87 |
| 73/08/07 | | | 0.0423 | 204.80 | 0.59 | 82.96 |
| 73/08/21 | | | 0.1000 | 89.59 | 12.42 | 67.74 |
| 73/09/05 | | | 0.0969 | 147.60 | 0.80 | 64.82 |
| 73/09/18 | | | 0.0794 | 276.60 | 0.83 | 29.20 |
| 73/10/02 | | | 0.0426 | 606.70 | 2.45 | 24.15 |
| 73/10/16 | | | 0.0383 | 290.70 | 2.29 | 32.80 |
| 73/11/16 | | | 0.0105 | 50.18 | 4.73 | 4.65 |
| 74/03/14 | | | 0.0066 | 26.85 | 0.12 | 5.74 |
| 74/04/01 | | | 0.0009 | 47.25 | 0.18 | 10.73 |
| 74/04/16 | | | 0.0098 | 98.96 | 2.03 | 9.40 |
| 74/05/13 | | | 0.0606 | 337.10 | 57.76 | 42.64 |
| 74/05/28 | | | 0.1814 | 779.50 | 12.51 | 31.55 |
| 74/06/12 | | | 0.0789 | 1086.00 | 4.43 | 43.36 |
| 74/06/25 | | | 0.0014 | 742.70 | 0.56 | 22.92 |
| 74/07/10 | | | 0.1878 | 313.60 | 0.23 | 46.17 |
| 74/07/24 | | | 0.0912 | 185.90 | 0.47 | 23.78 |
| 74/08/08 | | | 0.0510 | 115.50 | 1.83 | 11.39 |
| 74/08/23 | | | 0.0179 | 240.80 | 2.91 | 45.68 |
| 74/09/10 | | | 0.0032 | 399.70 | 7.97 | 14.82 |
| 74/09/23 | | | 0.0136 | 243.00 | 5.41 | 15.22 |
| 74/10/07 | | | 0.0214 | 210.50 | 1.89 | 11.42 |
| 74/10/22 | | | 0.0542 | 114.30 | 5.40 | 7.14 |
| 74/11/19 | | | 0.0147 | 4.02 | 6.28 | 3.86 |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/23 | 08 50 | 0003 | 1.1 | | | | | | | | |
| 68/06/17 | 11 55 | 0003 | 1.6 | | | | | | | | |
| 68/07/17 | 12 20 | 0003 | 0.6 | | | | | | | | |
| 68/08/14 | 10 50 | 0003 | 0.5 | | | | | | | | |
| 68/09/26 | 10 20 | 0003 | 0.8 | | | | | | | | |
| 68/10/28 | 11 50 | 0003 | 1.2 | | | | | | | | |
| 68/11/26 | 10 50 | 0003 | 1.8 | | | | | | | | |
| 68/12/17 | 14 25 | 0003 | 0.9 | | | | | | | | |
| 69/01/29 | 13 40 | 0003 | 2.0 | | | | | | | | |
| 69/02/27 | 12 45 | 0003 | 1.1 | | | | | | | | |
| 69/03/28 | 13 15 | 0003 | 1.3 | | | | | | | | |
| 69/05/07 | 09 40 | 0003 | 0.8 | | | | | | | | |
| 69/06/11 | 17 15 | 0003 | 1.2 | | | | | | | | |
| 69/07/23 | 14 05 | 0003 | 2.5 | | | | | | | | |
| 69/08/20 | 13 20 | 0003 | 1.9 | | | | | | | | |
| 69/09/18 | 12 05 | 0003 | 1.5 | | | | | | | | |
| 69/10/20 | 12 20 | 0003 | 4.2 | | | | | | | | |
| 69/11/21 | 13 40 | 0003 | 2.6 | | | | | | | | |
| 70/02/11 | 10 30 | 0003 | 0.8 | | | | | | | | |
| 70/03/13 | 12 45 | 0003 | 0.9 | | | | | | | | |
| 70/04/15 | 12 15 | 0003 | 1.3 | | | | | | | | |
| 70/05/20 | 18 40 | 0003 | 1.3 | | | | | | | | |
| 70/06/17 | 17 25 | 0003 | 2.9 | | | | | | | | |
| 70/07/16 | 17 45 | 0003 | 1.7 | | | | | | | | |
| 70/08/14 | 16 55 | 0003 | 1.2 | | | | | | | | |
| 70/09/11 | 16 00 | 0003 | 1.0 | | | | | | | | |
| 70/10/09 | 14 30 | 0003 | 2.1 | | | | | | | | |
| 70/11/20 | 13 15 | 0003 | 0.9 | | | | | | | | |
| 71/03/03 | 09 20 | 0003 | 0.8 | | 1.0 | 1.6 | 2.2 | 2.2 | | | |
| 71/04/06 | 14 20 | 0003 | 0.7 | | 1.2 | 1.6 | 2.0 | 2.2 | | | |
| 71/05/05 | 14 00 | 0003 | | | 2.1 | 2.9 | 4.1 | | 3.6 | | 5.0 |
| 71/06/03 | 14 30 | 0003 | | | | 3.3 | 3.9 | | 4.6 | | 4.8 |
| 71/07/01 | 12 50 | 0003 | | | 2.1 | 2.8 | 3.5 | | 4.1 | | 4.4 |
| 71/08/04 | 15 35 | 0003 | | | 2.1 | 2.9 | 3.4 | | 4.0 | | 4.4 |
| 71/09/01 | 16 00 | 0003 | | | 1.7 | 2.3 | 2.9 | | 4.4 | | 4.6 |
| 71/09/29 | 14 05 | 0003 | | | 1.8 | 2.5 | 3.6 | | 4.9 | | 5.6 |

STORET RETRIEVAL DATE 77/03/01

052510 D13 76
38 01 40.0 121 45 10.0 2
SAN JOAQUIN R. AT ANTIOCH BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/10/27 | 13 10 | 0003 | | | 1.2 | 2.4 | 3.4 | | 4.0 | | 4.4 |
| 71/11/17 | 15 55 | 0003 | | | 1.5 | 2.2 | 2.9 | | 3.3 | | 4.0 |
| 72/07/18 | 13 00 | 0003 | | | 1.3 | | | | | | |
| 72/09/21 | 15 50 | 0003 | | | 2.0 | 3.2 | | | | | 5.5 |

STORET RETRIEVAL DATE 77/03/01

052511 D14
38 00 50.0 121 43 50.0 2
BIG BREAK-D14
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0015 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 43 50 LATITUDE - 38 00 50

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED AT THE EDGE OF A SUBMERGED ISLAND THAT IS WITHIN THE TIDAL EXCURSION OF THE PROPOSED DRAIN DISCHARGE POINT.

SAMPLING POINT - AT A PIER LOCATED IN BIG BREAK RESORT. DEPTH AT SITE IS 5 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION. SAMPLING DISCONTINUED DEC 1968 IN FAVOR OF A MORE REPRESENTATIVE SITE. (SEE STA. D14A-052523)

FOR LABORATORY PERFORMING ANALYSIS. SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052511 D14
38 00 50.0 121 43 50.0 2
BIG BREAK-D14
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/10/28 | 12 00 | 0003 | 9.8BC | | | | | | | | | |
| 68/12/17 | 13 35 | 0003 | 3.57C | | | | | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/23 | 09 20 | 0003 | 1.7 | | | | | | | | |
| 68/07/17 | 13 00 | 0003 | 0.4 | | | | | | | | |
| 68/08/15 | 12 00 | 0003 | 2.6 | | | | | | | | |
| 68/09/27 | 11 50 | 0000 | 1.0 | | | | | | | | |
| 68/10/28 | 12 00 | 0003 | 0.2K | | | | | | | | |
| 68/12/17 | 13 35 | 0000 | 1.0 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 42 40 LATITUDE - 38 01 00

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN THE MIDDLE OF A SUBMERGED ISLAND THAT IS WITHIN THE TIDAL EXCURSION OF THE PROPOSED DRAIN DISCHARGE POINT.

SAMPLING POINT - LOCATED 500 YARDS FROM THE POINT ON A MAGNETIC BEARING OF 315 DEGREES. DEPTH AT SITE IS 5 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 11 05 | 0003 | 3.50C | | | | | | | | | | |
| 69/02/25 | 10 35 | 0003 | 2.81C | | | | | | | | | | |
| 69/03/28 | 13 50 | 0003 | 6.99C | | | | | | | | | | |
| 69/05/07 | 10 00 | 0003 | 7.60C | | | | | | | | | | |
| 69/05/14 | 19 00 | 0003 | | | | | | 0.28 | 0.87 | 1.76 | 0.58 | 0.38 | |
| 69/06/11 | 17 35 | 0003 | 6.46C | | | | | 0.74 | 1.29 | 2.19 | 0.56 | 0.37 | |
| 69/07/23 | 14 25 | 0003 | 41.80C | | | | | 0.60 | 1.65 | 3.47 | 1.05 | 0.69 | |
| 69/08/20 | 13 40 | 0003 | 15.20C | | | | | 1.56 | 2.19 | 1.99 | 0.62 | 0.41 | |
| 69/09/18 | 12 25 | 0003 | 27.00 | 2.00M | 11.00 | 5.10 | 84 | 1.60 | 2.04 | 2.15 | 0.44 | 0.29 | |
| 69/10/20 | 12 50 | 0003 | 16.00 | 1.10M | 5.20 | 4.70 | 77 | | | | | | |
| 69/11/20 | 15 35 | 0003 | 10.64C | | | | | | | | | | |
| 70/02/11 | 10 55 | 0003 | 2.36C | | | | | | | | | | |
| 70/03/16 | 13 30 | 0003 | 5.17C | | | | | | | | | | |
| 70/04/16 | 14 20 | 0003 | 9.12C | | | | | 0.79 | 1.16 | 1.36 | 0.37 | 0.24 | |
| 70/05/18 | 16 55 | 0003 | 23.00 | 0.18M | 4.20 | 8.00 | 74 | 3.08 | 3.99 | 3.25 | 0.91 | 0.60 | |
| 70/06/15 | 16 45 | 0003 | 24.00 | 0.12 | 4.00 | 12.00 | 67 | 1.44 | 2.20 | 3.00 | 0.76 | 0.50 | |
| 70/07/15 | 16 55 | 0003 | 23.00 | 0.62 | 4.50 | 13.00 | 63 | 1.49 | 2.10 | 4.60 | 0.61 | 0.40 | |
| 70/08/13 | 16 30 | 0003 | 16.00 | 0.10M | 2.30 | 7.50 | 69 | 2.13 | 2.66 | 3.93 | 0.53 | 0.35 | |
| 70/09/09 | 15 05 | 0003 | 15.00 | 0.07M | 1.60 | 7.40 | 67 | 2.18 | 2.65 | 2.45 | 0.48 | 0.31 | |
| 70/10/07 | 13 05 | 0003 | 14.00 | 0.62M | 2.40 | 8.50 | 63 | 0.76 | 1.09 | 1.88 | 0.34 | 0.22 | |
| 70/11/23 | 12 10 | 0003 | 7.50 | | | 3.40 | 68 | | | | | | |
| 71/03/03 | 09 40 | 0003 | 3.20 | 0.00 | 0.00 | 1.70 | 65 | | | | | | |
| 71/03/24 | 15 15 | 0003 | 5.30 | 0.36 | 1.30 | 2.20 | 70 | | | | | | |
| 71/04/06 | 14 40 | 0003 | 4.30 | 0.00 | 0.13 | 1.90 | 69 | | | | | | |
| 71/04/21 | 14 15 | 0003 | 9.80 | 0.00 | 1.70 | 3.50 | 73 | | | | | | |
| 71/05/05 | 14 25 | 0003 | 30.00 | 0.00 | 9.10 | 8.40 | 78 | 1.77 | 2.28 | 2.50 | 0.51 | 0.33 | |
| 71/05/19 | 15 10 | 0003 | 13.00 | 0.00 | 3.50 | 6.10 | 67 | | | | | | |
| 71/06/03 | 14 50 | 0003 | 17.00 | 0.00 | 2.50 | 6.60 | 71 | 1.87 | 2.33 | 2.70 | 0.46 | 0.30 | |
| 71/06/16 | 13 40 | 0003 | 18.00 | 0.00 | 2.90 | 2.70 | 86 | | | | | | |
| 71/07/01 | 13 15 | 0003 | 17.00 | 0.29 | 4.70 | 4.60 | 78 | 0.82 | 1.64 | 1.90 | 0.81 | 0.53 | |
| 71/07/15 | 13 30 | 0003 | 12.00 | 0.62 | 3.20 | 8.70 | 57 | | | | | | |
| 71/08/04 | 16 05 | 0003 | 17.00 | 1.10 | 1.80 | 4.90 | 77 | 1.71 | 2.40 | 2.55 | 0.70 | 0.46 | 3.20 |
| 71/08/17 | 17 25 | 0003 | 12.00 | 0.00 | 3.50 | 6.70 | 64 | | | | | | |
| 71/09/01 | 16 20 | 0003 | 15.00 | 0.00 | 2.00 | 5.30 | 74 | 1.80 | 2.71 | 2.15 | 0.91 | 0.60 | 2.56 |
| 71/09/15 | 16 00 | 0003 | 21.00 | 0.00 | 6.00 | 9.00 | 69 | | | | | | |
| 71/09/29 | 14 30 | 0003 | 23.00 | 0.00 | 6.10 | 7.20 | 75 | 2.96 | 3.92 | 2.60 | 0.97 | 0.64 | 2.74 |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/10/15 | 15 20 | 0003 | 24.00 | 0.83 | 3.70 | 11.00 | 69 | | | | | | |
| 71/10/27 | 13 30 | 0003 | 21.00 | 0.00 | 4.10 | 5.00 | 81 | 1.27 | 1.95 | 1.66 | 0.68 | 0.45 | 1.50 |
| 71/11/17 | 16 15 | 0003 | 18.00 | 0.00 | 3.00 | 4.60 | 79 | | | | | | |
| 71/12/13 | 14 45 | 0003 | 6.50 | 0.00 | 0.88 | 2.00 | 76 | | | | | | |
| 72/01/10 | 14 50 | 0003 | 2.80 | 0.05 | 0.54 | 1.80 | 60 | | | | | | |
| 72/02/11 | 15 00 | 0003 | 3.30 | 0.19 | 0.99 | 2.10 | 60 | | | | | | |
| 72/03/09 | 12 05 | 0003 | 19.00 | 0.00 | 6.60 | 5.40 | 77 | | | | | | |
| 72/03/23 | 12 20 | 0003 | 27.00 | 0.00 | 2.80 | 6.10 | 81 | 2.06 | 2.82 | 2.58 | 0.77 | 0.50 | |
| 72/04/10 | 16 25 | 0003 | 21.00 | 1.20 | 5.00 | 15.00 | 57 | | | | | | |
| 72/05/09 | 15 40 | 0003 | 11.00 | 0.68 | 2.80 | 5.40 | 67 | | | | | | |
| 72/05/23 | 15 10 | 0003 | 20.00 | 0.03 | 2.80 | 8.20 | 71 | 3.56 | 4.05 | 1.85 | 0.49 | 0.32 | |
| 72/06/07 | 15 35 | 0003 | 13.00 | 0.11 | 2.10 | 9.70 | 57 | | | | | | |
| 72/07/05 | 14 50 | 0003 | 23.00 | 0.76 | 2.30 | 9.50 | 70 | | | | | | |
| 72/07/18 | 13 25 | 0003 | 17.00 | 1.20 | 3.10 | 7.30 | 69 | 1.21 | 1.97 | 1.71 | 0.76 | 0.50 | |
| 72/08/07 | 16 55 | 0003 | 15.00 | 1.10 | 2.40 | 6.90 | 69 | | | | | | |
| 72/08/22 | 16 20 | 0003 | 20.00 | 0.11 | 3.70 | 10.00 | 65 | 1.59 | 2.20 | 1.76 | 0.61 | 0.40 | |
| 72/09/07 | 18 55 | 0003 | 21.00 | 2.00 | 3.20 | 9.10 | 70 | | | | | | |
| 72/09/21 | 16 00 | 0003 | 20.00 | 0.62 | 2.80 | 8.90 | 69 | 1.56 | 1.90 | 1.28 | 0.34 | 0.22 | |
| 72/10/04 | 16 45 | 0003 | 20.00 | 0.00 | 4.40 | 7.60 | 72 | | | | | | |
| 72/10/17 | 14 35 | 0003 | 7.50 | 0.37 | 1.40 | 6.20 | 54 | | | | | | |
| 72/11/16 | 14 00 | 0003 | 3.00 | 0.28 | 0.46 | 2.40 | 55 | | | | | | |
| 72/12/13 | 12 45 | 0003 | 0.96 | 0.08 | 0.30 | 0.87 | 52 | | | | | | |
| 73/01/15 | 13 35 | 0003 | 1.10 | | | 1.90 | 38 | | | | | | |
| 73/02/14 | 16 00 | 0003 | 1.40 | | | 1.40 | 50 | | | | | | |
| 73/03/13 | 12 00 | 0003 | 1.90 | | | 1.40 | 58 | 0.12 | 0.18 | 0.19 | 0.05 | 0.04 | |
| 73/03/27 | 11 40 | 0003 | 4.20 | | | 1.70 | 71 | | | | | | |
| 73/04/10 | 12 30 | 0003 | 8.60 | | | 4.90 | 64 | 0.72 | 1.28 | 0.91 | 0.56 | 0.37 | |
| 73/04/24 | 10 15 | 0003 | 40.00 | | | 12.00 | 77 | | | | | | |
| 73/05/08 | 12 15 | 0003 | 16.00 | | | 5.30 | 75 | 1.58 | 2.39 | 1.36 | 0.80 | 0.53 | |
| 73/05/29 | 16 00 | 0003 | 5.30 | | | 3.70 | 59 | | | | | | |
| 73/06/11 | 16 20 | 0003 | 6.10 | | | 3.70 | 62 | 1.78 | 2.14 | 1.22 | 0.36 | 0.23 | |
| 73/06/25 | 14 20 | 0003 | 7.20 | | | 3.60 | 66 | | | | | | |
| 73/07/09 | 15 00 | 0003 | 10.00 | | | 5.30 | 67 | 1.72 | 2.56 | 1.20 | 0.84 | 0.55 | |
| 73/08/06 | 14 15 | 0003 | 10.00 | | | 6.80 | 59 | 1.35 | 1.55 | 1.42 | 0.20 | 0.13 | |
| 73/08/21 | 11 30 | 0003 | 7.40 | | | 4.70 | 61 | | | | | | |
| 73/09/04 | 12 30 | 0003 | 8.70 | | | 5.10 | 63 | 0.18 | 1.57 | 1.23 | 1.39 | 0.21 | |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/09/18 | 11 35 | 0003 | 7.10 | | | 3.10 | 69 | | | | | |
| 73/10/02 | 11 35 | 0003 | 5.50 | | | 4.20 | 57 | 0.71 | 1.09 | 0.65 | 0.38 | 0.25 |
| 73/10/30 | 09 00 | 0003 | 7.70 | | | 3.30 | 70 | | | | | |
| 73/12/04 | 12 20 | 0003 | 1.00 | | | 0.95 | 53 | | | | | |
| 74/01/15 | 12 10 | 0003 | 1.10 | | | 0.70 | 61 | | | | | |
| 74/02/13 | 11 40 | 0003 | 1.80 | | | 0.56 | 77 | | | | | |
| 74/03/19 | 15 10 | 0003 | 2.90 | | | 1.20 | 70 | | | | | |
| 74/04/03 | 15 25 | 0003 | 4.10 | | | 1.70 | 70 | | | | | |
| 74/04/18 | 15 35 | 0003 | 8.00 | | | 3.50 | 69 | | | | | |
| 74/05/01 | 14 50 | 0003 | 18.00 | | | 6.40 | 74 | | | | | |
| 74/05/15 | 13 15 | 0003 | 21.00 | | | 10.00 | 66 | | | | | |
| 74/06/13 | 12 45 | 0003 | 21.00 | | | 9.10 | 70 | | | | | |
| 74/06/27 | 12 40 | 0003 | 16.00 | | | 8.20 | 66 | | | | | |
| 74/07/11 | 11 00 | 0003 | 11.00 | | | 7.30 | 62 | | | | | |
| 74/07/25 | 11 15 | 0003 | 12.00 | | | 7.40 | 63 | | | | | |
| 74/08/14 | 15 55 | 0003 | 8.00 | | | 3.90 | 67 | | | | | |
| 74/08/28 | 15 30 | 0003 | 13.00 | | | 5.90 | 70 | | | | | |
| 74/09/11 | 16 10 | 0003 | 16.00 | | | 6.80 | 71 | | | | | |
| 74/09/25 | 14 25 | 0003 | 11.00 | | | 4.60 | 71 | | | | | |
| 74/10/09 | 13 05 | 0003 | 6.60 | | | 5.10 | 57 | | | | | |
| 74/10/23 | 12 40 | 0003 | 6.70 | | | 2.90 | 70 | | | | | |
| 74/11/21 | 12 00 | 0003 | 2.10 | | | 1.90 | 53 | | | | | |
| 74/12/11 | 15 35 | 0003 | 1.60 | | | 1.20 | 57 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML | % G | % F | % B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 11 05 | 0003 | 10 | 0 | 0 | 0 | 70 | 0 | 110 | 190 | 5 | 37 | 58 |
| 69/02/25 | 10 35 | 0003 | 0 | 0 | 0 | 0 | 10 | 0 | 20 | 30 | — | 33 | 66 |
| 69/03/28 | 13 50 | 0003 | 0 | 0 | 0 | 20 | 10 | 0 | 120 | 150 | — | 7 | 93 |
| 69/05/07 | 10 00 | 0003 | 40 | 0 | 0 | 0 | 90 | 0 | 370 | 500 | 8 | 18 | 74 |
| 69/06/11 | 17 35 | 0003 | 50 | 0 | 0 | 10 | 10 | 0 | 200 | 270 | 18 | 4 | 74 |
| 69/07/23 | 14 25 | 0003 | 130 | 0 | 0 | 0 | 0 | 10 | 5080 | 5220 | 2 | — | 97 |
| 69/08/20 | 13 40 | 0003 | 120 | 0 | 0 | 0 | 0 | 0 | 2300 | 2420 | 5 | — | 95 |
| 69/09/18 | 12 25 | 0003 | 130 | 0 | 0 | 10 | 10 | 0 | 2290 | 2440 | 5 | — | 94 |
| 69/10/20 | 12 50 | 0003 | 160 | 0 | 0 | 0 | 70 | 0 | 2630 | 2860 | 6 | 2 | 92 |
| 69/11/20 | 15 35 | 0003 | 100 | 0 | 0 | 0 | 40 | 0 | 1140 | 1280 | 8 | 3 | 89 |
| 70/02/11 | 10 55 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 60 | 90 | 33 | — | 66 |
| 70/03/16 | 13 30 | 0003 | 450 | 0 | 0 | 0 | 600 | 0 | 330 | 1380 | 33 | 43 | 24 |
| 70/04/16 | 14 20 | 0003 | 390 | 0 | 0 | 0 | 180 | 0 | 1380 | 1950 | 20 | 9 | 71 |
| 70/05/18 | 16 55 | 0003 | 60 | 0 | 0 | 0 | 150 | 0 | 3230 | 3440 | 2 | 4 | 94 |
| 70/06/15 | 16 45 | 0003 | 570 | 0 | 0 | 0 | 240 | 0 | 4510 | 5320 | 11 | 4 | 85 |
| 70/07/15 | 16 55 | 0003 | 120 | 0 | 0 | 0 | 90 | 0 | 2710 | 2920 | 4 | 3 | 93 |
| 70/08/13 | 16 30 | 0003 | 60 | 0 | 0 | 0 | 180 | 0 | 1790 | 2030 | 3 | 9 | 88 |
| 70/09/09 | 15 05 | 0003 | 150 | 0 | 0 | 0 | 420 | 0 | 2890 | 3460 | 4 | 12 | 84 |
| 70/10/07 | 13 05 | 0003 | 0 | 0 | 0 | 0 | 120 | 0 | 1380 | 1500 | — | 8 | 92 |
| 70/11/23 | 12 10 | 0003 | 300 | 0 | 0 | 0 | 210 | 0 | 1750 | 2260 | 13 | 9 | 77 |
| 71/03/03 | 09 40 | 0003 | 0 | 0 | 0 | 0 | 120 | 0 | 60 | 180 | — | 67 | 33 |
| 71/04/06 | 14 40 | 0003 | 390 | 0 | 0 | 0 | 270 | 0 | 990 | 1650 | 24 | 16 | 60 |
| 71/05/05 | 14 25 | 0003 | 210 | 0 | 0 | 0 | 270 | 0 | 4770 | 5250 | 4 | 5 | 91 |
| 71/06/03 | 14 50 | 0003 | 390 | 0 | 0 | 0 | 330 | 0 | 4070 | 4790 | 9 | 7 | 85 |
| 71/07/01 | 13 15 | 0003 | 450 | 0 | 0 | 0 | 1260 | 0 | 3270 | 4980 | 9 | 25 | 66 |
| 71/08/04 | 16 05 | 0003 | 240 | 0 | 0 | 0 | 540 | 30 | 3660 | 4470 | 5 | 12 | 82 |
| 71/09/01 | 16 20 | 0003 | 16 | 0 | 0 | 0 | 0 | 0 | 1109 | 1125 | 1 | — | 99 |
| 71/09/29 | 14 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 838 | 838 | — | — | 100 |
| 71/10/27 | 13 30 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 1036 | 1046 | 1 | — | 99 |
| 71/11/17 | 16 15 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 515 | 535 | 4 | — | 96 |
| 71/12/13 | 14 45 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 112 | 122 | 8 | — | 92 |
| 72/01/10 | 14 50 | 0003 | 20J | 0J | 0J | 8J | 2J | 0J | 40J | 70J | 28 | 0 | 57 |
| 72/03/09 | 12 05 | 0003 | 4J 6 | 0J | 0J | 2J | 32J 46 | 0J | 32J 46 | 70J | | | |
| 72/03/23 | 12 20 | 0003 | 24J 1 | 0J | 0J | 0J | 18J 2 | 0J | 830J 95 | 872J | 3 | 24 | 70 |
| 72/05/23 | 15 10 | 0003 | 42J | 0J | 0J | 2J | 8J | 10J | 474J | 536J | 8 | 1 | 88 |
| 72/08/22 | 16 20 | 0003 | 44J | 0J | 0J | 0J | 8J | 0J | 368J | 420J | 10 | 2 | 88 |

STORET RETRIEVAL DATE 77/03/01

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38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML | G | F | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/21 | 16 00 | 0003 | 91 | 0 | 0 | 0 | 0 | 0 | 758 | 849 | 11 | 0 | 89 |
| 72/10/17 | 14 35 | 0003 | 20 5 | 0 | 0 | 0 | 0 | 0 | 379 95 | 399 | | | |
| 72/10/30 | 09 00 | 0003 | 65 12 | 0 | 15 | 0 | 59 11 | 0 | 377 73 | 516 | 9 | 6 | 84 |
| 72/11/16 | 14 00 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 186 | 206 | 10 | 0 | 90 |
| 72/12/13 | 12 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | — | — | — |
| 73/01/15 | 13 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | — | — | — |
| 73/02/14 | 16 00 | 0003 | 88 | 0 | 29 | 0 | 10 | 0 | 78 | 205 | 43 | 5 | 38 |
| 73/03/13 | 12 00 | 0003 | 141 20 | 10 | 0 | 10 | 222 31 | 0 | 333 46 | 716 | | | |
| 73/03/27 | 11 40 | 0003 | 0 0 | 0 | 0 | 0 | 36 21 | 0 | 132 78 | 168 | 10 | 26 | 62 |
| 73/04/10 | 12 30 | 0003 | 10 1 | 0 | 15 | 0 | 106 15 | 0 | 575 81 | 706 | | | |
| 73/04/24 | 10 15 | 0003 | 216 15 | 0 | 0 | 24 | 0 0 | 0 | 1164 83 | 1404 | 8 | 8 | 82 |
| 73/05/08 | 12 15 | 0003 | 24 | 0 | 0 | 0 | 24 | 0 | 936 | 984 | 2 | 2 | 95 |
| 73/06/11 | 16 20 | 0003 | 12 4 | 0 | 0 | 0 | 24 8 | 0 | 252 88 | 288 | | | |
| 73/06/25 | 14 20 | 0003 | 0 0 | 0 | 0 | 0 | 48 17 | 0 | 228 82 | 276 | 2 | 12 | 86 |
| 73/07/09 | 15 00 | 0003 | 60 | 0 | 0 | 12 | 12 | 0 | 588 | 672 | 9 | 2 | 88 |
| 73/08/06 | 14 15 | 0003 | 0 0 | 0 | 0 | 12 | 50 8 | 0 | 552 90 | 614 | | | |
| 73/08/21 | 11 30 | 0003 | 48 19 | 0 | 0 | 0 | 24 10 | 0 | 180 71 | 252 | 10 | 9 | 80 |
| 73/09/04 | 12 35 | 0003 | 12 3 | 0 | 0 | 0 | 36 8 | 0 | 396 89 | 444 | | | |
| 73/09/18 | 11 35 | 0003 | 141 16 | 0 | 10 | 0 | 10 1 | 0 | 696 81 | 857 | 10 | 5 | 85 |
| 73/10/02 | 11 35 | 0003 | 5 4 | 0 | 15 | 0 | 0 0 | 0 | 111 95 | 131 | | | |
| 73/10/30 | 09 00 | 0003 | 65 12 | 0 | 15 | 0 | -59 11 | 0 | 377 73 | 516 | 8 | 6 | 79 |
| 73/12/04 | 12 20 | 0003 | 30 | 0 | 10 | 0 | 0 | 0 | 5 | 35 | 86 | 0 | 14 |
| 74/01/15 | 12 10 | 0003 | 160 | 0 | 8 | 16 | 0 | 0 | 83 | 267 | 60 | 0 | 31 |
| 74/02/13 | 11 40 | 0003 | 50 | 0 | 10 | 0 | 0 | 0 | 121 | 171 | 29 | 0 | 71 |
| 74/03/19 | 15 10 | 0003 | 121 | 0 | 30 | 5 | 25 | 0 | 152 | 333 | 36 | 8 | 46 |
| 74/04/03 | 15 25 | 0003 | 174 45 | 0 | 68 | 0 | 0 0 | 0 | 144 37 | 386 | | | |
| 74/04/18 | 15 35 | 0003 | 286 24 | 0 | 0 | 22 | 88 7 | 0 | 792 67 | 1188 | 34 | 4 | 52 |
| 74/05/01 | 14 50 | 0003 | 638 13 | 0 | 0 | 22 | 0 | 0 | 4202 86 | 4862 | | | |
| 74/05/15 | 13 15 | 0003 | 44 1 | 0 | 0 | 0 | 22 | 0 | 6490 99 | 6556 | 7 | 0 | 92 |
| 74/06/13 | 12 45 | 0003 | 264 11 | 22 | 0 | 0 | 22 1 | 0 | 2112 87 | 2420 | | | |
| 74/06/27 | 12 40 | 0003 | 403 20 | 0 | 0 | 10 | 20 1 | 0 | 1524 78 | 1957 | 15 | 1 | 82 |
| 74/07/11 | 11 00 | 0003 | 88 7 | 0 | 0 | 0 | 0 0 | 0 | 1210 93 | 1298 | | | |
| 74/07/25 | 11 15 | 0003 | 66 3 | 0 | 0 | 0 | 88 4 | 0 | 1958 93 | 2112 | 5 | 2 | 93 |
| 74/08/14 | 15 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 198 | 198 | | | |
| 74/08/28 | 15 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 506 | 506 | 0 | 0 | 100 |
| 74/09/11 | 16 10 | 0003 | 0 | 0 | 0 | 0 | 66 13 | 0 | 440 87 | 506 | | | |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | | 60050 ALGAE TOTAL /ML | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/25 | 14 25 | 0003 | 66 | 14 | 0 | 0 | 0 | 0 | | 0 | 418 | 86 | 484 | 7 | 7 | 87 |
| 74/10/09 | 13 05 | 0003 | 110 | 22 | 0 | 0 | 0 | 22 | 4 | 0 | 374 | 74 | 506 | | | |
| 74/10/23 | 12 40 | 0003 | 44 | 7 | 0 | 0 | 22 | 0 | 0 | 0 | 594 | 90 | 660 | 15 | 2 | 82 |
| 74/11/21 | 12 00 | 0003 | 0 | | 0 | 0 | 0 | 0 | | 0 | 286 | | 286 | 0 | 0 | 100 |
| 74/12/11 | 15 35 | 0003 | 88 | | 0 | 0 | 0 | 0 | | 0 | 176 | | 264 | 33 | 0 | 67 |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/01/18 | | | 0.0022J | | | |
| 71/02/17 | | | 0.0015J | | | |
| 71/03/04 | | | 0.0030J | 20.00L | 0.00L | 14.00L |
| 71/04/08 | | | 0.0048J | 32.00 | 0.47 | 5.00 |
| 71/05/03 | | | 0.0272J | 46.00 | 0.00L | 8.00L |
| 71/05/04 | | | | 148.80L | 0.00L | 11.18L |
| 71/05/19 | | | | 795.30L | 2.35L | 40.59L |
| 71/06/02 | | | 0.0383J | 301.20L | 0.00L | 7.06L |
| 71/06/15 | | | | 1482.00L | 0.00L | 22.35L |
| 71/07/01 | | | 0.0893J | 366.00L | 1.18L | 38.00L |
| 71/07/29 | | | 0.0000 | 1001.00L | 3.53L | 48.00L |
| 71/08/03 | | | | 847.10L | 0.59L | 51.18L |
| 71/08/16 | | | | 235.90L | 0.00L | 51.18L |
| 71/08/30 | | | 0.0002 | 846.40 | 2.00 | 25.76 |
| 71/09/14 | | | | 511.80L | 0.00L | 17.06L |
| 71/10/12 | | | 0.0019 | 161.00L | 1.18L | 14.00L |
| 71/10/14 | | | | 177.60L | 0.00L | 8.82L |
| 71/11/08 | | | 0.0388J | 358.00L | 1.76L | 18.00L |
| 71/12/08 | | | 0.0000J | 28.00 | 1.03 | 7.00 |
| 72/01/10 | | | 0.0000 | 26.00 | 0.22 | 9.00 |
| 72/02/09 | | | 0.0008 | 9.00 | 0.02 | 9.00 |
| 72/03/09 | | | 0.0000 | 12.96 | 0.04 | 6.67 |
| 72/04/07 | | | 0.0015 | 254.00 | 0.35 | 21.00 |
| 72/04/20 | | | 0.0003 | 489.00 | 1.63 | 17.00 |
| 72/05/05 | | | 0.0005 | 381.00 | 1.00 | 32.00 |
| 72/05/19 | | | 0.0000 | 1519.00 | 29.31 | 46.00 |
| 72/06/06 | | | 0.0005 | 0.00 | 9.54 | 5.00 |
| 72/06/20 | | | 0.0002 | 83.00 | 8.39 | 31.00 |
| 72/07/05 | | | 0.0004 | 94.00 | 4.05 | 70.00 |
| 72/07/18 | | | 0.0005 | 75.00 | 8.59 | 47.00 |
| 72/08/02 | | | 0.0003 | 243.00 | 2.41 | 26.00 |
| 72/08/15 | | | 0.0017 | 719.00 | 6.12 | 77.00 |
| 72/09/13 | | | 0.0014 | 413.00 | 2.32 | 38.00 |
| 72/09/28 | | | 0.0055 | 472.00 | 3.93 | 45.00 |
| 72/10/12 | | | 0.0014 | 252.00 | 0.69 | 20.00 |
| 72/10/27 | | | 0.0079 | 46.00 | 0.74 | 16.00 |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/11/15 | | | 0.0118 | 20.00 | 0.92 | 13.00 |
| 72/12/19 | | | 0.0001 | 4.00 | 0.16 | 5.00 |
| 73/03/15 | | | 0.0000 | 13.76 | 0.61 | 15.09 |
| 73/04/10 | | | 0.0000 | 19.81 | 0.19 | 9.93 |
| 73/04/25 | | | 0.0000 | 171.90 | 1.36 | 55.51 |
| 73/05/09 | | | 0.0002 | 209.30 | 6.20 | 40.86 |
| 73/05/24 | | | 0.0024 | 255.30 | 1.25 | 20.61 |
| 73/06/07 | | | 0.0001 | 34.13 | 1.12 | 8.75 |
| 73/06/26 | | | 0.0000 | 416.50 | 1.11 | 17.62 |
| 73/07/09 | | | 0.0000 | 327.00 | 2.62 | 44.79 |
| 73/07/24 | | | 0.0000 | 407.00 | 5.68 | 136.70 |
| 73/08/07 | | | 0.0002 | 351.00 | 6.41 | 177.10 |
| 73/08/21 | | | 0.0000 | 317.50 | 2.35 | 40.53 |
| 73/09/05 | | | 0.0001 | 536.90 | 3.32 | 57.50 |
| 73/09/18 | | | 0.0001 | 360.50 | 2.58 | 13.13 |
| 73/10/02 | | | 0.0000 | 340.40 | 3.17 | 9.59 |
| 73/10/16 | | | 0.0003 | 265.10 | 6.03 | 13.29 |
| 73/11/16 | | | 0.0009 | 43.00 | 4.00 | 5.00 |
| 74/03/14 | | | 0.0000 | 41.42 | 0.09 | 8.24 |
| 74/04/01 | | | 0.0002 | 48.66 | 0.17 | 8.71 |
| 74/04/16 | | | 0.0000 | 45.16 | 0.74 | 10.85 |
| 74/05/13 | | | 0.0002 | 352.60 | 43.27 | 40.27 |
| 74/05/28 | | | 0.0013 | 466.00 | 27.68 | 28.76 |
| 74/06/12 | | | 0.0008 | 689.80 | 19.52 | 24.15 |
| 74/06/25 | | | 0.0036 | 728.10 | 3.28 | 22.28 |
| 74/07/10 | | | 0.0039 | 592.70 | 10.34 | 51.63 |
| 74/07/24 | | | 0.0017 | 170.30 | 1.50 | 20.13 |
| 74/08/08 | | | 0.0021 | 160.10 | 2.31 | 13.12 |
| 74/08/23 | | | 0.0000 | 198.20 | 4.11 | 28.19 |
| 74/09/10 | | | 0.0005 | 213.40 | 2.06 | 14.65 |
| 74/09/23 | | | 0.0000 | 221.90 | 6.00 | 14.80 |
| 74/10/07 | | | 0.0000 | 290.00 | 16.88 | 18.70 |
| 74/10/22 | | | 0.0000 | 132.50 | 7.01 | 4.94 |
| 74/11/19 | | | 0.0000 | 12.90L | 0.00L | 0.54L |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 11 05 | 0003 | 0.9 | | | | | | | | |
| 69/02/25 | 10 35 | 0003 | 1.9 | | | | | | | | |
| 69/03/28 | 13 50 | 0003 | 1.3 | | | | | | | | |
| 69/05/07 | 10 00 | 0003 | 0.7 | | | | | | | | |
| 69/06/11 | 17 35 | 0003 | 1.3 | | | | | | | | |
| 69/07/23 | 14 25 | 0003 | 2.3 | | | | | | | | |
| 69/08/20 | 13 40 | 0003 | 1.9 | | | | | | | | |
| 69/09/18 | 12 25 | 0003 | 1.2 | | | | | | | | |
| 69/10/20 | 12 50 | 0003 | 2.3 | | | | | | | | |
| 69/11/20 | 15 35 | 0003 | 1.8 | | | | | | | | |
| 70/02/11 | 10 55 | 0003 | 0.5 | | | | | | | | |
| 70/03/16 | 13 30 | 0003 | 0.5 | | | | | | | | |
| 70/04/16 | 14 20 | 0003 | 1.1 | | | | | | | | |
| 70/05/18 | 16 55 | 0003 | 1.8 | | | | | | | | |
| 70/06/15 | 16 45 | 0003 | 1.9 | | | | | | | | |
| 70/07/15 | 16 55 | 0003 | 1.9 | | | | | | | | |
| 70/08/13 | 16 30 | 0003 | 1.3 | | | | | | | | |
| 70/09/09 | 15 05 | 0003 | 3.1 | | | | | | | | |
| 70/10/07 | 13 05 | 0003 | | 1.3 | | | | | | | |
| 71/03/03 | 09 40 | 0003 | 0.6 | | 1.0 | 1.3 | 2.0 | 2.0 | | | |
| 71/04/06 | 14 40 | 0003 | 0.4 | | 0.9 | 1.1 | 1.4 | 1.6 | | | |
| 71/05/05 | 14 25 | 0003 | | | 2.2 | 2.9 | 3.5 | | 3.8 | | 4.2 |
| 71/06/03 | 14 50 | 0003 | | | | 2.8 | 3.3 | | 3.7 | | 4.0 |
| 71/07/01 | 13 15 | 0003 | | | 2.2 | 3.2 | 3.7 | | 4.2 | | 4.4 |
| 71/08/04 | 16 05 | 0003 | | | 1.6 | 2.2 | 3.4 | | 5.1 | | 3.6 |
| 71/09/01 | 16 20 | 0003 | | | 2.0 | 3.2 | 2.9 | | 3.6 | | |
| 71/09/29 | 14 30 | 0003 | | | 1.9 | 2.4 | 3.3 | | 4.7 | | 4.7 |
| 71/10/27 | 13 30 | 0003 | | | 1.6 | 2.0 | 3.0 | | 3.6 | | 4.4 |
| 71/11/17 | 16 15 | 0003 | | | 1.5 | 2.7 | 3.2 | | 3.8 | | 5.2 |
| 71/12/13 | 14 45 | 0003 | | | 1.4 | 1.9 | 2.5 | | 2.7 | | 3.0 |
| 72/01/10 | 14 50 | 0003 | | | | 2.0 | | | 3.0 | | 3.8 |
| 72/02/11 | 15 00 | 0003 | | | 0.5 | 1.5 | 1.9 | | 2.3 | | 2.8 |
| 72/07/18 | 13 25 | 0003 | | | 1.4 | | | | | | |
| 72/09/21 | 16 00 | 0003 | | | 1.8 | 2.8 | | | | | 4.6 |
| 73/04/10 | 12 30 | 0003 | 1.9 | | | | | | | | |
| 73/05/08 | 12 15 | 0003 | 1.8 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052523 D14A
38 01 05.0 121 42 38.0 2
BIG BREAK NEAR OAKLEY-D14A
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/08/06 | 14 15 | 0003 | 1.6 | | | | | | | | |
| 73/09/04 | 12 30 | 0003 | 0.8 | | | | | | | | |
| 73/10/02 | 11 35 | 0003 | 1.1 | | | | | | | | |
| 73/12/04 | 12 20 | 0003 | 1.0 | | | | | | | | |
| 74/01/15 | 12 10 | 0003 | 1.2 | | | | | | | | |
| 74/02/13 | 11 40 | 0003 | 1.3 | | | | | | | | |
| 74/03/19 | 15 10 | 0003 | 1.2 | | | | | | | | |
| 74/04/03 | 15 25 | 0003 | 1.4 | | | | | | | | |
| 74/05/01 | 14 50 | 0003 | 1.8 | | | | | | | | |
| 74/06/13 | 12 45 | 0003 | 1.4 | | | | | | | | |
| 74/07/11 | 11 00 | 0003 | 1.1 | | | | | | | | |
| 74/08/14 | 15 55 | 0003 | 0.8 | | | | | | | | |
| 74/09/11 | 16 10 | 0003 | 1.5 | | | | | | | | |
| 74/10/09 | 13 05 | 0003 | 0.2 | | | | | | | | |
| 74/12/11 | 15 35 | 0003 | 1.4 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 41 10 LATITUDE - 38 03 10

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A NAV. CHANNEL, WITHIN THE TIDAL EXCURSION OF THE PROPOSED DRAIN DISCHARGE POINT.

SAMPLING POINT - SAN JOAQUIN RIVER AT JERSEY POINT,DIRECTLY BELOW OVER-HEAD POWER CABLE, 50 YARDS NORTHWEST OF GP FL R 2 10SEC 20 FT "24".

DEPTH AT SITE IS 40 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANLAYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | P-R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 10 40 | 0003 | 15.20C | | | | | | | | | | |
| 68/10/28 | 12 10 | 0003 | 9.12C | | | | | | | | | | |
| 68/11/26 | 11 10 | 0003 | 3.72C | | | | | | | | | | |
| 69/01/27 | 11 45 | 0003 | 1.44C | | | | | | | | | | |
| 69/02/25 | 11 10 | 0003 | 2.36C | | | | | | | | | | |
| 69/03/26 | 11 00 | 0003 | 5.62C | | | | | | | | | | |
| 69/05/07 | 10 25 | 0003 | 6.69C | | | | | | | | | | |
| 69/06/11 | 18 00 | 0003 | 4.79C | | | | | | | | | | |
| 69/07/23 | 15 00 | 0003 | 33.44C | | | | | | | | | | |
| 69/08/20 | 14 10 | 0003 | 20.52C | | | | | | | | | | |
| 69/09/18 | 13 00 | 0003 | 20.00 | 1.00M | 9.00 | 10.00 | 67 | | | | | | |
| 69/10/20 | 13 25 | 0003 | 16.00 | 1.30M | 5.10 | 5.20 | 76 | | | | | | |
| 69/11/24 | 14 30 | 0003 | 8.36C | | | | | | | | | | |
| 70/02/11 | 11 20 | 0003 | 1.82C | | | | | | | | | | |
| 70/03/19 | 16 15 | 0003 | 4.10C | | | | | | | | | | |
| 70/04/16 | 14 50 | 0003 | 9.12C | | | | | 0.44M | 1.77 | 1.44 | 2.20 | 0.31 | 1.13 |
| 70/04/24 | 12 35 | 0003 | 14.00 | 0.39 | | 7.70 | 64 | | | | | | |
| 70/05/01 | 12 30 | 0003 | 24.00 | 0.32 | | 9.20 | 73 | | | | | | |
| 70/05/06 | 14 05 | 0003 | 33.00 | 0.45 | | 12.00 | 73 | | | | | | |
| 70/05/07 | 13 20 | 0003 | 37.00 | 0.16M | | 11.00 | 77 | | | | | | |
| 70/05/14 | 12 00 | 0003 | 27.00 | 0.41 | | 9.80 | 73 | | | | | | |
| 70/05/18 | 17 20 | 0003 | 23.00 | 0.61M | 4.10 | 7.50 | 76 | 0.66 | 4.54 | 3.07 | 3.87 | 0.55 | 2.52 |
| 70/05/21 | 11 15 | 0003 | 28.00 | 0.68M | | 14.00 | 67 | | | | | | |
| 70/05/28 | 12 30 | 0003 | 26.00 | 2.00M | | 9.20 | 73 | | | | | | |
| 70/06/04 | 12 48 | 0003 | 23.00 | 0.62 | | 16.00 | 60 | | | | | | |
| 70/06/15 | 17 15 | 0003 | 29.00 | 0.07M | 4.50 | 12.00 | 70 | 0.28M | 3.42 | 0.73 | 3.70 | 0.53 | .20 |
| 70/06/25 | 13 40 | 0004 | 23.00 | 0.66M | | 13.00 | 64 | | | | | | |
| 70/07/02 | 11 50 | 0003 | 17.00 | 0.46M | | 13.00 | 56 | | | | | | |
| 70/07/09 | 09 55 | 0006 | 23.00 | 0.31M | | 12.00 | 66 | | | | | | |
| 70/07/15 | 17 20 | 0003 | 18.00 | 0.09 | 2.50 | 9.60 | 66 | 0.49 | 2.78 | 4.05 | 2.29 | 0.33 | 3.72 |
| 70/07/23 | 12 00 | 0004 | 13.00 | 0.04M | | 11.00 | 53 | | | | | | |
| 70/07/30 | 10 30 | 0003 | 9.80 | 0.23M | | 9.80 | 50 | | | | | | |
| 70/08/06 | 14 00 | 0003 | 11.00 | 0.06 | | 8.40 | 57 | | | | | | |
| 70/08/13 | 17 35 | 0003 | 14.00 | 0.30M | 2.60 | 7.40 | 66 | 0.18M | 2.64 | 3.13 | 2.82 | 0.40 | 2.73 |
| 70/08/20 | 13 00 | 0004 | 11.00 | 0.29M | | 9.90 | 53 | | | | | | |
| 70/08/27 | 12 30 | 0005 | 11.00 | 0.06M | | 6.10 | 64 | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/09/03 | 14 00 | 0004 | 12.00 | 0.08M | | 7.00 | 53 | | | | | | |
| 70/09/09 | 15 30 | 0003 | 14.00 | 0.28M | 1.60 | 6.20 | 69 | 0.42 | 2.81 | 2.17 | 2.39 | 0.34 | 1.83 |
| 70/09/17 | 10 40 | 0004 | 14.00 | 0.06M | | 6.10 | 61 | | | | | | |
| 70/09/24 | 12 30 | 0005 | 14.00 | 0.11 | | 6.70 | 67 | | | | | | |
| 70/10/01 | 13 00 | 0005 | 14.00 | 0.08M | | 9.90 | 59 | | | | | | |
| 70/10/07 | 13 50 | 0003 | 12.00 | 0.29M | 2.70 | 6.00 | 67 | 0.77 | 2.04 | 1.48 | 1.27 | 0.18 | 1.30 |
| 70/10/15 | 11 30 | 0004 | 14.00 | 0.76 | | 11.00 | 54 | | | | | | |
| 70/10/22 | 11 30 | 0006 | 10.00 | 0.49M | | 6.40 | 61 | | | | | | |
| 70/10/29 | 11 15 | 0005 | 12.20 | 0.10 | | 4.20 | 73 | | | | | | |
| 70/11/23 | 12 45 | 0003 | 8.90 | 0.07M | 3.70 | 4.80 | 64 | | | | | | |
| 71/03/03 | 10 00 | 0003 | 3.00 | 0.00 | 0.00 | 1.40 | 68 | | | | | | |
| 71/03/24 | 15 35 | 0003 | 4.90 | 0.00 | 0.18 | 2.10 | 69 | | | | | | |
| 71/04/06 | 15 05 | 0003 | 4.90 | 0.00 | 0.23 | 1.60 | 75 | | | | | | |
| 71/04/21 | 14 40 | 0003 | 10.00 | 0.00 | 2.00 | 3.00 | 77 | | | | | | |
| 71/05/05 | 14 50 | 0003 | 33.00 | 0.00 | 9.60 | 4.90 | 87 | 0.41M | 2.64 | 2.15 | 3.05 | 0.43 | 1.72 |
| 71/05/19 | 15 35 | 0003 | 20.00 | 0.00 | 5.60 | 7.30 | 73 | | | | | | |
| 71/06/03 | 15 10 | 0003 | 15.00 | 0.00 | 2.50 | 3.60 | 81 | 1.36 | 3.00 | 2.05 | 1.64 | 0.23 | 1.82 |
| 71/06/16 | 14 15 | 0003 | 19.00 | 0.00 | 4.20 | 4.40 | 81 | | | | | | |
| 71/07/01 | 13 45 | 0003 | 16.00 | 0.13 | 4.70 | 5.60 | 74 | 0.72M | 2.80 | 1.90 | 3.52 | 0.50 | 1.40 |
| 71/07/15 | 13 55 | 0003 | 12.00 | 0.03 | 3.20 | 7.40 | 62 | | | | | | |
| 71/08/04 | 16 30 | 0003 | 17.00 | 0.08 | 5.80 | 6.50 | 71 | 0.55M | 2.43 | 2.45 | 2.98 | 0.42 | 2.03 2.72 |
| 71/08/17 | 17 45 | 0003 | 15.00 | 0.45 | 4.20 | 8.60 | 64 | | | | | | |
| 71/09/01 | 16 45 | 0003 | 15.00 | 0.25 | 6.40 | 8.50 | 63 | 0.21 | 2.85 | 2.05 | 2.64 | 0.38 | 1.67 2.40 |
| 71/09/15 | 16 15 | 0003 | 19.00 | 0.03 | 4.00 | 8.40 | 68 | | | | | | |
| 71/09/29 | 14 55 | 0003 | 24.00 | 0.00 | 4.70 | 8.30 | 74 | 0.86 | 3.43 | 1.80 | 2.57 | 0.37 | 1.43 2.04 |
| 71/10/15 | 15 55 | 0003 | 22.00 | 0.96 | 3.20 | 10.00 | 67 | | | | | | |
| 71/10/27 | 13 55 | 0003 | 20.00 | 0.03 | 3.00 | 4.40 | 82 | 0.56 | 2.29 | 1.68 | 1.73 | 0.25 | 1.43 1.72 |
| 71/11/17 | 16 40 | 0003 | 18.00 | 0.00 | 3.20 | 5.20 | 77 | | | | | | |
| 71/12/13 | 15 20 | 0003 | 8.60 | 0.00 | 1.30 | 1.40 | 85 | | | | | | |
| 72/01/10 | 15 15 | 0003 | 1.70 | 0.06 | 0.00 | 1.30 | 56 | | | | | | |
| 72/02/11 | 15 30 | 0003 | 2.50 | 0.22 | 0.81 | 1.60 | 60 | | | | | | |
| 72/03/09 | 12 30 | 0003 | 14.00 | 0.21 | 3.80 | 4.10 | 76 | | | | | | |
| 72/03/23 | 12 45 | 0003 | 17.00 | 0.00 | 1.70 | 3.70 | 82 | 0.02M | 2.20 | 1.57 | 2.22 | 0.31 | 1.83 |
| 72/04/10 | 16 45 | 0003 | 24.00 | 1.40 | 4.00 | 13.00 | 64 | | | 2.14 | | | |
| 72/05/09 | 16 10 | 0003 | 15.00 | 0.58 | 3.10 | 5.40 | 73 | | | | | | |
| 72/05/23 | 15 40 | 0003 | 21.00 | 0.56 | 4.40 | 10.00 | 67 | 1.60 | 4.25 | 1.66 | 2.65 | 0.38 | 2.94 |
| | | | | | | | | | | 3.32 | | | |

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STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/06/07 | 16 05 | 0003 | 9.70 | 0.60 | 2.20 | 9.60 | 50 | | | | | |
| 72/07/05 | 15 20 | 0003 | 8.30 | 0.82 | 0.89 | 5.10 | 61 | | | | | |
| 72/07/18 | 14 15 | 0003 | 10.00 | 0.74 | 2.90 | 6.50 | 61 | 1.54M | 2.69 | 1.39 | 4.22 | 0.60 |
| 72/08/07 | 17 15 | 0003 | 16.00 | 0.45 | 2.80 | 8.10 | 66 | | | 2.78 | | |
| 72/08/22 | 16 45 | 0003 | 22.00 | 0.96 | 4.30 | 13.00 | 62 | 2.38M | 2.62 | 2.31 | 5.01 | 0.71 |
| 72/09/07 | 19 15 | 0003 | 18.00 | 1.70 | 3.40 | 9.00 | 66 | | | 4.62 | | |
| 72/09/21 | 16 25 | 0003 | 22.00 | 1.70 | 4.10 | 12.00 | 63 | 2.30M | 2.30 | 0.97 | 4.60 | 0.65 |
| 72/10/04 | 17 10 | 0003 | 22.00 | 0.62 | 6.00 | 11.00 | 65 | | | 1.94 | | |
| 72/10/17 | 14 50 | 0003 | 9.90 | 0.36 | 2.10 | 6.80 | 59 | | | | | |
| 72/11/16 | 14 25 | 0003 | 3.20 | 0.33 | 0.47 | 2.30 | 58 | | | | | |
| 72/12/13 | 13 10 | 0003 | 1.20 | 0.11 | 0.30 | 1.20 | 49 | | | | | |
| 73/01/15 | 13 55 | 0003 | 1.30 | | | 1.30 | 50 | | | | | |
| 73/02/14 | 16 30 | 0003 | 1.40 | | | 1.60 | 47 | | | .26 | | |
| 73/03/13 | 12 30 | 0003 | 1.90 | | | 1.10 | 63 | 0.07M | 0.18 | 0.13 | 0.25 | 0.04 |
| 73/03/27 | 12 05 | 0003 | 3.00 | | | 1.40 | 68 | | | 1.46 | | |
| 73/04/10 | 12 55 | 0003 | 7.90 | | | 3.90 | 66 | 0.41M | 1.72 | 0.73 | 2.14 | 0.30 |
| 73/04/24 | 10 50 | 0003 | 33.00 | | | 10.00 | 76 | | | 2.40 | | |
| 73/05/08 | 12 55 | 0003 | 17.00 | | | 13.00 | 57 | 0.83M | 2.45 | 1.20 | 3.29 | 0.47 |
| 73/05/29 | 16 25 | 0003 | 5.40 | | | 4.00 | 57 | | | 2.16 | | |
| 73/06/11 | 16 50 | 0003 | 6.60 | | | 3.70 | 64 | 0.57M | 1.87 | 1.08 | 2.44 | 0.35 |
| | 16 51 | 0040 | 4.60 | | | 3.40 | 57 | | | | | |
| 73/06/27 | 16 45 | 0003 | 5.40 | | | 4.70 | 54 | | | | | |
| | 16 46 | 0040 | 5.80 | | | 5.30 | 52 | | | 1.28 | | |
| 73/07/09 | 15 30 | 0003 | 8.50 | | | 6.30 | 57 | 0.50M | 1.34 | 0.64 | 1.84 | 0.26 |
| | 15 31 | 0040 | 8.80 | | | 7.20 | 55 | | | 1.98 | | |
| 73/08/06 | 14 45 | 0003 | 7.40 | | | 4.80 | 60 | 0.89 | 1.64 | 0.99 | 0.75 | 0.11 |
| | 14 46 | 0040 | 7.50 | | | 4.10 | 64 | | | | | |
| 73/08/21 | 12 05 | 0003 | 7.10 | | | 4.90 | 59 | | | | | |
| | 12 06 | 0040 | 6.90 | | | 6.00 | 53 | | | 1.96 | | |
| 73/09/04 | 13 05 | 0003 | 6.40 | | | 4.50 | 59 | 0.62 | 1.61 | 0.98 | 0.99 | 0.14 |
| | 13 06 | 0040 | 6.10 | | | 6.10 | 50 | | | | | |
| 73/09/18 | 12 00 | 0003 | 6.70 | | | 2.50 | 73 | | | 1.16 | | |
| 73/10/02 | 12 00 | 0003 | 5.80 | | | 3.20 | 65 | 1.01M | 1.30 | 0.58 | 2.31 | 0.33 |
| 73/10/30 | 09 25 | 0003 | 7.70 | | | 4.30 | 64 | | | | | |
| 73/12/04 | 12 40 | 0003 | 1.10 | | | 0.87 | 57 | | | | | |
| 74/01/15 | 12 40 | 0003 | 1.10 | | | 0.93 | 54 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/02/13 | 12 10 | 0003 | 1.60 | | | 0.90 | 64 | | | | | |
| 74/03/19 | 15 40 | 0003 | 2.70 | | | 1.20 | 68 | | | | | |
| 74/04/03 | 15 50 | 0003 | 2.30 | | | 1.40 | 62 | | | | | |
| 74/04/18 | 15 50 | 0003 | 6.00 | | | 2.90 | 67 | | | | | |
| 74/05/01 | 15 10 | 0003 | 15.00 | | | 6.40 | 21 | | | | | |
| 74/05/15 | 13 40 | 0003 | 13.00 | | | 5.90 | 70 | | | | | |
| 74/06/13 | 13 10 | 0003 | 13.00 | | | 6.40 | 68 | | | | | |
| 74/06/27 | 13 05 | 0003 | 15.00 | | | 8.90 | 63 | | | | | |
| 74/07/10 | 10 15 | 0003 | 9.80 | | | 11.00 | 47 | | | | | |
| 74/07/24 | 10 40 | 0003 | 7.80 | | | 6.60 | 54 | | | | | |
| 74/08/13 | 15 50 | 0003 | 7.50 | | | 5.20 | 59 | | | | | |
| 74/08/27 | 15 55 | 0003 | 16.00 | | | 5.10 | 77 | | | | | |
| 74/09/12 | 17 35 | 0003 | 19.00 | | | 7.40 | 72 | | | | | |
| 74/09/24 | 14 15 | 0003 | 13.00 | | | 4.40 | 76 | | | | | |
| 74/10/08 | 12 45 | 0003 | 6.30 | | | 4.80 | 57 | | | | | |
| 74/10/22 | 13 10 | 0003 | 6.40 | | | 2.10 | 75 | | | | | |
| 74/11/20 | 11 00 | 0003 | 2.50 | | | 1.40 | 64 | | | | | |
| 74/12/10 | 15 00 | 0003 | 1.90 | | | 1.60 | 55 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAF DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML | G | F | D | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 11 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 30 | | | 100 | |
| 68/12/17 | 15 00 | 0003 | 30 | 0 | 0 | 0 | 80 | 0 | 230 | 340 | 9 | 24 | 68 | |
| 69/01/27 | 11 45 | 0003 | 70 | 0 | 0 | 10 | 30 | 0 | 130 | 240 | 29 | 13 | 54 | |
| 69/02/25 | 11 10 | 0003 | 0 | 0 | 0 | 10 | 10 | 0 | 40 | 60 | 0 | 17 | 67 | |
| 69/03/26 | 11 00 | 0003 | 0 | 0 | 0 | 0 | 170 | 0 | 60 | 230 | 0 | 74 | 26 | |
| 69/05/07 | 10 25 | 0003 | 10 | 0 | 0 | 0 | 50 | 0 | 370 | 430 | 2 | 12 | 86 | |
| 69/06/11 | 18 00 | 0003 | 10 | 0 | 0 | 20 | 0 | 0 | 160 | 250 | 4 | | 64 | |
| 69/07/23 | 15 00 | 0003 | 120 | 0 | 0 | 0 | 20 | 0 | 3280 | 3420 | 4 | 1 | 96 | |
| 69/08/20 | 14 10 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 1880 | 1930 | 3 | 0 | 97 | |
| 69/09/18 | 13 00 | 0003 | 170 | 0 | 0 | 0 | 0 | 0 | 1660 | 1830 | 9 | 0 | 91 | |
| 69/10/20 | 13 25 | 0003 | 170 | 0 | 0 | 0 | 50 | 0 | 2510 | 2730 | 6 | 2 | 92 | |
| 69/11/24 | 14 30 | 0003 | 20 | 0 | 0 | 10 | 110 | 0 | 1000 | 1130 | 2 | 10 | 88 | |
| 70/02/11 | 11 20 | 0003 | 60 | 0 | 0 | 0 | 0 | 0 | 60 | 120 | 50 | 0 | 50 | |
| 70/03/19 | 16 15 | 0003 | 90 | 0 | 0 | 0 | 30 | 0 | 150 | 270 | 33 | 11 | 56 | |
| 70/04/16 | 14 50 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 480 | 540 | 0 | 11 | 89 | |
| 70/05/18 | 17 20 | 0003 | 390 | 30 | 0 | 0 | 270 | 0 | 2940 | 3630 | 12 | 7 | 81 | |
| 70/06/15 | 17 15 | 0003 | 420 | 0 | 0 | 0 | 150 | 30 | 4250 | 4850 | 9 | 4 | 88 | |
| 70/07/15 | 17 20 | 0003 | 90 | 0 | 0 | 0 | 180 | 0 | 2310 | 2580 | | | | |
| 70/08/13 | 17 35 | 0003 | 90 | 0 | 0 | 0 | 210 | 0 | 1620 | 1920 | | | | |
| 70/09/09 | 15 30 | 0003 | 150 | 0 | 0 | 0 | 420 | 0 | 1690 | 2260 | | | | |
| 70/10/07 | 13 50 | 0003 | 120 | 0 | 0 | 0 | 480 | 0 | 1410 | 2010 | | | | |
| 70/11/23 | 12 45 | 0003 | 210 | 0 | 0 | 0 | 300 | 0 | 3110 | 3620 | | | | |
| 71/03/03 | 10 00 | 0003 | 30 | 0 | 0 | 0 | 180 | 0 | 0 | 210 | | | | |
| 71/04/06 | 15 05 | 0003 | 240 | 0 | 0 | 0 | 420 | 0 | 750 | 1412 | | | | |
| 71/05/05 | 14 50 | 0003 | 120 | 0 | 0 | 0 | 180 | 0 | 7530 | 7830 | | | | |
| 71/06/03 | 15 10 | 0003 | 210 | 0 | 0 | 0 | 570 | 0 | 3790 | 4570 | | | | |
| 71/07/01 | 13 45 | 0003 | 420 | 0 | 0 | 0 | 540 | 0 | 3470 | 4430 | | | | |
| 71/08/04 | 16 30 | 0003 | 330 | 0 | 0 | 0 | 270 | 0 | 2700 | 3300 | | | | |
| 71/09/01 | 16 45 | 0003 | 0 | 0 | 0 | 144 11 | 0 | 0 | 1114 88 | 1258 | | | | |
| 71/09/29 | 14 55 | 0003 | 30 2 | 0 | 0 | 0 | 0 | 0 | 1201 98 | 1231 | | | | |
| 71/10/27 | 13 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1028 | 1028 | | | | |
| 71/11/17 | 16 40 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 732 | 752 | | | | |
| 71/12/13 | 15 20 | 0003 | 15 | 0 | 0 | 0 | 0 | 0 | 420 | 435 | | | | |
| 72/01/10 | 15 15 | 0003 | 38J | 0J | 0J | 0J | 20J | 0J | 38J | 96J | | | | |
| 72/03/09 | 12 30 | 0003 | 10J 12 | 0J | 0J | 0J | 28J 32 | 0J | 48J 56 | 86J | | | | |
| 72/03/23 | 12 45 | 0003 | 0J | 0J | 0J | 0J | 54J 8 | 0J | 636J 92 | 690J | | | | |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/05/23 | 15 40 | 0003 | 42J | 0J | 0J | 6J | 8J | 2J | 680J | 738J |
| 72/08/22 | 16 45 | 0003 | 14J | 0J | 0J | 12J | 20J | 0J | 456J | 502J |
| 72/09/21 | 16 25 | 0003 | 116 | 0 | 0 | 5 | 15 | 0 | 929 | 1065 |
| 72/10/17 | 14 50 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 313 | 333 |
| 72/11/16 | 14 25 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 156 | 176 |
| 72/12/13 | 13 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/01/15 | 13 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/14 | 16 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/13 | 12 30 | 0003 | 15 38 | 0 | 5 12 | 0 | 0 | 0 | 20 50 | 40 |
| 73/03/27 | 12 05 | 0003 | 0 | 0 | 0 | 0 | 36 23 | 0 | 120 77 | 156 |
| 73/04/10 | 12 55 | 0003 | 91 12 | 0 | 20 3 | 15 | 30 4 | 0 | 575 79 | 731 |
| 73/04/24 | 10 50 | 0003 | 72 6 | 0 | 0 | 0 | 24 2 | 0 | 1104 92 | 1200 |
| 73/05/08 | 12 55 | 0003 | 36 3 | 0 | 0 | 0 | 24 2 | 0 | 1248 95 | 1308 |
| 73/05/29 | 16 25 | 0003 | 36 8 | 0 | 0 | 0 | 0 | 0 | 408 92 | 444 |
| 73/06/11 | 16 50 | 0003 | 0 0 | 0 | 0 | 0 | 0 0 | 0 | 192 100 | 192 |
| 73/06/27 | 16 45 | 0003 | 12 4 | 0 | 0 | 0 | 24 8 | 0 | 264 88 | 300 |
| 73/08/06 | 14 45 | 0003 | 84 14 | 0 | 0 | 0 | 36 6 | 0 | 492 80 | 612 |
| 73/08/21 | 12 05 | 0003 | 24 3 | 0 | 0 | 0 | 0 | 0 | 696 97 | 720 |
| 73/09/04 | 13 05 | 0003 | 0 0 | 0 | 0 | 0 | 0 | 0 | 120 100 | 120 |
| 73/09/18 | 12 00 | 0003 | 38 7 | 0 | 19 4 | 0 | 0 | 0 | 465 89 | 522 |
| 73/10/02 | 12 00 | 0003 | 15 5 | 0 | 10 3 | 0 | 0 | 5 | 267 90 | 297 |
| 73/10/30 | 09 25 | 0003 | 89 9 | 0 | 25 2 | 0 | 59 6 | 0 | 817 82 | 990 |
| 73/12/04 | 12 40 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 40 | 60 |
| 74/01/15 | 12 40 | 0003 | 83 | 0 | 25 | 0 | 0 | 0 | 33 | 141 |
| 74/02/13 | 12 10 | 0003 | 29 | 0 | 0 | 0 | 0 | 0 | 20 | 49 |
| 74/03/19 | 15 40 | 0003 | 78 | 0 | 10 | 0 | 0 | 0 | 359 | 447 |
| 74/04/03 | 15 50 | 0003 | 78 22 | 0 | 10 | 10 | 0 | 0 | 263 73 | 361 |
| 74/04/18 | 15 50 | 0003 | 374 29 | 0 | 0 | 66 | 0 | 0 | 838 66 | 1278 |
| 74/05/01 | 15 10 | 0003 | 242 6 | 0 | 0 | 110 | 22 | 0 | 3476 90 | 3850 |
| 74/05/15 | 13 40 | 0003 | 176 4 | 0 | 0 | 22 | 0 | 0 | 4268 96 | 4466 |
| 74/06/13 | 13 10 | 0003 | 418 17 | 0 | 0 | 0 | 0 | 0 | 2046 83 | 2464 |
| 74/06/27 | 13 05 | 0003 | 303 4 | 0 | 0 | 0 | 30 | 0 | 7757 96 | 8090 |
| 74/07/10 | 10 15 | 0003 | 44 2 | 0 | 0 | 0 | 0 | 0 | 2178 98 | 2222 |
| 74/07/24 | 10 40 | 0003 | 44 3 | 0 | 0 | 0 | 0 | 0 | 1408 97 | 1452 |
| 74/08/13 | 15 50 | 0003 | 66 10 | 0 | 0 | 0 | 0 | 0 | 572 90 | 638 |
| 74/08/27 | 15 55 | 0003 | 0 | 0 | 0 | 22 | 0 | 0 | 374 94 | 396 |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/12 | 17 35 | 0003 | 176 20 | 0 | 0 | 0 | 0 | 0 | 704 80 | 880 |
| 74/09/24 | 14 15 | 0003 | 66 15 | 0 | 0 | 0 | 0 | 0 | 374 85 | 440 |
| 74/11/20 | 11 00 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 506 | 550 |
| 74/12/10 | 15 00 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 242 | 330 |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/01/18 | | | 0.0022J | | | |
| 71/02/17 | | | 0.0015J | | | |
| 71/03/04 | | | 0.0019J | 9.00L | 0.00L | 15.00L |
| 71/04/08 | | | 0.0074J | 8.00L | 0.00L | 5.00L |
| 71/04/21 | | | | 31.76L | 0.59L | 1.76L |
| 71/05/03 | | | 0.0208J | 145.00L | 0.00 | 9.00L |
| 71/05/19 | | | | 712.90L | 0.00L | 24.71L |
| 71/06/02 | | | 0.0553J | 229.00L | 1.76L | 9.00L |
| 71/06/16 | | | | 475.90L | 0.00L | 6.47L |
| 71/07/01 | | | 0.0575J | 453.90 | 7.68 | 35.04 |
| 71/08/01 | | | 0.0931J | 1019.00L | 2.94L | 34.00L |
| 71/08/02 | | | | 235.00L | 0.00L | 71.00L |
| 71/08/04 | | | | 650.00 | 5.85 | 87.75 |
| 71/09/01 | | | 0.0089 | 261.00 | 3.04 | 44.00 |
| 71/09/15 | | | | 2.94L | 0.00L | 16.47L |
| 71/09/28 | | | | 101.20L | 0.00L | 9.41L |
| 71/10/12 | | | 0.0026 | 128.00L | 0.00L | 24.00L |
| 71/11/08 | | | 0.0263J | 277.00L | 10.00L | 21.00L |
| 71/12/08 | | | 0.0049J | 38.00 | 2.20 | 9.00 |
| 72/01/10 | | | 0.0034 | 14.12L | 0.00L | 2.35L |
| 72/02/09 | | | 0.0015 | 17.00 | 0.12 | 8.00 |
| 72/03/09 | | | 0.0020 | 19.00 | 0.10 | 9.00 |
| 72/04/06 | | | 0.0131 | 677.00 | 0.96 | 51.00 |
| 72/04/19 | | | 0.0064 | 676.00 | 0.60 | 14.00 |
| 72/05/03 | | | 0.0107 | 319.00 | 1.05 | 47.00 |
| 72/05/17 | | | 0.0119 | 913.00 | 8.05 | 93.00 |
| 72/06/05 | | | 0.0008 | 44.00 | 15.48 | 28.00 |
| 72/06/19 | | | 0.0044 | 94.00 | 1.60 | 54.00 |
| 72/07/04 | | | 0.0084 | 129.00 | 2.52 | 75.00 |
| 72/07/17 | | | 0.0061 | 108.00 | 1.29 | 35.00 |
| 72/08/01 | | | 0.0040 | 407.00 | 3.44 | 39.00 |
| 72/08/14 | | | 0.0263 | 759.00 | 2.70 | 61.00 |
| 72/09/12 | | | 0.0489 | 389.00 | 3.68 | 44.00 |
| 72/09/27 | | | 0.0456 | 557.00 | 1.57 | 42.00 |
| 72/10/11 | | | 0.0614 | 306.00 | 0.31 | 25.00 |
| 72/10/26 | | | 0.0090 | 44.00 | 0.22 | 20.00 |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/11/13 | | | 0.0105 | 25.00 | 0.10 | 13.00 |
| 72/12/14 | | | 0.0129 | 4.00 | 0.16 | 5.00 |
| 73/03/13 | | | 0.0000 | 23.70 | 1.21 | 13.79 |
| 73/04/09 | | | 0.0041 | 23.00 | 0.09 | 8.93 |
| 73/04/24 | | | 0.0031 | 276.50 | 4.63 | 50.04 |
| 73/05/08 | | | 0.0366 | 566.10 | 10.77 | 91.79 |
| 73/05/23 | | | 0.0082 | 116.50 | 0.79 | 24.77 |
| 73/06/06 | | | 0.0150 | 80.06 | 0.13 | 6.48 |
| 73/06/25 | | | 0.0082 | 234.10L | 1.00 | 20.00 |
| 73/07/06 | | | 0.0041 | 286.10 | 1.08 | 28.14 |
| 73/07/23 | | | 0.0090 | 197.10 | 20.07 | 62.25 |
| 73/08/06 | | | 0.0314 | 162.90 | 1.17 | 39.50 |
| 73/08/20 | | | 0.0201 | 193.00 | 3.92 | 27.24 |
| 73/09/04 | | | 0.0064 | 224.60 | 7.78 | 18.25 |
| 73/09/17 | | | 0.0077 | 269.70 | 4.87 | 12.46 |
| 73/10/01 | | | 0.0007 | 349.20 | 6.11 | 6.77 |
| 73/10/15 | | | 0.0012 | 223.50 | 7.62 | 11.09 |
| 73/11/15 | | | 0.0026 | 55.93 | 6.67 | 3.36 |
| 74/03/13 | | | 0.0036 | 37.55 | 0.11 | 5.52 |
| 74/03/29 | | | 0.0016 | 62.29 | 0.06 | 7.24 |
| 74/04/15 | | | 0.0021 | 59.36 | 1.89 | 11.44 |
| 74/05/10 | | | 0.0164 | 257.20 | 29.71 | 26.76 |
| 74/05/27 | | | 0.0138 | 596.20 | 34.02 | 30.35 |
| 74/06/10 | | | 0.0909 | 552.60 | 1.49 | 29.18 |
| 74/06/24 | | | 0.0188 | 678.20 | 9.26 | 19.04 |
| 74/07/09 | | | 0.1426 | 630.30 | 1.20 | 44.03 |
| 74/07/23 | | | 0.0630 | 244.70 | 0.84 | 21.66 |
| 74/08/07 | | | 0.0168 | 210.70 | 2.51 | 13.19 |
| 74/08/22 | | | 0.0035 | 237.50L | 0.54L | 8.70L |
| 74/09/06 | | | 0.0032 | 155.00 | 13.77 | 3.42 |
| 74/09/20 | | | 0.0045 | 136.40 | 7.10 | 4.43 |
| 74/10/04 | | | 0.0072 | 187.40 | 4.54 | 4.12 |
| 74/10/21 | | | 0.0105 | 69.72 | 8.22 | 3.88 |
| 74/11/18 | | | 0.0031 | 11.11 | 4.76 | 6.12 |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BURFC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/23 | 09 15 | 0003 | 0.6 | | | | | | | | |
| 68/06/17 | 12 20 | 0000 | 1.2 | | | | | | | | |
| 68/07/17 | 12 45 | 0003 | 1.3 | | | | | | | | |
| 68/08/14 | 11 10 | 0003 | 0.6 | | | | | | | | |
| 68/09/26 | 10 40 | 0003 | 0.6 | | | | | | | | |
| 68/10/28 | 12 10 | 0003 | 0.2K | | | | | | | | |
| 68/12/17 | 15 00 | 0003 | 1.0 | | | | | | | | |
| 69/01/27 | 11 45 | 0003 | 2.0 | | | | | | | | |
| 69/02/25 | 11 10 | 0003 | 2.6 | | | | | | | | |
| 69/03/26 | 11 00 | 0003 | 1.2 | | | | | | | | |
| 69/05/07 | 10 25 | 0003 | 0.7 | | | | | | | | |
| 69/06/11 | 18 00 | 0003 | 1.0 | | | | | | | | |
| 69/07/23 | 15 00 | 0003 | 2.1 | | | | | | | | |
| 69/08/20 | 14 10 | 0003 | 1.6 | | | | | | | | |
| 69/09/18 | 13 00 | 0003 | 1.2 | | | | | | | | |
| 69/10/20 | 13 25 | 0003 | 2.6 | | | | | | | | |
| 69/11/24 | 14 30 | 0003 | 1.5 | | | | | | | | |
| 70/02/11 | 11 20 | 0003 | 0.4 | | | | | | | | |
| 70/03/19 | 16 15 | 0003 | 0.8 | | | | | | | | |
| 70/04/10 | 14 30 | 0003 | 0.8 | | | | | | | | |
| 70/04/16 | 14 50 | 0003 | 1.0 | | | | | | | | |
| 70/04/24 | 12 35 | 0000 | | 1.0 | | | | | | | |
| 70/05/01 | 12 30 | 0000 | | 1.6 | | | | | | | |
| 70/05/06 | 14 05 | 0000 | 2.4 | | | | | | | | |
| 70/05/07 | 13 20 | 0000 | 1.6 | | | | | | | | |
| 70/05/14 | 12 00 | 0000 | 0.7 | | | | | | | | |
| 70/05/18 | 17 20 | 0003 | 1.8 | | | | | | | | |
| 70/05/21 | 11 15 | 0003 | 0.7 | | | | | | | | |
| 70/05/28 | 12 30 | 0003 | 1.4 | | | | | | | | |
| 70/06/04 | 12 48 | 0003 | 0.8 | | | | | | | | |
| 70/06/10 | 11 00 | 0000 | 1.4 | | | | | | | | |
| 70/06/15 | 17 15 | 0003 | 1.5 | | | | | | | | |
| 70/06/25 | 13 40 | 0004 | | 1.0 | | | | | | | |
| 70/07/02 | 11 50 | 0003 | 0.8 | | | | | | | | |
| 70/07/09 | 09 55 | 0006 | 0.8 | | | | | | | | |
| 70/07/15 | 17 20 | 0003 | 1.6 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052512 D15
38 03 09.0 121 41 17.0 2
SAN JOAQUIN R. AT JERSEY PT-D15
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/07/23 | 12 00 | 0004 | 0.9 | | | | | | | | |
| 70/07/30 | 10 30 | 0003 | 1.1 | | | | | | | | |
| 70/08/06 | 14 00 | 0003 | 0.2 | | | | | | | | |
| 70/08/13 | 17 35 | 0003 | 1.0 | | | | | | | | |
| 70/08/20 | 13 00 | 0004 | | 0.7 | | | | | | | |
| 70/09/03 | 14 00 | 0004 | 0.8 | | | | | | | | |
| 70/09/09 | 15 30 | 0003 | 1.3 | | | | | | | | |
| 70/09/17 | 10 40 | 0004 | 0.8 | | | | | | | | |
| 70/09/24 | 12 30 | 0005 | 1.4 | | | | | | | | |
| 70/10/01 | 13 00 | 0005 | 1.2 | | | | | | | | |
| 70/10/07 | 13 50 | 0003 | | 1.4 | | | | | | | |
| 70/10/15 | 11 30 | 0004 | 0.8 | | | | | | | | |
| 70/10/22 | 11 30 | 0006 | 1.9 | | | | | | | | |
| 71/03/03 | 10 00 | 0003 | 0.8 | | 0.9 | 1.7 | 2.4 | 2.2 | | | |
| 71/04/06 | 15 05 | 0003 | 0.5 | | 0.8 | 1.6 | 1.3 | 1.7 | | | |
| 71/05/05 | 14 50 | 0003 | | | 1.8 | 2.7 | 3.2 | | 3.8 | | 3.8 |
| 71/06/03 | 15 10 | 0003 | | | | 2.4 | 2.6 | | 3.3 | | 4.1 |
| 71/07/01 | 13 45 | 0003 | | | 1.9 | 2.9 | 3.1 | | 3.5 | | 4.1 |
| 71/08/04 | 16 30 | 0003 | | | 1.6 | 2.3 | 2.8 | | 3.4 | | 3.6 |
| 71/09/01 | 16 45 | 0003 | | | 1.7 | 2.3 | 3.3 | | 4.4 | | 4.9 |
| 71/09/29 | 14 55 | 0003 | | | 1.5 | 1.9 | 3.1 | | 4.5 | | 5.8 |
| 71/10/27 | 13 55 | 0003 | | | 1.2 | 2.0 | 2.5 | | 3.2 | | 3.5 |
| 71/11/17 | 16 40 | 0003 | | | 1.8 | 2.6 | 3.1 | | 4.6 | | 4.9 |
| 71/12/13 | 15 20 | 0003 | | | 1.6 | 2.1 | 2.6 | | 2.9 | | 3.5 |
| 72/01/10 | 15 15 | 0003 | | | | 1.7 | | | 3.0 | | 3.8 |
| 72/02/11 | 15 30 | 0003 | | | 0.8 | 1.5 | 1.9 | | 2.5 | | 2.5 |
| 72/07/18 | 14 15 | 0003 | | | 1.0 | | | | | | |
| 72/09/21 | 16 25 | 0003 | | | 1.9 | 3.0 | | | | | 4.8 |

STORET RETRIEVAL DATE 77/03/01

052513 D16
38 05 50.0 121 40 05.0 2
SAN JOAQUIN R @ TWITCHELL ISLAND
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0052 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 40 00 LATITUDE - 38 05 50

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A NAVIGATION CHANNEL.

SAMPLING POINT - SAN JOAQUIN RIVER, KENTUCKY LANDING, 50 YDS SOUTH OF FL G 4SFC 21 FT 29 . DEPTH AT SITE IS 52 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052513 D16
38 05 50.0 121 40 05.0 2
SAN JOAQUIN R @ TWITCHELL ISLAND
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0052 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 11 05 | 0003 | 10.64C | | | | | | | | | |
| 68/10/28 | 12 25 | 0003 | 7.52C | | | | | | | | | |
| 68/11/26 | 11 25 | 0003 | 3.42C | | | | | | | | | |
| 68/12/17 | 15 20 | 0003 | 3.04C | | | | | | | | | |
| 69/01/27 | 12 25 | 0003 | 2.13C | | | | | | | | | |
| 69/02/25 | 11 45 | 0003 | 2.36C | | | | | | | | | |
| 69/03/26 | 11 45 | 0003 | 4.48C | | | | | | | | | |
| 69/05/07 | 10 50 | 0003 | 6.46C | | | | | | | | | |
| 69/06/11 | 18 20 | 0003 | 4.64C | | | | | | | | | |
| 69/07/23 | 15 25 | 0003 | 28.12C | | | | | | | | | |
| 69/08/20 | 14 35 | 0003 | 19.76C | | | | | | | | | |
| 69/09/18 | 13 25 | 0003 | 17.00 | 0.25M | 10.00 | 7.40 | 70 | | | | | |
| 69/10/20 | 14 25 | 0003 | 8.90 | 0.54M | 3.40 | 3.90 | 70 | | | | | |
| 69/11/24 | 15 00 | 0003 | 7.60C | | | | | | | | | |
| 70/02/11 | 11 50 | 0003 | 1.37C | | | | | | | | | |
| 70/03/19 | 16 40 | 0003 | 2.74C | | | | | | | | | |
| 70/04/17 | 15 45 | 0003 | 9.88C | | | | | | | | | |
| 70/05/19 | 19 30 | 0003 | 23.00 | 0.96M | 5.40 | 9.80 | 70 | | | | | |
| 70/06/16 | 18 10 | 0003 | 23.00 | 0.04M | 4.00 | 10.00 | 69 | | | | | |
| 70/07/14 | 17 12 | 0003 | 13.00 | 0.05 | 1.70 | 8.60 | 61 | | | | | |
| 70/08/12 | 16 30 | 0003 | 10.00 | 0.06M | 2.80 | 5.80 | 63 | | | | | |
| 70/09/10 | 16 30 | 0003 | 13.00 | 0.10M | 1.80 | 6.40 | 67 | | | | | |
| 70/10/08 | 15 15 | 0003 | 11.00 | 0.26M | 1.70 | 4.70 | 69 | | | | | |
| 71/03/03 | 10 25 | 0003 | 2.80 | 0.00 | 0.00 | 1.30 | 68 | | | | | |
| 71/10/27 | 14 20 | 0003 | 22.00 | 0.85 | 5.40 | 9.40 | 70 | | | | | |
| 72/03/23 | 13 05 | 0003 | 11.00 | 0.00 | 1.20 | 2.00 | 84 | | | | | |
| 72/05/23 | 16 10 | 0003 | 20.00 | 0.00 | 4.00 | 9.10 | 68 | | | | | |
| 72/07/18 | 14 45 | 0003 | 8.70 | 0.36 | 1.20 | 4.60 | 65 | | | | | |
| 72/08/22 | 17 00 | 0003 | 23.00 | 0.00 | 4.80 | 11.00 | 67 | | | | | |
| 72/09/21 | 16 45 | 0003 | 18.00 | 1.80 | 1.10 | 8.00 | 69 | | | | | |
| 72/10/17 | 15 25 | 0003 | 5.90 | 0.35 | 1.20 | 5.20 | 53 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052513 D16
38 05 50.0 121 40 05.0 2
SAN JOAQUIN R @ TWITCHELL ISLAND
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0052 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/13 | 13 00 | 0003 | 2.00 | | | 1.10 | 63 | | | | | |
| 73/03/27 | 12 25 | 0003 | 2.10 | | | 1.50 | 58 | | | | | |
| 73/04/10 | 13 20 | 0003 | 6.10 | | | 4.20 | 59 | | | | | |
| 73/04/24 | 11 18 | 0003 | 22.00 | | | 7.30 | 76 | | | | | |
| 73/05/08 | 13 30 | 0003 | 12.00 | | | 8.40 | 61 | | | | | |
| 73/05/29 | 16 55 | 0003 | 4.10 | | | 3.80 | 52 | | | | | |
| 73/06/11 | 17 20 | 0003 | 6.50 | | | 3.50 | 65 | | | | | |
| | 17 21 | 0052 | 4.30 | | | 2.90 | 60 | | | | | |
| 73/06/26 | 16 45 | 0003 | 5.10 | | | 4.90 | 51 | | | | | |
| | 16 46 | 0052 | 5.10 | | | 5.00 | 51 | | | | | |
| 73/07/09 | 15 50 | 0003 | 8.10 | | | 4.80 | 63 | | | | | |
| | 15 51 | 0052 | 7.90 | | | 5.90 | 57 | | | | | |
| 73/08/06 | 15 10 | 0003 | 7.50 | | | 4.60 | 62 | | | | | |
| | 15 11 | 0052 | 7.20 | | | 3.60 | 66 | | | | | |
| 73/08/21 | 12 30 | 0003 | 7.20 | | | 4.00 | 64 | | | | | |
| | 12 31 | 0052 | 7.10 | | | 6.40 | 52 | | | | | |
| 73/09/04 | 13 35 | 0003 | 6.90 | | | 4.40 | 61 | | | | | |
| | 13 36 | 0052 | 6.70 | | | 4.30 | 61 | | | | | |
| 73/09/18 | 12 20 | 0003 | 7.10 | | | 1.90 | 78 | | | | | |
| 73/10/02 | 12 20 | 0003 | 5.70 | | | 3.20 | 64 | | | | | |
| 73/10/30 | 09 50 | 0003 | 7.40 | | | 3.40 | 69 | | | | | |
| 73/12/04 | 13 05 | 0003 | 0.86 | | | 0.94 | 48 | | | | | |
| 74/01/15 | 13 00 | 0003 | 0.86 | | | 0.76 | 53 | | | | | |
| 74/02/13 | 12 35 | 0003 | 1.40 | | | 0.61 | 71 | | | | | |
| 74/03/19 | 16 05 | 0003 | 2.70 | | | 1.00 | 72 | | | | | |
| 74/04/02 | 14 40 | 0003 | 2.10 | | | 1.00 | 66 | | | | | |
| 74/04/17 | 15 10 | 0003 | 4.90 | | | 2.10 | 70 | | | | | |
| 74/04/30 | 13 35 | 0003 | 6.90 | | | 2.50 | 73 | | | | | |
| 74/05/14 | 12 20 | 0003 | 6.90 | | | 3.90 | 64 | | | | | |
| 74/06/12 | 12 00 | 0003 | 9.80 | | | 4.10 | 70 | | | | | |
| 74/06/26 | 11 45 | 0003 | 11.00 | | | 6.50 | 64 | | | | | |
| 74/07/10 | 11 30 | 0003 | 10.00 | | | 8.20 | 55 | | | | | |
| 74/07/24 | 12 05 | 0003 | 8.40 | | | 5.10 | 62 | | | | | |
| 74/08/13 | 17 10 | 0003 | 6.70 | | | 4.50 | 60 | | | | | |
| 74/08/27 | 17 10 | 0003 | 17.00 | | | 4.90 | 78 | | | | | |
| 74/09/12 | 16 15 | 0003 | 19.00 | | | 5.60 | 77 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052513 D16
38 05 50.0 121 40 05.0 2
SAN JOAQUIN R @ TWITCHELL ISLAND
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0052 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/24 | 15 25 | 0003 | 11.00 | | | 3.90 | 74 | | | | | |
| 74/10/08 | 14 00 | 0003 | 5.80 | | | 4.20 | 58 | | | | | |
| 74/10/22 | 14 25 | 0003 | 4.30 | | | 2.40 | 64 | | | | | |
| 74/11/20 | 12 25 | 0003 | 2.10 | | | 1.30 | 62 | | | | | |
| 74/12/10 | 16 50 | 0003 | 1.40 | | | 1.10 | 57 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052513 D16
38 05 50.0 121 40 05.0 2
SAN JOAQUIN R @ TWITCHELL ISLAND
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0052 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML | ED | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/13 | 13 00 | 0003 | 40 14 | 0 | 10 | 0 | 0 | 0 | 242 83 | 292 | | |
| 73/03/27 | 12 25 | 0003 | 12 9 | 0 | 0 | 0 | 36 27 | 0 | 84 | 132 | 77 | |
| 73/04/10 | 13 20 | 0003 | 8 2 | 4 | 20 | 0 | 1 | 1 | 478 93 | 512 | | |
| 73/04/24 | 11 18 | 0003 | 96 10 | 0 | 0 | 36 | 24 2 | 0 | 828 84 | 984 | 87 | |
| 73/05/08 | 13 30 | 0003 | 36 | 0 | 0 | 0 | 72 | 0 | 1092 | 1200 | 91 | |
| 73/06/11 | 17 20 | 0003 | 0 | 0 | 0 | 0 | 12 5 | 0 | 240 | 252 | | |
| 73/06/26 | 16 45 | 0003 | 0 | 0 | 0 | 0 | 12 3 | 0 | 444 | 456 | 97 | |
| 73/07/09 | 15 50 | 0003 | 0 | 0 | 0 | 12 | 48 | 0 | 480 | 540 | 89 | |
| 73/08/06 | 15 10 | 0003 | 24 5 | 0 | 0 | 0 | 36 8 | 0 | 384 | 444 | | |
| 73/08/21 | 12 30 | 0003 | 12 4 | 0 | 0 | 12 | 48 15 | 12 | 228 | 312 | 81 | |
| 73/09/04 | 13 35 | 0003 | 0 0 | 0 | 0 | 0 | 12 9 | 0 | 120 | 132 | | |
| 73/09/18 | 12 20 | 0003 | 10 2 | 0 | 20 | 0 | 0 0 | 0 | 424 | 454 | 93 | |
| 73/10/02 | 12 20 | 0003 | 16 4 | 0 | 0 | 0 | 0 0 | 0 | 345 | 361 | | |
| 73/10/30 | 09 50 | 0003 | 89 26 | 0 | 10 | 0 | 45 13 | 0 | 204 | 348 | 77 | |
| 73/12/04 | 13 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 86 |
| 74/01/15 | 13 00 | 0003 | 57 | 0 | 0 | 0 | 0 | 0 | 34 | 91 | | |
| 74/02/13 | 12 35 | 0003 | 25 | 0 | 0 | 0 | 0 | 0 | 102 | 127 | | |
| 74/03/19 | 16 05 | 0003 | 201 | 0 | 10 | 0 | 0 | 0 | 515 | 726 | | |
| 74/04/02 | 14 40 | 0003 | 81 26 | 0 | 20 | 0 | 10 3 | 0 | 181 58 | 312 | | |
| 74/04/17 | 15 10 | 0003 | 171 19 | 0 | 20 | 10 | 30 3 | 0 | 655 74 | 886 | | |
| 74/04/30 | 13 35 | 0003 | 154 10 | 0 | 0 | 22 | 22 1 | 0 | 1298 87 | 1496 | | |
| 74/05/14 | 12 20 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 2310 | 2332 | | |
| 74/06/12 | 12 00 | 0003 | 308 23 | 0 | 0 | 22 | 22 2 | 0 | 968 73 | 1320 | | |
| 74/06/26 | 11 45 | 0003 | 61 3 | 0 | 0 | 0 | 61 3 | 0 | 1647 93 | 1769 | | |
| 74/07/10 | 11 30 | 0003 | 66 2 | 0 | 0 | 0 | 44 2 | 0 | 2552 96 | 2662 | | |
| 74/07/24 | 12 05 | 0003 | 660 39 | 0 | 0 | 0 | 0 | 0 | 1034 61 | 1694 | | |
| 74/08/13 | 17 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 550 100 | 550 | | |
| 74/08/27 | 17 10 | 0003 | 0 | 0 | 0 | 0 | 22 3 | 0 | 616 97 | 638 | | |
| 74/09/12 | 16 15 | 0003 | 88 12 | 0 | 0 | 0 | 0 0 | 0 | 660 88 | 748 | | |
| 74/09/24 | 15 25 | 0003 | 44 7 | 0 | 0 | 0 | 22 3 | 0 | 572 90 | 638 | | |
| 74/10/08 | 14 00 | 0003 | 66 14 | 0 | 0 | 0 | 0 | 0 | 418 86 | 484 | | |
| 74/10/22 | 14 25 | 0003 | 88 17 | 0 | 0 | 0 | 0 | 0 | 462 87 | 530 | | |
| 74/11/20 | 12 25 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 198 | 242 | | |
| 74/12/10 | 16 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 352 | 352 | | |

STORET RETRIEVAL DATE 77/03/01

052513 D16
38 05 50.0 121 40 05.0 2
SAN JOAQUIN R @ TWITCHELL ISLAND
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0052 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/23 | 09 35 | 0003 | 0.8 | | | | | | | | |
| 68/06/17 | 13 00 | 0003 | 0.8 | | | | | | | | |
| 68/07/17 | 13 00 | 0003 | 0.4 | | | | | | | | |
| 68/08/14 | 11 25 | 0003 | 1.1 | | | | | | | | |
| 68/09/26 | 11 05 | 0003 | 0.5 | | | | | | | | |
| 68/10/28 | 12 25 | 0003 | 0.8 | | | | | | | | |
| 68/11/26 | 11 25 | 0003 | 1.0 | | | | | | | | |
| 68/12/17 | 15 20 | 0003 | 0.7 | | | | | | | | |
| 69/01/27 | 12 25 | 0003 | 1.8 | | | | | | | | |
| 69/02/25 | 11 45 | 0003 | 2.0 | | | | | | | | |
| 69/03/26 | 11 45 | 0003 | 1.6 | | | | | | | | |
| 69/05/07 | 10 50 | 0003 | 0.4 | | | | | | | | |
| 69/06/11 | 18 20 | 0003 | 1.0 | | | | | | | | |
| 69/07/23 | 15 25 | 0003 | 1.8 | | | | | | | | |
| 69/08/20 | 14 35 | 0003 | 1.6 | | | | | | | | |
| 69/09/18 | 13 25 | 0003 | 0.9 | | | | | | | | |
| 69/10/20 | 14 25 | 0003 | 2.8 | | | | | | | | |
| 69/11/24 | 15 00 | 0003 | 1.4 | | | | | | | | |
| 70/02/11 | 11 50 | 0003 | 0.4 | | | | | | | | |
| 70/03/19 | 16 40 | 0003 | 0.8 | | | | | | | | |
| 70/04/17 | 15 45 | 0003 | 1.0 | | | | | | | | |
| 70/05/19 | 19 30 | 0003 | 0.7 | | | | | | | | |
| 70/06/16 | 18 10 | 0003 | 1.8 | | | | | | | | |
| 70/07/14 | 17 12 | 0003 | 1.5 | | | | | | | | |
| 70/08/12 | 16 30 | 0003 | 1.0 | | | | | | | | |
| 70/09/10 | 16 30 | 0003 | 1.4 | | | | | | | | |
| 70/10/08 | 15 15 | 0003 | 0.8 | | | | | | | | |
| 73/04/10 | 13 20 | 0003 | 1.9 | | | | | | | | |
| 73/05/08 | 13 30 | 0003 | 1.8 | | | | | | | | |
| 73/08/06 | 15 10 | 0003 | 0.7 | | | | | | | | |
| 73/09/04 | 13 35 | 0003 | 0.7 | | | | | | | | |
| 73/10/02 | 12 20 | 0003 | 1.4 | | | | | | | | |
| 73/12/04 | 13 05 | 0003 | 1.2 | | | | | | | | |
| 74/01/15 | 13 00 | 0003 | 1.1 | | | | | | | | |
| 74/02/13 | 12 35 | 0003 | 1.2 | | | | | | | | |
| 74/03/19 | 16 05 | 0003 | 1.5 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052513 D16
38 05 50.0 121 40 05.0 2
SAN JOAQUIN R @ TWITCHELL ISLAND
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0052 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/04/02 | 14 40 | 0003 | 1.5 | | | | | | | | |
| 74/04/30 | 13 35 | 0003 | 1.4 | | | | | | | | |
| 74/06/12 | 12 00 | 0003 | 1.1 | | | | | | | | |
| 74/07/10 | 11 30 | 0003 | 1.2 | | | | | | | | |
| 74/08/13 | 17 10 | 0003 | 0.8 | | | | | | | | |
| 74/09/12 | 16 15 | 0003 | 1.0 | | | | | | | | |
| 74/10/08 | 14 00 | 0003 | 1.0 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052514 D17
38 02 40.0 121 36 00.0 2
FALSE RIVER AT WEBB PUMP-D17
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0021 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 36 00 LATITUDE - 38 02 40

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A DEEP CHANNEL ADJACENT TO A SUBMERGED ISLAND.

SAMPLING POINT - FALSE RIVER, ADJACENT TO WEBB PUMP, MIDCHANNEL. DEPTH AT SITE IS 21 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S. B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STATION DISCONTINUED FROM DELTA-SUISUN BAY PROGRAM OCT 1970.

STORET RETRIEVAL DATE 77/03/01

052514 D17
38 02 40.0 121 36 00.0 2
FALSE RIVER AT WEBB PUMP-D17
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0021 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 11 50 | 0003 | 10.64C | | | | | | | | | |
| 68/10/28 | 13 10 | 0003 | 6.84C | | | | | | | | | |
| 68/11/26 | 12 05 | 0003 | 3.27C | | | | | | | | | |
| 68/12/17 | 16 00 | 0003 | 3.04C | | | | | | | | | |
| 69/01/27 | 13 45 | 0003 | 2.13C | | | | | | | | | |
| 69/02/25 | 13 05 | 0003 | 2.96C | | | | | | | | | |
| 69/03/26 | 13 20 | 0003 | 4.94C | | | | | | | | | |
| 69/05/07 | 11 45 | 0003 | 6.38C | | | | | | | | | |
| 69/06/11 | 19 15 | 0003 | 4.71C | | | | | | | | | |
| 69/07/23 | 16 25 | 0003 | 31.16C | | | | | | | | | |
| 69/08/20 | 15 30 | 0003 | 18.24C | | | | | | | | | |
| 69/09/18 | 14 30 | 0003 | 34.00 | 2.50M | 10.00 | 2.90 | 91 | | | | | |
| 69/10/20 | 15 45 | 0003 | 13.00 | 0.82M | 4.60 | 4.10 | 77 | | | | | |
| 69/11/24 | 16 15 | 0003 | 7.45C | | | | | | | | | |
| 70/02/11 | 12 45 | 0003 | 1.90C | | | | | | | | | |
| 70/03/16 | 14 15 | 0003 | 3.88C | | | | | | | | | |
| 70/04/16 | 15 35 | 0003 | 8.36C | | | | | | | | | |
| 70/05/18 | 18 10 | 0003 | 27.00 | 0.56M | 4.90 | 10.00 | 73 | | | | | |
| 70/06/15 | 18 10 | 0003 | 24.00 | 0.29M | 3.50 | 11.00 | 69 | | | | | |
| 70/07/15 | 18 05 | 0003 | 11.00 | 0.07 | 1.60 | 7.80 | 59 | | | | | |
| 70/08/13 | 18 30 | 0003 | 10.00 | 0.04M | 1.80 | 5.70 | 64 | | | | | |
| 70/09/09 | 16 20 | 0003 | 13.00 | 0.19M | 1.60 | 3.80 | 77 | | | | | |
| 70/10/07 | 14 55 | 0003 | 11.00 | 0.21M | 2.20 | 5.10 | 69 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052514 D17
38 02 40.0 121 36 00.0 2
FALSE RIVER AT WEBB PUMP-D17
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0021 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/20 | 14 15 | 0003 | 1.2 | | | | | | | | |
| 68/06/17 | 14 00 | 0003 | 1.0 | | | | | | | | |
| 68/07/17 | 13 55 | 0003 | 0.3 | | | | | | | | |
| 68/08/14 | 12 15 | 0003 | 0.5 | | | | | | | | |
| 68/09/26 | 11 50 | 0003 | 0.8 | | | | | | | | |
| 68/10/28 | 13 10 | 0003 | 0.9 | | | | | | | | |
| 68/11/26 | 12 05 | 0003 | 0.9 | | | | | | | | |
| 68/12/17 | 16 00 | 0003 | 0.5 | | | | | | | | |
| 69/01/27 | 13 45 | 0003 | 1.8 | | | | | | | | |
| 69/02/25 | 13 05 | 0003 | 1.9 | | | | | | | | |
| 69/03/26 | 13 20 | 0003 | 0.8 | | | | | | | | |
| 69/05/07 | 11 45 | 0003 | 0.2K | | | | | | | | |
| 69/06/11 | 19 15 | 0003 | 1.1 | | | | | | | | |
| 69/07/23 | 16 25 | 0003 | 2.0 | | | | | | | | |
| 69/08/20 | 15 30 | 0003 | 2.0 | | | | | | | | |
| 69/09/18 | 14 30 | 0003 | 1.2 | | | | | | | | |
| 69/10/20 | 15 45 | 0003 | 1.0 | | | | | | | | |
| 69/11/24 | 16 15 | 0003 | 1.5 | | | | | | | | |
| 70/02/11 | 12 45 | 0003 | 0.8 | | | | | | | | |
| 70/03/16 | 14 15 | 0003 | 0.7 | | | | | | | | |
| 70/04/16 | 15 35 | 0003 | 1.1 | | | | | | | | |
| 70/05/18 | 18 10 | 0003 | 1.3 | | | | | | | | |
| 70/06/15 | 18 10 | 0003 | 1.7 | | | | | | | | |
| 70/07/15 | 18 05 | 0003 | 1.5 | | | | | | | | |
| 70/08/13 | 18 30 | 0003 | 1.4 | | | | | | | | |
| 70/09/09 | 16 20 | 0003 | 1.6 | | | | | | | | |
| 70/10/07 | 14 55 | 0003 | 1.1 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052515 D18
38 04 20.0 121 34 10.0 2
OLD RIVER AT MOUTH-D18
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 34 10 LATITUDE - 38 04 20

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT - OLD RIVER AT MOUTH, MIDCHANNEL, 400 YARDS EAST OF OVER-POWER CABLE. DEPTH AT SITE IS 30 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

FOR LABORATORY PERFORMING ANALYSIS, SEE USBR DATA APPENDIX.

STATION DISCONTINUED MAR 1971.

STORET RETRIEVAL DATE 77/03/01

052515 D18
38 04 20.0 121 34 10.0 2
OLD RIVER AT MOUTH-D18
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 11 35 | 0003 | 8.36C | | | | | | | | | |
| 68/10/28 | 12 55 | 0003 | 6.31C | | | | | | | | | |
| 68/11/26 | 11 50 | 0003 | 2.89C | | | | | | | | | |
| 68/12/17 | 15 45 | 0003 | 3.65C | | | | | | | | | |
| 69/01/27 | 13 30 | 0003 | 2.36C | | | | | | | | | |
| 69/02/25 | 12 45 | 0003 | 3.04C | | | | | | | | | |
| 69/03/26 | 12 55 | 0003 | 3.80C | | | | | | | | | |
| 69/05/07 | 11 25 | 0003 | 6.69C | | | | | | | | | |
| 69/05/14 | 19 50 | 0003 | | | | | | 1.10M | 0.89 | 1.44 | 1.99 | 0.27 |
| 69/06/11 | 19 00 | 0003 | 4.33C | | | | | 0.00 | 0.59 | 1.08 | 0.59 | 0.08 |
| 69/07/23 | 16 00 | 0003 | 15.20C | | | | | 0.66 | 3.50 | 3.31 | 2.84 | 0.39 |
| 69/08/20 | 15 10 | 0003 | 22.04C | | | | | 1.07 | 4.28 | 3.35 | 3.21 | 0.44 |
| 69/09/18 | 14 05 | 0003 | 21.00 | 1.40M | 8.50 | 2.30 | 90 | 1.02 | 2.55 | 2.16 | 1.53 | 0.21 |
| 69/10/20 | 15 20 | 0003 | 9.60 | 0.62M | 3.00 | 3.80 | 71 | | | | | |
| 69/11/24 | 15 50 | 0003 | 5.93C | | | | | | | | | |
| 70/02/11 | 12 25 | 0003 | 2.05C | | | | | | | | | |
| 70/03/16 | 14 30 | 0003 | 4.18C | | | | | | | | | |
| 70/04/16 | 15 50 | 0003 | 7.30C | | | | | 0.31M | 1.23 | 1.05 | 1.53 | 0.21 |
| 70/05/18 | 18 25 | 0003 | 15.00 | 0.19M | 2.50 | 7.40 | 67 | 0.26 | 3.20 | 2.70 | 2.94 | 0.40 |
| 70/06/15 | 18 25 | 0003 | 13.00 | 0.19M | 1.90 | 8.50 | 61 | 0.02 | 2.41 | 3.00 | 2.39 | 0.33 |
| 70/07/15 | 18 15 | 0003 | 7.60 | 0.23 | 1.40 | 6.00 | 56 | 0.41M | 1.98 | 2.38 | 2.39 | 0.33 |
| 70/08/13 | 18 45 | 0003 | 10.00 | 0.10M | 2.00 | 5.80 | 63 | 0.61M | 3.43 | 2.80 | 4.04 | 0.55 |
| 70/09/09 | 16 40 | 0003 | 10.00 | 0.29 | 1.80 | 3.10 | 77 | 2.27 | 4.38 | 2.57 | 2.11 | 0.29 |
| 70/10/07 | 15 25 | 0003 | 6.80 | 0.30M | 0.59 | 3.60 | 66 | 0.20 | 1.74 | 1.19 | 1.54 | 0.21 |
| 70/11/23 | 13 40 | 0003 | 3.10 | 0.07 | 1.70 | 1.60 | 67 | | | | | |
| 71/03/03 | 11 20 | 0003 | 3.00 | 0.00 | 0.00 | 1.30 | 70 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052515 D18
38 04 20.0 121 34 10.0 2
OLD RIVER AT MOUTH-D18
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 11 50 | 0003 | 10 | 0 | 0 | 0 | 10 | 0 | 50 | 70 |
| 68/12/17 | 15 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 260 | 260 |
| 69/01/27 | 13 30 | 0003 | 20 | 10 | 0 | 0 | 50 | 0 | 90 | 170 |
| 69/02/25 | 12 45 | 0003 | 0 | 0 | 0 | 0 | 10 | 0 | 30 | 40 |
| 69/03/26 | 12 55 | 0003 | 40 | 0 | 0 | 0 | 100 | 0 | 90 | 230 |
| 69/05/07 | 11 25 | 0003 | 70 | 0 | 0 | 0 | 40 | 0 | 320 | 430 |
| 69/07/23 | 16 00 | 0003 | 80 | 0 | 0 | 0 | 30 | 0 | 1160 | 1270 |
| 69/08/20 | 15 10 | 0003 | 190 | 0 | 0 | 0 | 40 | 0 | 2430 | 2670 |
| 69/09/18 | 14 05 | 0003 | 40 | 0 | 0 | 0 | 0 | 0 | 1510 | 1550 |
| 69/10/20 | 15 20 | 0003 | 130 | 0 | 0 | 20 | 100 | 0 | 1030 | 1280 |
| 69/11/24 | 15 50 | 0003 | 60 | 0 | 0 | 0 | 40 | 0 | 460 | 560 |
| 70/02/11 | 12 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 90 |
| 70/03/16 | 14 30 | 0003 | 240 | 0 | 0 | 0 | 390 | 0 | 240 | 870 |
| 70/04/16 | 15 50 | 0003 | 30 | 0 | 0 | 0 | 90 | 0 | 450 | 570 |
| 70/05/18 | 18 25 | 0003 | 60 | 0 | 0 | 0 | 90 | 0 | 1350 | 1500 |
| 70/06/15 | 18 25 | 0003 | 210 | 0 | 0 | 0 | 270 | 0 | 2140 X | 2620 X |
| 70/07/15 | 18 15 | 0003 | 300 | 0 | 0 | 0 | 150 | 0 | 690 X | 1140 X |
| 70/08/13 | 18 45 | 0003 | 150 | 0 | 0 | 0 | 270 | 30 | 1110 | 1560 |
| 70/09/09 | 16 40 | 0003 | 120 | 0 | 0 | 30 | 690 | 30 | 1200 | 2070 |
| 70/10/07 | 15 25 | 0003 | 240 | 0 | 0 | 0 | 90 | 0 | 1170 | 1500 |
| 70/11/23 | 13 40 | 0003 | 30 | 0 | 0 | 60 | 180 | 0 | 390 | 660 |
| 71/03/03 | 11 20 | 0003 | 30 | 0 | 0 | 0 | 300 | 0 | 390 | 720 |

STORET RETRIEVAL DATE 77/03/01

052515 D18
38 04 20.0 121 34 10.0 2
OLD RIVER AT MOUTH-D18
06077 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/20 | 14 00 | 0003 | 1.2 | | | | | | | | |
| 68/06/17 | 13 35 | 0003 | 0.7 | | | | | | | | |
| 68/07/17 | 13 40 | 0003 | 0.8 | | | | | | | | |
| 68/08/14 | 11 55 | 0003 | 0.7 | | | | | | | | |
| 68/09/26 | 11 35 | 0003 | 0.7 | | | | | | | | |
| 68/10/28 | 12 55 | 0003 | 1.2 | | | | | | | | |
| 68/11/26 | 11 50 | 0003 | 0.9 | | | | | | | | |
| 68/12/17 | 15 45 | 0003 | 1.0 | | | | | | | | |
| 69/01/27 | 13 30 | 0003 | 2.7 | | | | | | | | |
| 69/02/25 | 12 45 | 0003 | 2.1 | | | | | | | | |
| 69/03/26 | 12 55 | 0003 | 0.8 | | | | | | | | |
| 69/05/07 | 11 25 | 0003 | 0.2K | | | | | | | | |
| 69/06/11 | 19 00 | 0003 | 1.2 | | | | | | | | |
| 69/07/23 | 16 00 | 0003 | 1.3 | | | | | | | | |
| 69/08/20 | 15 10 | 0003 | 0.7 | | | | | | | | |
| 69/09/18 | 14 05 | 0003 | 0.9 | | | | | | | | |
| 69/10/20 | 15 20 | 0003 | 2.7 | | | | | | | | |
| 69/11/24 | 15 50 | 0003 | 1.2 | | | | | | | | |
| 70/02/11 | 12 25 | 0003 | 0.5 | | | | | | | | |
| 70/03/16 | 14 30 | 0003 | 0.5 | | | | | | | | |
| 70/04/16 | 15 50 | 0003 | 0.9 | | | | | | | | |
| 70/05/18 | 18 25 | 0003 | 0.8 | | | | | | | | |
| 70/06/15 | 18 25 | 0003 | 1.4 | | | | | | | | |
| 70/07/15 | 18 15 | 0003 | 1.2 | | | | | | | | |
| 70/08/13 | 18 45 | 0003 | 1.5 | | | | | | | | |
| 70/09/09 | 16 40 | 0003 | 1.6 | | | | | | | | |
| 70/10/07 | 15 25 | 0003 | | 1.2 | | | | | | | |
| 71/03/03 | 11 20 | 0003 | 1.0 | | 1.1 | 1.6 | 1.9 | 2.3 | | | |

STORET RETRIEVAL DATE 77/03/01

052516 D19
38 03 10.0 121 37 00.0 3
FRANKS TRACT-D19
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 36 50 LATITUDE - 38 02 40

MONITORING STATION FOR DELTA SAN LUIS DRAIN SURVEI LANCE PROGRAM.

DESCRIPTION - LOCATED NEAR THE CENTER OF A SUBMERGED ISLAND.

SAMPLING POINT - LOCATED 1000 YDS NORTHEAST OF BREAK IN LEVEE ON PIPER SLOUGH (NEAR RUSSO'S LANDING) ON AMAGNETIC BEARING OF 45 DEGREES. DEPTH AT SITE IS 7 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052516 D19
38 03 10.0 121 37 00.0 3
FRANKS TRACT-D19
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 12 10 | 0003 | 12.16C | | | | | | | | | | |
| 68/10/28 | 13 25 | 0003 | 5.40C | | | | | | | | | | |
| 68/11/26 | 12 15 | 0003 | 3.42C | | | | | | | | | | |
| 68/12/17 | 16 10 | 0003 | 3.27C | | | | | | | | | | |
| 69/01/27 | 14 20 | 0003 | 2.05C | | | | | | | | | | |
| 69/02/25 | 13 25 | 0003 | 2.36C | | | | | | | | | | |
| 69/03/27 | 13 00 | 0003 | 5.93C | | | | | | | | | | |
| 69/05/07 | 12 00 | 0003 | 6.54C | | | | | | | | | | |
| 69/06/11 | 19 35 | 0003 | 4.94C | | | | | | | | | | |
| 69/07/23 | 16 45 | 0003 | 28.88C | | | | | | | | | | |
| 69/08/20 | 15 50 | 0003 | 18.24C | | | | | | | | | | |
| 69/09/18 | 14 55 | 0003 | 28.00 | 1.40 | 20.00 | 7.90 | 77 | | | | | | |
| 69/10/20 | 16 15 | 0003 | 14.00 | 0.81M | 5.60 | 4.10 | 77 | | | | | | |
| 69/11/24 | 16 45 | 0003 | 6.84C | | | | | | | | | | |
| 70/02/11 | 13 00 | 0003 | 2.20C | | | | | | | | | | |
| 70/03/16 | 15 00 | 0003 | 4.10C | | | | | | | | | | |
| 70/04/16 | 15 15 | 0003 | 8.36C | | | | | | | | | | |
| 70/05/18 | 17 50 | 0003 | 8.20 | 0.21M | 0.66 | 3.30 | 71 | | | | | | |
| 70/06/15 | 17 45 | 0003 | 24.00 | 0.02M | 3.30 | 10.00 | 70 | | | | | | |
| 70/07/15 | 17 45 | 0003 | 16.00 | 0.05 | 2.00 | 9.50 | 61 | | | | | | |
| 70/08/13 | 18 10 | 0003 | 13.00 | 0.21M | 2.30 | 5.70 | 69 | | | | | | |
| 70/09/09 | 16 00 | 0003 | 15.00 | 0.002 | 2.30 | 5.80 | 73 | | | | | | |
| 70/10/07 | 14 25 | 0003 | 12.00 | 0.39M | 2.50 | 5.80 | 67 | | | | | | |
| 70/11/23 | 13 15 | 0003 | 7.10 | 0.22M | 2.40 | 3.00 | 66 | | | | | | |
| 71/03/03 | 10 55 | 0003 | 2.90 | 0.00 | 0.00 | 1.30 | 68 | | | | | | |
| 71/03/24 | 16 45 | 0003 | 5.20 | 0.00 | 0.22 | 2.20 | 70 | | | | | | |
| 71/04/06 | 15 40 | 0003 | 5.00 | 0.00 | 0.00 | 1.50 | 77 | | | | | | |
| 71/04/21 | 15 50 | 0003 | 9.60 | 0.00 | 1.70 | 3.30 | 74 | | | | | | |
| 71/05/05 | 16 00 | 0003 | 27.00 | 0.00 | 7.70 | 7.30 | 79 | 0.60 | 2.30 | 2.20 | 1.70 | 0.60 | |
| 71/05/19 | 16 55 | 0003 | 15.00 | 0.02 | 6.50 | 4.70 | 76 | | | | | | |
| 71/06/03 | 16 15 | 0003 | 20.00 | 0.07 | 4.70 | 6.30 | 75 | 0.84 | 1.69 | 2.40 | 0.85 | 0.30 | |
| 71/06/16 | 15 35 | 0003 | 20.00 | 0.03 | 3.30 | 6.10 | 76 | | | | | | |
| 71/07/01 | 14 50 | 0003 | 17.00 | 0.83 | 4.70 | 5.70 | 74 | 0.89 | 2.03 | 2.00 | 1.13 | 0.40 | |
| 71/07/15 | 15 05 | 0003 | 12.00 | 0.41 | 2.40 | 7.40 | 60 | | | | | | |
| 71/08/04 | 17 30 | 0003 | 15.00 | 0.00 | 5.00 | 8.00 | 64 | 1.14 | 3.04 | 2.70 | 1.90 | 0.67 | 3.46 |
| 71/08/16 | 15 30 | 0003 | 5.10 | 0.30 | 1.50 | 2.10 | 70 | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052516 D19
38 03 10.0 121 37 00.0 3
FRANKS TRACT-D19
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/09/01 | 17 35 | 0003 | 17.00 | 0.56 | 3.90 | 7.40 | 69 | 0.59 | 1.65 | 1.95 | 1.06 | 0.38 | 3.00 |
| 71/09/14 | 16 50 | 0003 | 17.00 | 0.46 | 3.30 | 4.80 | 77 | | | | | | |
| 71/09/29 | 15 50 | 0003 | 20.00 | 0.58 | 3.10 | 9.70 | 67 | 1.37 | 2.87 | 2.50 | 1.50 | 0.53 | 2.10 |
| 71/10/14 | 15 35 | 0003 | 23.00 | 1.10 | 3.70 | 9.70 | 70 | | | | | | |
| 71/10/27 | 14 55 | 0003 | 21.00 | 0.37 | 3.90 | 5.50 | 79 | 1.39 | 2.14 | 1.73 | 0.75 | 0.27 | 1.52 |
| 71/11/16 | 16 45 | 0003 | 10.00 | 0.15 | 1.40 | 3.70 | 73 | | | | | | |
| 72/03/08 | 12 25 | 0003 | 8.50 | 0.21 | 2.10 | 2.00 | 81 | | | | | | |
| 72/03/23 | 13 35 | 0003 | 10.00 | 0.31 | 0.44 | 2.60 | 79 | 0.83 | 1.62 | 1.27 | 0.79 | 0.28 | |
| 72/04/11 | 15 40 | 0003 | 28.00 | 0.70 | 4.50 | 12.00 | 69 | | | | | | |
| 72/05/08 | 15 55 | 0003 | 16.00 | 1.20 | 3.40 | 5.80 | 72 | | | | | | |
| 72/05/23 | 16 45 | 0003 | 18.00 | 0.12 | 2.80 | 7.30 | 71 | 1.95 | 3.35 | 1.91 | 1.41 | 0.50 | |
| 72/06/06 | 15 20 | 0003 | 8.00 | 0.52 | 0.76 | 6.40 | 55 | | | | | | |
| 72/07/05 | 15 45 | 0003 | 5.60 | 0.21 | 0.00 | 4.30 | 56 | | | | | | |
| 72/07/18 | 16 00 | 0003 | 7.60 | 0.50 | 1.70 | 4.90 | 60 | 1.02 | 2.00 | 1.19 | 0.97 | 0.34 | |
| 72/08/03 | 16 50 | 0003 | 10.00 | 0.22 | 1.20 | 5.40 | 65 | | | | | | |
| 72/08/22 | 18 00 | 0003 | 20.00 | 0.57 | 5.20 | 5.90 | 76 | 1.56 | 2.58 | 2.13 | 1.02 | 0.36 | |
| 72/09/06 | 17 40 | 0003 | 16.00 | 1.10 | 3.30 | 6.20 | 72 | | | | | | |
| 72/09/21 | 17 10 | 0003 | 16.00 | 0.39 | 2.30 | 5.70 | 73 | 0.93 | 2.07 | 0.80 | 1.13 | 0.40 | |
| 72/10/03 | 16 55 | 0003 | 11.00 | 0.00 | 2.30 | 5.80 | 66 | | | | | | |
| 72/10/17 | 16 25 | 0003 | 5.30 | 0.23 | 0.69 | 3.30 | 62 | | | | | | |
| 72/11/15 | 13 40 | 0003 | 3.70 | 0.73 | 0.70 | 5.80 | 39 | | | | | | |
| 72/12/12 | 11 35 | 0003 | 1.00 | 0.03 | 0.005 | 1.10 | 48 | | | | | | |
| 73/02/13 | 15 15 | 0003 | 1.50 | | | 1.10 | 58 | | | | | | |
| 73/03/13 | 13 30 | 0003 | 1.90 | | | 1.30 | 60 | 0.16 | 0.26 | 0.20 | 0.10 | 0.04 | |
| 73/03/27 | 13 15 | 0003 | 6.90 | | | 1.70 | 80 | | | | | | |
| 73/04/10 | 14 30 | 0003 | 11.00 | | | 4.60 | 70 | 0.65 | 1.99 | 1.17 | 1.34 | 0.47 | |
| 73/04/24 | 12 40 | 0003 | 26.00 | | | 6.40 | 80 | | | | | | |
| 73/05/08 | 14 40 | 0003 | 15.00 | | | 5.00 | 75 | 1.35 | 2.86 | 1.45 | 1.51 | 0.53 | |
| 73/05/29 | 17 50 | 0003 | 6.00 | | | 3.80 | 61 | | | | | | |
| 73/06/11 | 18 25 | 0003 | 6.00 | | | 3.20 | 65 | 1.32 | 2.40 | 1.11 | 1.08 | 0.38 | |
| 73/06/26 | 17 50 | 0003 | 6.40 | | | 3.80 | 63 | | | | | | |
| 73/07/09 | 17 00 | 0003 | 10.00 | | | 4.40 | 71 | 0.53 | 1.53 | 0.68 | 1.00 | 0.35 | |
| 73/08/06 | 15 45 | 0003 | 9.80 | | | 5.10 | 66 | 1.21 | 2.37 | 1.41 | 1.15 | 0.41 | |
| 73/08/21 | 13 40 | 0003 | 8.40 | | | 4.20 | 66 | | | | | | |
| 73/09/04 | 14 45 | 0003 | 7.80 | | | 4.50 | 63 | 1.69 | 2.26 | 1.15 | 0.57 | 0.20 | |
| 73/09/18 | 13 20 | 0003 | 8.30 | | | 2.80 | 75 | | | | | | |

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38 03 10.0 121 37 00.0 3
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SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/10/02 | 13 35 | 0003 | 6.10 | | | 2.80 | 68 | 0.47 | 1.40 | 0.75 | 0.93 | 0.33 |
| 73/10/30 | 10 55 | 0003 | 8.60 | | | 3.60 | 70 | | | | | |
| 73/12/04 | 14 00 | 0003 | 1.20 | | | 1.10 | 54 | | | | | |
| 74/01/15 | 14 10 | 0003 | 1.20 | | | 1.20 | 49 | | | | | |
| 74/03/19 | 17 10 | 0003 | 4.00 | | | 1.30 | 75 | | | | | |
| 74/04/03 | 16 15 | 0003 | 2.40 | | | 1.20 | 66 | | | | | |
| 74/04/17 | 16 05 | 0003 | 8.60 | | | 3.40 | 72 | | | | | |
| 74/04/30 | 14 35 | 0003 | 10.00 | | | 4.10 | 72 | | | | | |
| 74/05/14 | 13 25 | 0003 | 21.00 | | | 5.70 | 79 | | | | | |
| 74/06/12 | 12 55 | 0003 | 14.00 | | | 8.00 | 65 | | | | | |
| 74/06/26 | 12 40 | 0003 | 15.00 | | | 6.60 | 70 | | | | | |
| 74/07/10 | 10 35 | 0003 | 11.00 | | | 5.70 | 66 | | | | | |
| 74/07/24 | 11 05 | 0003 | 8.40 | | | 5.80 | 59 | | | | | |
| 74/08/13 | 16 15 | 0003 | 7.40 | | | 4.60 | 61 | | | | | |
| 74/08/27 | 16 10 | 0003 | 10.00 | | | 5.90 | 64 | | | | | |
| 74/09/24 | 14 35 | 0003 | 10.00 | | | 4.00 | 72 | | | | | |
| 74/10/08 | 13 05 | 0003 | 6.30 | | | 4.90 | 56 | | | | | |
| 74/10/22 | 13 35 | 0003 | 6.40 | | | 2.30 | 73 | | | | | |
| 74/11/20 | 11 20 | 0003 | 2.40 | | | 1.90 | 57 | | | | | |
| 74/12/10 | 15 30 | 0003 | 1.90 | | | 1.20 | 61 | | | | | |

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/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 12 15 | 0003 | 0 | 0 | 0 | 0 | 20 | 0 | 70 | 90 |
| 68/12/17 | 16 10 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 100 | 110 |
| 69/01/27 | 14 20 | 0003 | 10 | 0 | 0 | 20 | 30 | 0 | 30 | 90 |
| 69/02/25 | 13 25 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 20 | 30 |
| 69/03/27 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 80 | 0 | 60 | 140 |
| 69/05/07 | 12 00 | 0003 | 50 | 0 | 0 | 20 | 70 | 0 | 280 | 420 |
| 69/06/11 | 19 35 | 0003 | 50 | 0 | 0 | 0 | 110 | 0 | 60 | 220 |
| 69/07/23 | 16 45 | 0003 | 180 | 0 | 0 | 40 | 20 | 0 | 3510 | 3750 |
| 69/08/20 | 15 50 | 0003 | 100 | 0 | 0 | 20 | 0 | 0 | 3720 | 3840 |
| 69/09/18 | 14 55 | 0003 | 10 | 0 | 0 | 0 | 0 | 10 | 1270 | 1290 |
| 69/10/20 | 16 15 | 0003 | 120 | 0 | 0 | 0 | 160 | 10 | 1810 | 2100 |
| 69/11/24 | 16 45 | 0003 | 50 | 0 | 0 | 0 | 100 | 0 | 500 | 650 |
| 70/02/11 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 120 |
| 70/03/16 | 15 00 | 0003 | 360 | 0 | 0 | 0 | 160 | 0 | 60 | 580 |
| 70/04/16 | 15 15 | 0003 | 0 | 0 | 0 | 0 | 30 | 0 | 180 | 210 |
| 70/05/18 | 17 50 | 0003 | 270 | 0 | 0 | 0 | 90 | 0 | 2970 | 3330 |
| 70/06/15 | 17 45 | 0003 | 300 | 0 | 0 | 0 | 150 | 0 | 3200 | 3650 |
| 70/07/15 | 17 45 | 0003 | 240 | 0 | 0 | 0 | 150 | 0 | 1870 | 2260 |
| 70/08/13 | 18 10 | 0003 | 60 | 0 | 0 | 0 | 330 | 0 | 600 | 990 |
| 70/09/09 | 16 00 | 0003 | 90 | 0 | 0 | 0 | 450 | 0 | 1670 | 2210 |
| 70/10/07 | 14 25 | 0003 | 120 | 0 | 0 | 0 | 90 | 0 | 1560 | 1770 |
| 70/11/23 | 13 15 | 0003 | 270 | 0 | 0 | 0 | 510 | 0 | 2230 | 3010 |
| 71/03/03 | 10 55 | 0003 | 180 | 0 | 0 | 0 | 210 | 0 | 150 | 540 |
| 71/04/06 | 15 40 | 0003 | 120 | 0 | 0 | 0 | 120 | 0 | 510 | 750 |
| 71/05/05 | 16 00 | 0003 | 300 | 0 | 0 | 0 | 840 | 0 | 5790 | 6930 |
| 71/06/03 | 16 15 | 0003 | 150 | 0 | 0 | 0 | 1100 | 0 | 4990 | 6240 |
| 71/07/01 | 14 50 | 0003 | 540 | 0 | 0 | 0 | 750 | 0 | 4080 | 5370 |
| 71/08/04 | 17 30 | 0003 | 240 | 0 | 0 | 0 | 150 | 0 | 2830 | 3220 |
| 71/09/01 | 17 35 | 0003 | 0 | 5 | 0 | 0 | 0 | 0 | 2146 | 2151 |
| 71/09/29 | 15 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1378 | 1378 |
| 71/10/27 | 14 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 657 | 657 |
| 71/11/16 | 16 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 408 | 408 |
| 72/03/23 | 13 35 | 0003 | 8J | 0J | 0J | 4J | 0J | 0J | 318J | 330J |
| 72/05/23 | 16 45 | 0003 | 34J | 0J | 0J | 0J | 34J | 4J | 446J | 518J |
| 72/08/22 | 18 00 | 0003 | 20J | 0J | 0J | 4J | 18J | 0J | 432J | 474J |
| 72/09/21 | 17 10 | 0003 | 35 | 0 | 0 | 0 | 0 | 0 | 314 | 349 |

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/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/10/17 | 16 25 | 0003 | 15 | 0 | 0 | 0 | 0 | 0 | 115 | 130 |
| 72/11/15 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 101 | 101 |
| 72/12/12 | 11 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/13 | 15 15 | 0003 | 10 | 0 | 15 | 0 | 0 | 0 | 30 | 55 |
| 73/03/13 | 13 30 | 0003 | 141 52 | 0 | 10 | 0 | 20 7 | 10 | 90 33 | 271 |
| 73/03/27 | 13 15 | 0003 | 24 9 | 0 | 0 | 0 | 24 9 | 0 | 216 82 | 264 |
| 73/04/10 | 14 30 | 0003 | 247 34 | 0 | 56 | 0 | 66 9 | 0 | 368 50 | 737 |
| 73/04/24 | 12 40 | 0003 | 12 1 | 0 | 0 | 12 | 36 4 | 0 | 936 94 | 996 |
| 73/05/08 | 14 40 | 0003 | 416 16 | 0 | 0 | 96 | 793 31 | 0 | 1221 48 | 2526 |
| 73/05/29 | 17 50 | 0003 | 12 6 | 0 | 0 | 0 | 12 6 | 0 | 180 88 | 204 |
| 73/06/11 | 18 25 | 0003 | 12 4 | 0 | 0 | 24 | 24 8 | 0 | 228 79 | 288 |
| 73/06/26 | 17 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 312 100 | 312 |
| 73/07/09 | 17 00 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 660 | 672 |
| 73/08/06 | 15 45 | 0003 | 48 6 | 0 | 0 | 12 | 24 3 | 0 | 732 90 | 816 |
| 73/08/21 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 36 6 | 0 | 600 94 | 636 |
| 73/09/04 | 14 45 | 0003 | 12 4 | 0 | 0 | 0 | 24 7 | 0 | 300 89 | 336 |
| 73/09/18 | 13 20 | 0003 | 540 57 | 0 | 54 | 0 | 10 1 | 0 | 338 36 | 942 |
| 73/10/02 | 13 35 | 0003 | 10 4 | 0 | 10 | 0 | 0 | 0 | 212 92 | 232 |
| 73/10/30 | 10 55 | 0003 | 15 9 | 0 | 10 | 0 | 40 24 | 0 | 105 62 | 170 |
| 73/12/04 | 14 00 | 0003 | 40 20 | 0 | 45 | 0 | 0 | 0 | 111 57 | 196 |
| 74/01/15 | 14 10 | 0003 | 116 | 0 | 5 | 0 | 0 | 0 | 50 | 171 |
| 74/02/13 | 13 40 | 0003 | 146 | 0 | 10 | 10 | 0 | 0 | 87 | 253 |
| 74/03/19 | 17 10 | 0003 | 242 | 0 | 10 | 0 | 10 | 0 | 30 | 292 |
| 74/04/03 | 16 15 | 0003 | 81 37 | 0 | 30 | 0 | 20 9 | 0 | 90 41 | 221 |
| 74/04/17 | 16 05 | 0003 | 330 20 | 0 | 10 | 0 | 29 2 | 0 | 1253 77 | 1622 |
| 74/04/30 | 14 35 | 0003 | 376 23 | 0 | 0 | 22 | 22 1 | 0 | 1210 74 | 1630 |
| 74/05/14 | 13 25 | 0003 | 220 | 0 | 0 | 44 | 0 | 0 | 7216 | 7480 |
| 74/06/12 | 12 55 | 0003 | 132 | 0 | 0 | 44 | 0 | 0 | 1826 | 2002 |
| 74/07/10 | 10 35 | 0003 | 22 1 | 0 | 0 | 0 | 0 | 0 | 2288 99 | 2310 |
| 74/07/24 | 11 05 | 0003 | 220 18 | 0 | 0 | 22 | 44 4 | 0 | 902 76 | 1188 |
| 74/08/13 | 16 15 | 0003 | 0 | 0 | 0 | 0 | 66 | 0 | 946 | 1012 |
| 74/08/27 | 16 10 | 0003 | 0 | 0 | 0 | 0 | 44 | 0 | 704 | 748 |
| 74/09/24 | 14 35 | 0003 | 286 | 0 | 0 | 44 | 22 | 22 | 550 | 924 |
| 74/10/08 | 13 05 | 0003 | 88 14 | 0 | 0 | 0 | 0 | 0 | 660 88 | 748 |
| 74/10/22 | 13 35 | 0003 | 220 36 | 0 | 0 | 22 | 0 | 0 | 374 61 | 616 |
| 74/11/20 | 11 20 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 330 | 352 |
| 74/12/10 | 15 30 | 0003 | 154 | 0 | 0 | 22 | 0 | 0 | 176 | 352 |

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/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/01/18 | | | 0.0015J | | | |
| 71/02/17 | | | 0.0018J | | | |
| 71/03/04 | | | 0.0016J | 13.00L | 0.00L | 6.00L |
| 71/04/09 | | | 0.0092J | 15.00 | 0.28 | 5.00 |
| 71/04/21 | | | | 37.06L | 0.00L | 4.12L |
| 71/05/03 | | | 0.0269J | 159.00L | 0.59L | 16.00L |
| 71/05/19 | | | | 410.00L | 0.00L | 32.35L |
| 71/06/02 | | | 0.0553J | 196.00 | 2.97 | 18.00 |
| 71/06/16 | | | | 307.10L | 0.00L | 12.94L |
| 71/07/01 | | | 0.0247J | 385.30L | 0.00L | 30.59L |
| 71/07/29 | | | 0.0000 | 261.00L | 0.00L | 35.00L |
| 71/08/04 | | | | 920.60L | 0.59L | 60.59L |
| 71/08/17 | | | | 102.90L | 0.00L | 52.94L |
| 71/08/30 | | | 0.0000 | 305.40 | 5.38 | 63.66 |
| 71/09/15 | | | | 125.30L | 0.00L | 25.88L |
| 71/09/28 | | | | 303.50L | 2.35L | 6.47L |
| 71/10/12 | | | 0.0008J | 169.00 | 56.25 | 26.00 |
| 71/11/08 | | | 0.0283J | 220.00L | 2.94L | 24.00L |
| 71/12/08 | | | 0.0045J | 0.34L | 1.77L | 2.00 |
| 72/01/11 | | | 0.0000 | 25.00 | 0.22 | 9.00 |
| 72/02/09 | | | 0.0000 | 9.00 | 0.02 | 9.00 |
| 72/03/09 | | | 0.0000 | 13.00 | 0.04 | 7.00 |
| 72/04/06 | | | 0.0004 | 254.00 | 0.35 | 22.00 |
| 72/04/19 | | | 0.0018 | 489.00 | 1.64 | 17.00 |
| 72/05/03 | | | 0.0044 | 381.00 | 1.00 | 32.00 |
| 72/05/17 | | | 0.0024 | 1519.00 | 29.30 | 46.00 |
| 72/06/05 | | | 0.0203 | 40.00 | 9.50 | 37.00 |
| 72/06/19 | | | 0.0007 | 83.00 | 8.40 | 31.00 |
| 72/07/04 | | | 0.0098 | 94.00 | 4.05 | 70.00 |
| 72/07/17 | | | 0.0012 | 444.00 | 8.59 | 47.00 |
| 72/08/01 | | | 0.0010 | 133.00 | 2.41 | 26.00 |
| 72/08/14 | | | 0.0005 | 678.00 | 6.12 | 77.00 |
| 72/09/12 | | | 0.0076 | 174.00 | 2.32 | 38.00 |
| 72/09/27 | | | 0.0096 | 798.00 | 3.93 | 45.00 |
| 72/10/11 | | | 0.0012 | 1554.00 | 0.69 | 20.00 |
| 72/10/26 | | | 0.0013 | 959.00 | 0.74 | 16.00 |

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/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/11/14 | | | 0.0260 | 967.00 | 0.92 | 13.00 |
| 72/12/14 | | | 0.0000 | 57.00 | 0.16 | 6.00 |
| 73/03/13 | | | 0.0000 | 25.62 | 1.23 | 17.93 |
| 73/04/09 | | | 0.0001 | 34.79 | 0.80 | 14.04 |
| 73/04/24 | | | 0.0001 | 112.50 | 6.74 | 38.24 |
| 73/05/08 | | | 0.0045 | 231.70 | 8.40 | 37.04 |
| 73/05/23 | | | 0.0022 | 53.53 | 0.73 | 10.26 |
| 73/06/06 | | | 0.0009 | 57.07 | 0.38 | 4.28 |
| 73/06/25 | | | 0.0000 | 243.50 | 1.38 | 13.27 |
| 73/07/06 | | | 0.0002 | 562.00 | 4.37 | 19.61 |
| 73/07/23 | | | 0.0007 | 271.30 | 4.78 | 48.54 |
| 73/08/06 | | | 0.0008 | 199.90 | 8.48 | 36.29 |
| 73/08/20 | | | 0.0003 | 265.80 | 3.23 | 14.22 |
| 73/09/04 | | | 0.0000 | 245.40 | 5.77 | 5.27 |
| 73/09/17 | | | 0.0000 | 309.90 | 5.31 | 9.88 |
| 73/10/01 | | | 0.0000 | 441.30 | 10.15 | 4.12 |
| 73/10/15 | | | 0.0000 | 163.70 | 8.93 | 4.25 |
| 73/11/15 | | | 0.0000 | 94.93 | 7.34 | 1.41 |
| 74/03/13 | | | 0.0002 | 35.27 | 0.13 | 8.91 |
| 74/03/29 | | | 0.0005 | 89.36 | 0.36 | 11.13 |
| 74/04/15 | | | 0.0018 | 158.50 | 3.85 | 24.68 |
| 74/05/10 | | | 0.0013 | 188.70 | 26.87 | 33.12 |
| 74/05/27 | | | 0.0103 | 331.90 | 9.05 | 21.38 |
| 74/06/10 | | | 0.0116 | 246.10 | 0.55 | 20.44 |
| 74/06/24 | | | 0.0018 | 597.40 | 3.72 | 18.69 |
| 74/07/09 | | | 0.0075 | 1155.00 | 1.57 | 36.92 |
| 74/07/23 | | | 0.0030 | 120.40 | 2.17 | 10.45 |
| 74/08/07 | | | 0.0003 | 125.20 | 11.09 | 6.42 |
| 74/08/22 | | | 0.0004 | 206.00 | 5.34 | 20.70 |
| 74/09/06 | | | 0.0001 | 231.40 | 17.75 | 17.33 |
| 74/09/20 | | | 0.0001 | 175.10 | 7.22 | 20.02 |
| 74/10/04 | | | 0.0009 | 282.10 | 9.90 | 13.84 |
| 74/10/21 | | | 0.0001 | 114.90 | 12.43 | 6.24 |
| 74/11/18 | | | 0.0010 | 14.29 | 4.34 | 3.55 |

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FRANKS TRACT-D19
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/TYPA/AMBNT/STREAM

113BUREC 04001004
0007 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/23 | 11 40 | 0003 | 0.9 | | | | | | | | |
| 68/07/17 | 16 15 | 0003 | 0.2 | | | | | | | | |
| 68/08/14 | 12 35 | 0003 | 0.9 | | | | | | | | |
| 68/09/26 | 12 10 | 0003 | 1.1 | | | | | | | | |
| 68/10/28 | 13 25 | 0003 | 1.1 | | | | | | | | |
| 68/11/26 | 12 15 | 0003 | 1.0 | | | | | | | | |
| 68/12/17 | 16 10 | 0003 | 0.8 | | | | | | | | |
| 69/01/27 | 14 20 | 0003 | 1.2 | | | | | | | | |
| 69/02/25 | 13 25 | 0003 | 1.8 | | | | | | | | |
| 69/03/27 | 13 00 | 0003 | 1.3 | | | | | | | | |
| 69/05/07 | 12 00 | 0003 | 0.5 | | | | | | | | |
| 69/06/11 | 19 35 | 0003 | 1.0 | | | | | | | | |
| 69/07/23 | 16 45 | 0003 | 1.7 | | | | | | | | |
| 69/08/20 | 15 50 | 0003 | 1.4 | | | | | | | | |
| 69/09/18 | 14 55 | 0003 | 1.3 | | | | | | | | |
| 69/10/20 | 16 15 | 0003 | 1.0 | | | | | | | | |
| 69/11/24 | 16 45 | 0003 | 1.4 | | | | | | | | |
| 70/02/11 | 13 00 | 0003 | 0.6 | | | | | | | | |
| 70/03/16 | 15 00 | 0003 | 0.9 | | | | | | | | |
| 70/04/16 | 15 15 | 0003 | 1.0 | | | | | | | | |
| 70/05/18 | 17 50 | 0003 | 0.5 | | | | | | | | |
| 70/06/15 | 17 45 | 0003 | 1.5 | | | | | | | | |
| 70/07/15 | 17 45 | 0003 | 1.5 | | | | | | | | |
| 70/08/13 | 18 10 | 0003 | 1.3 | | | | | | | | |
| 70/09/09 | 16 00 | 0003 | 1.6 | | | | | | | | |
| 70/10/07 | 14 25 | 0003 | | 1.2 | | | | | | | |
| 71/03/03 | 10 55 | 0003 | 0.6 | | 0.8 | 1.4 | 1.8 | 1.5 | | | |
| 71/04/06 | 15 40 | 0003 | 0.4 | | 0.9 | 1.3 | 2.0 | 1.9 | | | |
| 71/05/05 | 16 00 | 0003 | | | 2.1 | 2.4 | 3.4 | | 3.7 | | 4.2 |
| 71/06/03 | 16 15 | 0003 | | | | 3.0 | 3.3 | | 4.1 | | 4.4 |
| 71/07/01 | 14 50 | 0003 | | | 2.2 | 3.3 | 3.7 | | 4.1 | | 4.6 |
| 71/08/04 | 17 30 | 0003 | | | 1.6 | 2.4 | 3.0 | | 3.7 | | 3.8 |
| 71/09/01 | 17 35 | 0003 | | | 1.8 | 2.9 | 3.1 | | 5.9 | | 5.7 |
| 71/09/29 | 15 50 | 0003 | | | 1.2 | 2.3 | 3.3 | | 3.7 | | 3.9 |
| 71/10/27 | 14 55 | 0003 | | | 1.2 | 2.2 | 2.7 | | 3.4 | | 3.8 |
| 71/11/16 | 16 45 | 0003 | | | 1.6 | 2.3 | 2.8 | | 3.6 | | 3.7 |
| 72/07/18 | 16 00 | 0003 | | | 1.3 | | | | | | |
| 72/09/21 | 17 10 | 0003 | | | 1.7 | 2.6 | | | | | 4.4 |

STORET RETRIEVAL DATE 77/03/01

052517 D20
38 00 40.0 121 38 20.0 2
DUTCH SL. AT FARRAR PARK BRIDGE
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0013 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 38 20 LATITUDE - 38 00 40

MONITORING STATION FOR DELTA SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT - SOUTH SIDE OF DUTCH SLOUGH, AT USBR EC RECORDER,WEST OF FARRAR PARK BRIDGE. DEPTH AT SITE IS 13 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052517 D20
38 00 40.0 121 38 20.0 2
DUTCH SL. AT FARRAR PARK BRIDGE
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0013 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 12 40 | 0003 | 11.40C | | | | | | | | | |
| 68/10/28 | 12 55 | 0003 | 7.14C | | | | | | | | | |
| 68/11/26 | 11 55 | 0003 | 3.19C | | | | | | | | | |
| 68/12/17 | 14 20 | 0003 | 3.57C | | | | | | | | | |
| 69/02/26 | 12 30 | 0003 | 3.04C | | | | | | | | | |
| 69/03/28 | 15 30 | 0003 | 6.69C | | | | | | | | | |
| 69/04/25 | 13 45 | 0003 | 6.84C | | | | | | | | | |
| 69/06/09 | 15 15 | 0003 | 6.54C | | | | | | | | | |
| 69/07/23 | 14 10 | 0003 | 22.80C | | | | | | | | | |
| 69/08/20 | 13 25 | 0003 | 12.92C | | | | | | | | | |
| 69/09/18 | 14 45 | 0003 | 23.00 | 3.10M | 6.60 | 6.80 | 77 | | | | | |
| 69/10/17 | 12 45 | 0003 | 16.00 | 0.69M | 6.70 | 7.30 | 69 | | | | | |
| 69/11/19 | 12 00 | 0003 | 17.48C | | | | | | | | | |
| 70/02/13 | 12 00 | 0003 | 4.33C | | | | | | | | | |
| 70/03/17 | 14 30 | 0003 | 6.23C | | | | | | | | | |
| 70/04/16 | 14 25 | 0003 | 10.64C | | | | | | | | | |
| 70/05/19 | 17 30 | 0003 | 18.00 | 0.43M | 4.20 | 6.60 | 73 | | | | | |
| 70/06/16 | 15 00 | 0003 | 20.00 | 0.36M | 2.70 | 10.00 | 67 | | | | | |
| 70/07/14 | 14 10 | 0003 | 35.00 | 0.27M | 4.20 | 16.00 | 69 | | | | | |
| 70/08/13 | 16 45 | 0003 | 28.00 | 0.77M | 5.00 | 12.00 | 70 | | | | | |
| 70/09/11 | 16 00 | 0003 | 14.00 | 0.11M | 2.60 | 9.40 | 60 | | | | | |
| 70/10/08 | 13 30 | 0003 | 14.00 | 0.57 | 8.00 | 7.50 | 64 | | | | | |
| 71/03/05 | 12 50 | 0003 | 3.70 | 0.00 | 0.00 | 2.70 | 57 | | | | | |
| 71/04/06 | 13 00 | 0003 | 11.00 | 0.05 | 1.20 | 4.90 | 68 | | | | | |
| 71/05/04 | 14 40 | 0003 | 32.00 | 0.00 | 8.50 | 9.20 | 77 | | | | | |
| 71/06/02 | 14 10 | 0003 | 18.00 | 0.00 | 3.20 | 6.10 | 74 | | | | | |
| 71/06/30 | 13 00 | 0003 | 16.00 | 0.68 | 3.00 | 8.50 | 64 | | | | | |
| 71/08/03 | 16 00 | 0003 | 17.00 | 0.34 | 5.00 | 7.00 | 70 | | | | | |
| 71/09/28 | 14 00 | 0003 | 30.00 | 0.97 | 6.70 | 13.00 | 69 | | | | | |
| 71/10/26 | 13 15 | 0003 | 16.00 | 0.00 | 3.60 | 5.00 | 76 | | | | | |
| 72/03/22 | 13 00 | 0003 | 43.00 | 0.00 | 2.40 | 10.00 | 80 | | | | | |
| 72/04/24 | 15 30 | 0003 | 12.00 | 0.17 | 2.10 | 5.80 | 67 | | | | | |
| 72/05/22 | 14 45 | 0003 | 21.00 | 0.99 | 2.60 | 6.10 | 77 | | | | | |
| 72/06/20 | 14 55 | 0003 | 13.00 | 0.18 | 2.40 | 6.50 | 66 | | | | | |
| 72/07/18 | 13 50 | 0003 | 17.00 | 1.10 | 2.10 | 12.00 | 59 | | | | | |
| 72/08/21 | 16 45 | 0003 | 21.00 | 1.20 | 6.80 | 9.90 | 68 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052517 D20
38 00 40.0 121 38 20.0 2
DUTCH SL. AT FARRAR PARK BRIDGE
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0013 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/21 | 17 20 | 0003 | 17.00 | 0.50 | 1.80 | 6.90 | 71 | | | | | |
| 72/10/18 | 16 30 | 0003 | 7.30 | 0.66 | 0.99 | 6.50 | 52 | | | | | |
| 73/03/12 | 10 50 | 0003 | 3.60 | | | 2.30 | 60 | | | | | |
| 73/03/26 | 10 00 | 0003 | 5.60 | | | 2.70 | 68 | | | | | |
| 73/04/09 | 10 30 | 0003 | 10.00 | | | 6.60 | 61 | | | | | |
| 73/04/23 | 09 15 | 0003 | 54.00 | | | 19.00 | 74 | | | | | |
| 73/05/07 | 09 30 | 0003 | 17.00 | | | 7.80 | 69 | | | | | |
| 73/05/25 | 11 45 | 0003 | 8.30 | | | 4.30 | 66 | | | | | |
| 73/06/08 | 11 20 | 0003 | 8.60 | | | 4.70 | 65 | | | | | |
| 73/06/22 | 10 35 | 0003 | 9.80 | | | 7.40 | 57 | | | | | |
| 73/07/06 | 10 10 | 0003 | 25.00 | | | 14.00 | 63 | | | | | |
| 73/07/23 | 11 30 | 0003 | 25.00 | | | 16.00 | 60 | | | | | |
| 73/08/03 | 10 30 | 0003 | 14.00 | | | 8.80 | 62 | | | | | |
| 73/08/20 | 10 00 | 0003 | 19.00 | | | 10.00 | 65 | | | | | |
| 73/08/31 | 08 40 | 0003 | 10.00 | | | 6.90 | 60 | | | | | |
| 73/09/17 | 10 15 | 0003 | 8.60 | | | 4.30 | 66 | | | | | |
| 73/10/01 | 09 55 | 0003 | 8.30 | | | 7.30 | 53 | | | | | |
| 73/10/29 | 09 10 | 0003 | 9.50 | | | 4.40 | 68 | | | | | |
| 73/12/03 | 11 05 | 0003 | 1.70 | | | 2.50 | 40 | | | | | |
| 74/01/14 | 11 20 | 0003 | 1.20 | | | 3.30 | 28 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052517 D20
38 00 40.0 121 38 20.0 2
DUTCH SL. AT FARRAR PARK BRIDGE
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0013 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/12 | 10 50 | 0003 | 51 | 0 | 10 | 0 | 202 | 0 | 50 | 313 |
| 73/04/09 | 10 30 | 0003 | 60 | 0 | 0 | 0 | 12 | 0 | 588 | 660 |
| 73/04/23 | 09 15 | 0003 | 24 | 0 | 0 | 0 | 24 | 0 | 2112 | 2160 |
| 73/05/07 | 09 30 | 0003 | 96 | 12 | 0 | 0 | 408 | 0 | 792 | 1308 |
| 73/05/25 | 11 45 | 0003 | 12 | 0 | 0 | 0 | 24 | 0 | 336 | 372 |
| 73/06/08 | 11 20 | 0003 | 60 | 0 | 0 | 0 | 108 | 0 | 192 | 360 |
| 73/06/22 | 10 35 | 0003 | 0 | 0 | 0 | 12 | 0 | 0 | 420 | 432 |
| 73/07/06 | 10 10 | 0003 | 12 | 0 | 0 | 12 | 12 | 12 | 900 | 948 |
| 73/07/23 | 11 30 | 0003 | 9396 | 0 | 0 | 0 | 36 | 0 | 1368 | 10800 |
| 73/08/03 | 10 30 | 0003 | 72 | 0 | 0 | 12 | 48 | 0 | 600 | 732 |
| 73/08/20 | 10 00 | 0003 | 120 | 0 | 0 | 0 | 12 | 0 | 540 | 672 |
| 73/08/31 | 08 40 | 0003 | 0 | 0 | 0 | 0 | 24 | 0 | 180 | 204 |
| 73/09/17 | 10 15 | 0003 | 0 | 0 | 0 | 12 | 96 | 0 | 516 | 624 |
| 73/10/01 | 09 55 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 293 | 313 |
| 73/10/29 | 09 10 | 0003 | 0 | 0 | 25 | 0 | 51 | 0 | 25 | 101 |
| 73/12/03 | 11 05 | 0003 | 20 | 0 | 10 | 0 | 10 | 0 | 176 | 216 |
| 74/01/14 | 11 20 | 0003 | 176 | 0 | 40 | 10 | 10 | 0 | 45 | 281 |

STORET RETRIEVAL DATE 77/03/01

052517 D20
38 00 40.0 121 38 20.0 2
DUTCH SL. AT FARRAR PARK BRIDGE
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0013 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/23 | 11 00 | 0003 | 0.4 | | | | | | | | |
| 68/07/17 | 13 30 | 0003 | 0.6 | | | | | | | | |
| 68/08/15 | 12 45 | 0003 | 2.1 | | | | | | | | |
| 68/09/27 | 12 40 | 0003 | 0.8 | | | | | | | | |
| 68/10/28 | 12 55 | 0003 | 1.5 | | | | | | | | |
| 68/11/26 | 11 55 | 0003 | 1.2 | | | | | | | | |
| 68/12/17 | 14 20 | 0003 | 0.8 | | | | | | | | |
| 69/02/26 | 12 30 | 0003 | 1.4 | | | | | | | | |
| 69/03/28 | 15 30 | 0003 | 1.3 | | | | | | | | |
| 69/04/25 | 13 45 | 0003 | 1.0 | | | | | | | | |
| 69/06/09 | 15 15 | 0003 | 0.5 | | | | | | | | |
| 69/07/23 | 14 10 | 0003 | 1.9 | | | | | | | | |
| 69/08/20 | 13 25 | 0003 | 1.7 | | | | | | | | |
| 69/09/18 | 14 45 | 0003 | 2.2 | | | | | | | | |
| 69/10/17 | 12 45 | 0003 | 1.6 | | | | | | | | |
| 69/11/19 | 12 00 | 0003 | 2.0 | | | | | | | | |
| 70/02/13 | 12 00 | 0003 | 1.7 | | | | | | | | |
| 70/03/17 | 14 30 | 0003 | 0.7 | | | | | | | | |
| 70/04/16 | 14 25 | 0003 | 1.6 | | | | | | | | |
| 70/05/19 | 17 30 | 0003 | 2.0 | | | | | | | | |
| 70/06/16 | 15 00 | 0003 | 1.7 | | | | | | | | |
| 70/07/14 | 14 10 | 0003 | 3.0 | | | | | | | | |
| 70/08/13 | 16 45 | 0003 | 1.2 | | | | | | | | |
| 70/09/11 | 16 00 | 0003 | 3.3 | | | | | | | | |
| 70/10/08 | 13 30 | 0003 | 1.1 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052518 D21
38 00 30.0 121 34 50.0 2
OLD RIVER AT HOLLAND TRACT-D21
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 34 50 LATITUDE - 38 00 30

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT - OLD RIVER, AT USBR E.C. RECORDER ON HOLLAND TRACT.

DEPTH AT SITE IS 20 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052518 D21
38 00 30.0 121 34 50.0 2
OLD RIVER AT HOLLAND TRACT-D21
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 13 20 | 0003 | 9.88C | | | | | | | | | |
| 68/10/28 | 13 55 | 0003 | 6.46C | | | | | | | | | |
| 68/11/26 | 12 30 | 0003 | 4.10C | | | | | | | | | |
| 68/12/17 | 15 00 | 0003 | 4.64C | | | | | | | | | |
| 69/02/26 | 13 30 | 0003 | 4.79C | | | | | | | | | |
| 69/03/27 | 15 15 | 0003 | 6.99C | | | | | | | | | |
| 69/04/25 | 14 30 | 0003 | 7.60C | | | | | | | | | |
| 69/06/09 | 10 30 | 0003 | 6.46C | | | | | | | | | |
| 69/07/23 | 15 00 | 0003 | 32.68C | | | | | | | | | |
| 69/08/20 | 14 00 | 0003 | 9.88C | | | | | | | | | |
| 69/09/18 | 15 50 | 0003 | 28.00 | 1.70M | 11.00 | 2.30 | 93 | | | | | |
| 69/10/17 | 13 30 | 0003 | 18.00 | 1.00M | 7.40 | 7.30 | 71 | | | | | |
| 69/11/19 | 13 00 | 0003 | 14.44C | | | | | | | | | |
| 70/02/13 | 13 00 | 0003 | 3.57C | | | | | | | | | |
| 70/03/17 | 13 45 | 0003 | 5.78C | | | | | | | | | |
| 70/04/16 | 13 35 | 0003 | 8.36C | | | | | | | | | |
| 70/05/19 | 18 20 | 0003 | 21.00 | 0.25 | | 9.60 | 69 | | | | | |
| 70/06/16 | 15 55 | 0003 | 19.00 | 0.34M | | 14.00 | 59 | | | | | |
| 70/07/14 | 15 05 | 0003 | 13.00 | 0.04M | | 9.20 | 59 | | | | | |
| 70/08/13 | 17 45 | 0003 | 13.00 | 0.26M | | 7.20 | 64 | | | | | |
| 70/09/11 | 17 00 | 0003 | 14.00 | 0.04M | | 6.90 | 67 | | | | | |
| 70/10/08 | 14 30 | 0003 | 11.00 | 0.87 | | 8.00 | 59 | | | | | |
| 71/03/05 | 11 45 | 0003 | 3.60 | 0.00 | 0.00 | 1.70 | 67 | | | | | |
| 71/04/06 | 12 15 | 0003 | 6.50 | 0.08 | 0.77 | 3.50 | 64 | | | | | |
| 71/05/04 | 14 00 | 0003 | 29.00 | 0.00 | 7.40 | 7.10 | 80 | | | | | |
| 71/06/02 | 13 30 | 0003 | 18.00 | 0.00 | 1.90 | 5.00 | 78 | | | | | |
| 71/06/30 | 12 25 | 0003 | 15.00 | 0.45 | 3.90 | 5.20 | 74 | | | | | |
| 71/08/03 | 15 20 | 0003 | 15.00 | 0.38 | 4.00 | 7.10 | 68 | | | | | |
| 71/08/31 | 16 00 | 0003 | 13.00 | 0.39 | 2.70 | 7.90 | 62 | | | | | |
| 71/09/28 | 12 50 | 0003 | 30.00 | 0.03 | 5.40 | 12.00 | 70 | | | | | |
| 71/10/26 | 12 50 | 0003 | 20.00 | 1.10 | 5.50 | 8.70 | 69 | | | | | |
| 72/03/22 | 12 10 | 0003 | 13.00 | 0.00 | 1.80 | 3.90 | 77 | | | | | |
| 72/04/24 | 14 55 | 0003 | 29.00 | 0.52 | 4.40 | 11.00 | 72 | | | | | |
| 72/05/22 | 14 00 | 0003 | 16.00 | 0.13 | 2.40 | 6.70 | 70 | | | | | |
| 72/06/20 | 14 10 | 0003 | 9.00 | 0.21 | 1.30 | 4.50 | 66 | | | | | |
| 72/07/18 | 13 00 | 0003 | 6.70 | 0.30 | 0.19 | 5.30 | 55 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052518 D21
38 00 30.0 121 34 50.0 2
OLD RIVER AT HOLLAND TRACT-D21
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/08/21 | 15 55 | 0003 | 19.00 | 1.50 | 7.10 | 8.90 | 68 | | | | | |
| 72/09/21 | 16 40 | 0003 | 15.00 | 1.00 | 0.66 | 6.90 | 69 | | | | | |
| 72/10/18 | 17 15 | 0003 | 4.60 | 0.00 | 0.14 | 2.90 | 61 | | | | | |
| 73/03/12 | 13 05 | 0003 | 2.30 | | | 2.40 | 49 | | | | | |
| 73/03/26 | 12 20 | 0003 | 6.80 | | | 4.70 | 59 | | | | | |
| 73/04/09 | 12 20 | 0003 | 8.60 | | | 5.60 | 60 | | | | | |
| 73/04/23 | 11 25 | 0003 | 30.00 | | | 11.00 | 72 | | | | | |
| 73/05/07 | 11 50 | 0003 | 13.00 | | | 6.40 | 68 | | | | | |
| 73/05/25 | 14 05 | 0003 | 5.10 | | | 5.10 | 50 | | | | | |
| 73/06/08 | 13 55 | 0003 | 6.70 | | | 4.00 | 62 | | | | | |
| 73/06/22 | 12 35 | 0003 | 6.50 | | | 4.50 | 59 | | | | | |
| 73/07/06 | 11 50 | 0003 | 8.60 | | | 4.70 | 65 | | | | | |
| 73/07/23 | 13 10 | 0003 | 17.00 | | | 9.20 | 66 | | | | | |
| 73/08/03 | 12 15 | 0003 | 9.20 | | | 7.00 | 57 | | | | | |
| 73/08/20 | 12 15 | 0003 | 13.00 | | | 6.70 | 66 | | | | | |
| 73/08/31 | 11 00 | 0003 | 9.20 | | | 5.50 | 63 | | | | | |
| 73/09/17 | 11 55 | 0003 | 6.70 | | | 3.40 | 66 | | | | | |
| 73/10/01 | 11 40 | 0003 | 6.30 | | | 3.40 | 65 | | | | | |
| 73/10/29 | 10 55 | 0003 | 10.00 | | | 6.20 | 63 | | | | | |
| 73/12/03 | 12 35 | 0003 | 1.50 | | | 1.30 | 53 | | | | | |
| 74/01/14 | 13 15 | 0003 | 1.40 | | | 1.70 | 45 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052518 D21
38 00 30.0 121 34 50.0 2
OLD RIVER AT HOLLAND TRACT-D21
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/08/21 | 15 55 | 0003 | 28J | 0J | 0J | 4J | 20J | 4J | 264J | 320J |
| 73/03/12 | 13 05 | 0003 | 41 | 0 | 0 | 0 | 92 | 0 | 260 | 393 |
| 73/03/26 | 12 20 | 0003 | 302 | 0 | 51 | 20 | 0 | 0 | 203 | 576 |
| 73/04/09 | 12 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 324 | 324 |
| 73/04/23 | 11 25 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 1056 | 1068 |
| 73/05/07 | 11 50 | 0003 | 0 | 00 | 0 | 0 | 0 | 0 | 504 | 504 |
| 73/05/25 | 14 05 | 0003 | 24 | 0 | 0 | 0 | 24 | 0 | 216 | 264 |
| 73/06/08 | 13 55 | 0003 | 0 | 0 | 0 | 12 | 108 | 0 | 168 | 228 |
| 73/06/22 | 12 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 192 | 192 |
| 73/07/06 | 11 50 | 0003 | 24 | 0 | 0 | 0 | 12 | 0 | 420 | 456 |
| 73/07/23 | 13 10 | 0003 | 216 | 0 | 0 | 0 | 36 | 0 | 708 | 960 |
| 73/08/03 | 12 15 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 456 | 468 |
| 73/08/20 | 12 15 | 0003 | 24 | 0 | 0 | 0 | 240 | 0 | 720 | 984 |
| 73/08/31 | 11 00 | 0003 | 0 | 0 | 0 | 0 | 36 | 0 | 552 | 588 |
| 73/09/17 | 11 55 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 372 | 432 |
| 73/10/01 | 11 40 | 0003 | 51 | 0 | 0 | 0 | 131 | 0 | 474 | 656 |
| 73/10/29 | 10 55 | 0003 | 81 | 0 | 10 | 0 | 0 | 0 | 726 | 817 |
| 73/12/03 | 12 35 | 0003 | 65 | 0 | 5 | 0 | 5 | 0 | 90 | 165 |
| 74/01/14 | 13 15 | 0003 | 136 | 0 | 5 | 5 | 5 | 0 | 100 | 251 |

STORET RETRIEVAL DATE 77/03/01

052518 D21
38 00 30.0 121 34 50.0 2
OLD RIVER AT HOLLAND TRACT-D21
06013 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/21 | 14 00 | 0003 | 0.7 | | | | | | | | |
| 68/07/17 | 14 45 | 0003 | 0.6 | | | | | | | | |
| 68/08/15 | 13 20 | 0003 | 1.2 | | | | | | | | |
| 68/09/27 | 13 20 | 0003 | 1.4 | | | | | | | | |
| 68/10/28 | 13 55 | 0003 | 1.6 | | | | | | | | |
| 68/11/26 | 12 30 | 0003 | 0.2K | | | | | | | | |
| 68/12/17 | 15 00 | 0003 | 1.2 | | | | | | | | |
| 69/02/26 | 13 30 | 0003 | 2.0 | | | | | | | | |
| 69/03/27 | 15 15 | 0003 | 1.3 | | | | | | | | |
| 69/04/25 | 14 30 | 0003 | 1.3 | | | | | | | | |
| 69/06/09 | 10 30 | 0003 | 0.5 | | | | | | | | |
| 69/07/23 | 15 00 | 0003 | 1.9 | | | | | | | | |
| 69/08/20 | 14 00 | 0003 | 1.7 | | | | | | | | |
| 69/09/18 | 15 50 | 0003 | 1.5 | | | | | | | | |
| 69/10/17 | 13 30 | 0003 | 1.0 | | | | | | | | |
| 69/11/19 | 13 00 | 0003 | 1.5 | | | | | | | | |
| 70/02/13 | 13 00 | 0003 | 1.7 | | | | | | | | |
| 70/03/17 | 13 45 | 0003 | 1.0 | | | | | | | | |
| 70/04/16 | 13 35 | 0003 | 1.4 | | | | | | | | |
| 70/05/19 | 18 20 | 0003 | 2.1 | | | | | | | | |
| 70/06/16 | 15 55 | 0003 | 1.5 | | | | | | | | |
| 70/07/14 | 15 05 | 0003 | 0.8 | | | | | | | | |
| 70/08/13 | 17 45 | 0003 | 1.2 | | | | | | | | |
| 70/09/11 | 17 00 | 0003 | 0.9 | | | | | | | | |
| 70/10/08 | 14 30 | 0003 | 0.7 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 44 20 LATITUDE - 38 05 10

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT -SACRAMENTO RIVER AT EMMATON, 50 YARDS NORTH OF USBR E.C. RECORDER. DEPTH AT SITE IS 31 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 11 05 | 0003 | 12.92C | | | | | | | | | |
| 68/10/30 | 13 45 | 0003 | 8.36C | | | | | | | | | |
| 68/11/25 | 11 00 | 0003 | 3.50C | | | | | | | | | |
| 68/12/18 | 14 35 | 0003 | 3.04C | | | | | | | | | |
| 69/01/28 | 12 00 | 0003 | 1.14C | | | | | | | | | |
| 69/02/25 | 11 45 | 0003 | 1.82C | | | | | | | | | |
| 69/03/26 | 11 00 | 0003 | 4.94C | | | | | | | | | |
| 69/05/08 | 09 35 | 0003 | 8.36C | | | | | | | | | |
| 69/06/10 | 16 00 | 0003 | 7.07C | | | | | | | | | |
| 69/07/22 | 12 40 | 0003 | 26.60C | | | | | | | | | |
| 69/08/19 | 11 40 | 0003 | 25.84C | | | | | | | | | |
| 69/09/17 | 11 10 | 0003 | 16.00 | 1.10M | 6.60 | 3.30 | 83 | | | | | |
| 69/10/16 | 10 25 | 0003 | 12.00 | 1.10M | 3.80 | 5.40 | 69 | | | | | |
| 69/11/25 | 14 00 | 0003 | 4.79C | | | | | | | | | |
| 70/02/12 | 10 05 | 0003 | 1.29C | | | | | | | | | |
| 70/03/20 | 14 50 | 0003 | 3.88C | | | | | | | | | |
| 70/04/17 | 14 05 | 0003 | 9.88C | | | | | | | | | |
| 70/06/16 | 16 00 | 0003 | 20.00 | 0.06 | 3.80 | 11.00 | 64 | | | | | |
| 70/07/14 | 14 50 | 0003 | 10.00 | 0.07 | 1.60 | 9.50 | 51 | | | | | |
| 70/08/12 | 14 40 | 0003 | 7.30 | 0.11 | 2.90 | 7.00 | 51 | | | | | |
| 70/09/10 | 14 50 | 0003 | 9.80 | 0.34 | 2.80 | 5.20 | 66 | | | | | |
| 70/10/08 | 13 30 | 0003 | 7.60 | 0.11M | 1.20 | 2.90 | 73 | | | | | |
| 71/03/04 | 10 45 | 0003 | 2.30 | 0.00 | 0.00 | 0.93 | 71 | | | | | |
| 71/05/04 | 14 40 | 0003 | 9.70 | 0.00 | 2.10 | 3.20 | 75 | | | | | |
| 71/06/02 | 14 05 | 0003 | 5.80 | 1.00 | 4.80 | 2.50 | 69 | | | | | |
| 71/06/30 | 12 35 | 0003 | 7.60 | 0.61 | 2.30 | 4.20 | 64 | | | | | |
| 71/08/03 | 17 00 | 0003 | 16.00 | 1.90 | 7.60 | 7.90 | 67 | | | | | |
| 71/08/31 | 16 00 | 0003 | 14.00 | 0.00 | 3.60 | 5.40 | 72 | | | | | |
| 71/09/28 | 13 55 | 0003 | 12.00 | 0.00 | 2.50 | 5.20 | 69 | | | | | |
| 71/10/26 | 13 40 | 0003 | 9.50 | 0.00 | 0.57 | 3.60 | 72 | | | | | |
| 72/03/22 | 11 50 | 0003 | 4.50 | 0.04 | 0.58 | 1.70 | 72 | | | | | |
| 72/05/22 | 16 20 | 0003 | 15.00 | 0.68 | 1.70 | 6.40 | 70 | | | | | |
| 72/06/20 | 15 45 | 0003 | 7.20 | 0.39 | 1.40 | 6.20 | 53 | | | | | |
| 72/07/19 | 14 25 | 0003 | 10.00 | 0.90 | 1.90 | 7.90 | 56 | | | | | |
| 72/08/21 | 18 30 | 0003 | 18.00 | 0.82 | 3.40 | 6.60 | 73 | | | | | |
| 72/09/20 | 16 35 | 0003 | 18.00 | 0.70 | 4.30 | 4.00 | 81 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/10/18 | 15 30 | 0003 | 6.70 | 0.27 | 0.69 | 3.90 | 63 | | | | | |
| 73/03/15 | 14 00 | 0003 | 2.60 | | | 1.20 | 68 | | | | | |
| 73/03/29 | 12 25 | 0003 | 3.90 | | | 1.50 | 71 | | | | | |
| 73/04/12 | 13 00 | 0003 | 5.40 | | | 4.20 | 56 | | | | | |
| 73/04/26 | 12 05 | 0003 | 30.00 | | | 6.00 | 83 | | | | | |
| 73/05/10 | 12 20 | 0003 | 16.00 | | | 4.70 | 78 | | | | | |
| 73/05/31 | 17 20 | 0003 | 4.60 | | | 5.30 | 47 | | | | | |
| 73/06/13 | 17 30 | 0003 | 4.30 | | | 3.70 | 53 | | | | | |
| | 17 31 | 0031 | 4.10 | | | 4.70 | 47 | | | | | |
| 73/06/26 | 15 20 | 0003 | 4.10 | | | 3.30 | 56 | | | | | |
| | 15 21 | 0031 | 3.30 | | | 5.20 | 39 | | | | | |
| 73/07/11 | 16 50 | 0003 | 4.60 | | | 3.40 | 57 | | | | | |
| | 16 51 | 0031 | 3.80 | | | 4.00 | 48 | | | | | |
| 73/08/08 | 15 05 | 0003 | 5.60 | | | 4.60 | 55 | | | | | |
| | 15 06 | 0031 | 5.80 | | | 6.00 | 49 | | | | | |
| 73/08/23 | 14 30 | 0003 | 6.00 | | | 5.30 | 53 | | | | | |
| | 14 31 | 0031 | 6.10 | | | 6.30 | 49 | | | | | |
| 73/09/06 | 14 30 | 0003 | 4.40 | | | 2.90 | 60 | | | | | |
| | 14 33 | 0031 | 4.30 | | | 3.60 | 54 | | | | | |
| 73/09/20 | 12 30 | 0003 | 4.30 | | | 1.70 | 72 | | | | | |
| 73/10/04 | 12 20 | 0003 | 4.40 | | | 2.90 | 60 | | | | | |
| 73/11/01 | 09 45 | 0003 | 4.10 | | | 2.60 | 61 | | | | | |
| 73/12/06 | 13 15 | 0003 | 0.86 | | | 0.94 | 48 | | | | | |
| 74/01/17 | 13 45 | 0003 | 1.10 | | | 0.73 | 62 | | | | | |
| 74/02/14 | 12 20 | 0003 | 1.50 | | | 0.59 | 72 | | | | | |
| 74/03/21 | 15 55 | 0003 | 4.30 | | | 1.40 | 74 | | | | | |
| 74/04/02 | 13 10 | 0003 | 3.00 | | | 1.90 | 62 | | | | | |
| 74/04/17 | 13 40 | 0003 | 5.40 | | | 1.10 | 83 | | | | | |
| 74/04/30 | 12 25 | 0003 | 4.90 | | | 0.98 | 83 | | | | | |
| 74/05/14 | 11 15 | 0003 | 6.30 | | | 3.30 | 66 | | | | | |
| 74/06/12 | 10 40 | 0003 | 10.00 | | | 4.20 | 71 | | | | | |
| 74/06/26 | 10 45 | 0003 | 10.00 | | | 7.50 | 59 | | | | | |
| 74/07/10 | 09 00 | 0003 | 9.70 | | | 8.00 | 55 | | | | | |
| 74/07/24 | 09 35 | 0003 | 5.80 | | | 4.80 | 55 | | | | | |
| 74/08/13 | 14 40 | 0003 | 4.60 | | | 2.60 | 63 | | | | | |
| 74/08/27 | 14 45 | 0003 | 4.90 | | | 2.60 | 65 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/12 | 15 00 | 0003 | 8.00 | | | 3.70 | 68 | | | | | |
| 74/09/24 | 13 10 | 0003 | 5.20 | | | 2.70 | 65 | | | | | |
| 74/10/08 | 11 40 | 0003 | 3.80 | | | 3.30 | 54 | | | | | |
| 74/10/22 | 12 10 | 0003 | 4.10 | | | 2.10 | 65 | | | | | |
| 74/11/20 | 09 55 | 0003 | 1.30 | | | 1.00 | 56 | | | | | |
| 74/12/10 | 13 50 | 0003 | 1.60 | | | 1.10 | 58 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/15 | 14 00 | 0003 | 121 | 0 | 10 | 0 | 0 | 0 | 71 | 202 |
| 73/03/29 | 12 25 | 0003 | 24 | 0 | 0 | 0 | 36 | 0 | 144 | 204 |
| 73/04/12 | 13 00 | 0003 | 50 | 0 | 91 | 0 | 5 | 0 | 378 | 524 |
| 73/05/10 | 12 20 | 0003 | 156 | 0 | 0 | 12 | 72 | 0 | 984 | 1224 |
| 73/05/31 | 17 20 | 0003 | 60 | 0 | 0 | 12 | 12 | 0 | 612 | 696 |
| 73/06/13 | 17 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 120 |
| 73/06/26 | 15 20 | 0003 | 0 | 0 | 0 | 0 | 24 | 0 | 180 | 204 |
| 73/07/11 | 16 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 132 | 132 |
| 73/08/08 | 15 05 | 0003 | 0 | 0 | 0 | 0 | 36 | 0 | 540 | 576 |
| 73/08/23 | 14 30 | 0003 | 12 | 0 | 0 | 12 | 72 | 0 | 288 | 384 |
| 73/09/06 | 14 30 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 168 | 228 |
| 73/09/20 | 12 30 | 0003 | 78 | 0 | 20 | 10 | 0 | 0 | 436 | 544 |
| 73/10/04 | 12 20 | 0003 | 30 | 0 | 5 | 0 | 0 | 0 | 175 | 211 |
| 73/11/01 | 09 45 | 0003 | 40 | 0 | 10 | 0 | 0 | 0 | 131 | 181 |
| 73/12/06 | 13 15 | 0003 | 23 | 0 | 0 | 0 | 0 | 0 | 23 | 46 |
| 74/01/17 | 13 45 | 0003 | 184 | 0 | 0 | 0 | 0 | 0 | 23 | 207 |
| 74/02/14 | 12 20 | 0003 | 0 | 0 | 42 | 21 | 0 | 0 | 189 | 252 |
| 74/03/21 | 15 55 | 0003 | 40 | 0 | 15 | 10 | 5 | 0 | 352 | 422 |
| 74/04/02 | 13 10 | 0003 | 51 | 0 | 25 | 0 | 0 | 0 | 201 | 403 |
| 74/04/17 | 13 40 | 0003 | 131 | 0 | 10 | 0 | 0 | 0 | 435 | 576 |
| 74/04/30 | 12 25 | 0003 | 396 | 0 | 0 | 66 | 44 | 0 | 880 | 1386 |
| 74/05/14 | 11 15 | 0003 | 22 | 0 | 0 | 0 | 44 | 0 | 3124 | 3190 |
| 74/06/12 | 10 40 | 0003 | 242 | 0 | 0 | 0 | 22 | 0 | 1232 | 1496 |
| 74/06/26 | 10 45 | 0003 | 76 | 0 | 0 | 15 | 187 | 0 | 2170 | 2448 |
| 74/07/10 | 09 00 | 0003 | 44 | 0 | 0 | 0 | 22 | 0 | 3124 | 3190 |
| 74/07/24 | 09 35 | 0003 | 66 | 0 | 0 | 22 | 66 | 0 | 1606 | 1760 |
| 74/08/13 | 14 40 | 0003 | 176 | 0 | 0 | 0 | 66 | 0 | 1100 | 1342 |
| 74/08/27 | 14 45 | 0003 | 0 | 0 | 0 | 0 | 22 | 0 | 418 | 440 |
| 74/09/12 | 15 00 | 0003 | 44 | 0 | 0 | 0 | 22 | 0 | 550 | 616 |
| 74/09/24 | 13 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 220 | 220 |
| 74/10/08 | 11 40 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 330 | 352 |
| 74/10/22 | 12 10 | 0003 | 22 | 0 | 0 | 22 | 0 | 0 | 374 | 418 |
| 74/11/20 | 09 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 308 | 308 |
| 74/12/10 | 13 50 | 0003 | 22 | 0 | 0 | 22 | 0 | 0 | 330 | 474 |

STOPET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/08 | | | 0.0077 | | | |
| 69/02/05 | | | 0.0000 | | | |
| 69/03/08 | | | 0.0000 | | | |
| 69/05/25 | | | 0.0006 | | | |
| 69/06/23 | | | 0.0548 | | | |
| 69/07/23 | | | 0.1528 | | | |
| 69/08/19 | | | 0.1299 | | | |
| 69/09/17 | | | 0.0609 | | | |
| 69/10/20 | | | 0.0446 | | | |
| 69/11/16 | | | 0.0045 | | | |
| 69/12/19 | | | 0.0054 | | | |
| 70/01/14 | | | 0.0002 | | | |
| 70/02/13 | | | 0.0001 | | | |
| 70/04/14 | | | 0.0299 | | | |
| 70/05/14 | | | 0.0230 | | | |
| 70/06/11 | | | 0.0571 | | | |
| 70/07/10 | | | 0.0534 | | | |
| 70/08/24 | | | 0.0339 | | | |
| 70/09/22 | | | 0.1058 | | | |
| 70/10/23 | | | 0.0843 | | | |
| 70/11/18 | | | 0.0097 | | | |
| 70/12/20 | | | 0.0009 | | | |
| 71/01/19 | | | 0.0000 | | | |
| 71/02/18 | | | 0.0023 | | | |
| 71/03/05 | | | 0.0029 | | | |
| 71/04/08 | | | 0.0003 | 1.51L | 0.35L | 1.59L |
| 71/05/04 | | | 0.0103 | 3.08L | 0.39L | 3.20L |
| 71/06/03 | | | 0.0004 | 0.31L | 0.32L | 1.01L |
| 71/07/01 | | | 0.0065 | 1.00L | 1.21L | 2.00L |
| 71/07/30 | | | 0.0381 | 0.10L | 0.03L | 0.31L |
| 71/09/01 | | | 0.0076 | 0.64L | 1.37L | 8.39L |
| 71/10/18 | | | 0.0532 | 2.34L | 2.20L | 2.88L |
| 71/11/09 | | | 0.0539 | 0.07L | 0.61L | 3.43L |
| 71/12/09 | | | 0.0003 | 0.04L | 1.05L | 1.76L |
| 72/01/11 | | | 0.0025 | 2.47 | 0.34 | 5.35 |
| 72/02/09 | | | 0.0023 | 18.43 | 0.21 | 7.60 |

STORET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/03/10 | | | 0.0000 | 13.01 | 0.32 | 2.98 |
| 72/04/07 | | | 0.0281 | 185.00 | 0.05 | 8.20 |
| 72/04/20 | | | 0.1160 | 147.30 | 0.00 | 11.52 |
| 72/05/05 | | | 0.2102 | 104.90 | 0.00 | 98.82 |
| 72/05/19 | | | 0.2160 | 272.90 | 0.05 | 53.34 |
| 72/06/06 | | | 0.0789 | 27.65 | 0.68 | 71.45 |
| 72/06/22 | | | 0.0471 | 87.00 | 0.001 | 31.00 |
| 72/07/05 | | | 0.0209 | 35.33 | 0.04 | 58.65 |
| 72/07/18 | | | 0.0812 | 75.38 | 0.21 | 51.68 |
| 72/08/02 | | | 0.2086 | 222.10 | 0.13 | 35.77 |
| 72/08/15 | | | 0.3876 | 245.60 | 0.33 | 33.39 |
| 72/09/13 | | | 0.4848 | 94.15 | 0.17 | 20.85 |
| 72/09/28 | | | 0.2998 | 78.24 | 0.17 | 20.29 |
| 72/10/12 | | | 0.1101 | 65.56 | 0.99 | 12.57 |
| 72/10/27 | | | 0.1212 | 21.18 | 0.03 | 10.60 |
| 72/11/15 | | | 0.0018 | 41.00 | 0.41 | 5.00 |
| 72/12/19 | | | 0.0378 | 14.00 | 0.15 | 2.00 |
| 73/03/15 | | | 0.0000 | 27.09 | 0.49 | 11.06 |
| 73/04/10 | | | 0.0181 | 24.47 | 0.20 | 6.67 |
| 73/04/25 | | | 0.0024 | 62.94 | 0.01 | 22.36 |
| 73/05/09 | | | 0.4886 | 181.30 | 0.00 | 35.19 |
| 73/05/24 | | | 0.1486 | 62.31 | 0.25 | 14.95 |
| 73/06/07 | | | 0.1001 | 34.84 | 0.12 | 13.24 |
| 73/06/26 | | | 0.1042 | 55.44 | 0.18 | 10.40 |
| 73/07/09 | | | 0.0316 | 72.75 | 0.22 | 11.86 |
| 73/07/24 | | | 0.0240 | 7.06 | 0.04 | 39.09 |
| 73/08/07 | | | 0.0770 | 38.82 | 0.02 | 19.85 |
| 73/08/21 | | | 0.0202 | 25.02 | 0.12 | 9.85 |
| 73/09/05 | | | 0.0920 | 31.19 | 0.11 | 5.00 |
| 73/09/18 | | | 0.0192 | 54.55L | 0.07 | 9.00 |
| 73/10/02 | | | 0.1086 | 46.67 | 0.25 | 6.58 |
| 73/10/16 | | | 0.1728 | 60.66 | 0.13 | 3.57 |
| 73/11/16 | | | 0.0012 | 45.47 | 1.43 | 4.76 |
| 74/03/14 | | | 0.0002 | 50.89 | 0.20 | 6.28 |
| 74/04/01 | | | 0.0001 | 47.47 | 0.65 | 8.57 |
| 74/04/16 | | | 0.0000 | 39.95 | 0.34 | 11.63 |

STORET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/05/13 | | | 0.098B | 62.50 | 1.94 | 5.75 |
| 74/05/28 | | | 0.1521 | 224.50 | 2.29 | 21.61 |
| 74/06/18 | | | 0.0775 | 93.37 | 0.02 | 9.67 |
| 74/06/26 | | | 0.1179 | 119.60 | 0.02 | 6.09 |
| 74/07/10 | | | 0.1805 | 120.10 | 0.03 | 9.40 |
| 74/07/24 | | | 0.0919 | 44.25 | 0.15 | 5.32 |
| 74/08/08 | | | 0.0317 | 42.32 | 0.20 | 8.75 |
| 74/08/23 | | | 0.0404 | 29.47 | 0.18 | 6.06 |
| 74/09/10 | | | 0.0010 | 0.34L | 0.32L | 0.32L |
| 74/09/23 | | | 0.0895 | 31.94 | 0.39 | 10.19 |
| 74/10/07 | | | 0.0239 | 37.37 | 0.27 | 0.43 |
| 74/10/22 | | | 0.0118 | 20.61 | 0.42 | 1.62 |
| 74/11/19 | | | 0.002B | 2.74 | 0.12 | 0.72 |

STORET RETRIEVAL DATE 77/03/01

052519 D22 64
38 05 04.0 121 44 17.0 2
SACRAMENTO RIVER AT EMMATON-D22
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/21 | 11 00 | 0003 | 1.2 | | | | | | | | |
| 68/06/18 | 13 45 | 0003 | 1.2 | | | | | | | | |
| 68/07/18 | 13 25 | 0003 | 0.5 | | | | | | | | |
| 68/08/15 | 11 35 | 0003 | 1.0 | | | | | | | | |
| 68/09/27 | 11 05 | 0003 | 1.0 | | | | | | | | |
| 68/10/30 | 13 45 | 0003 | 1.2 | | | | | | | | |
| 68/11/25 | 11 00 | 0003 | 1.0 | | | | | | | | |
| 68/12/18 | 14 35 | 0003 | 0.7 | | | | | | | | |
| 69/01/28 | 12 00 | 0003 | 1.6 | | | | | | | | |
| 69/02/25 | 11 45 | 0003 | 1.2 | | | | | | | | |
| 69/03/26 | 11 00 | 0003 | 1.9 | | | | | | | | |
| 69/05/08 | 09 35 | 0003 | 0.7 | | | | | | | | |
| 69/06/10 | 16 00 | 0003 | 1.4 | | | | | | | | |
| 69/07/22 | 12 40 | 0003 | 2.6 | | | | | | | | |
| 69/08/19 | 11 40 | 0003 | 1.1 | | | | | | | | |
| 69/09/17 | 11 10 | 0003 | 1.5 | | | | | | | | |
| 69/10/16 | 10 25 | 0003 | 0.3 | | | | | | | | |
| 69/11/25 | 14 00 | 0003 | 1.0 | | | | | | | | |
| 70/02/12 | 10 05 | 0003 | 0.4 | | | | | | | | |
| 70/03/20 | 14 50 | 0003 | 0.9 | | | | | | | | |
| 70/04/17 | 14 05 | 0003 | 0.9 | | | | | | | | |
| 70/05/19 | 17 25 | 0003 | 1.1 | | | | | | | | |
| 70/06/16 | 16 00 | 0003 | 1.7 | | | | | | | | |
| 70/07/14 | 14 50 | 0003 | 1.6 | | | | | | | | |
| 70/08/12 | 14 40 | 0003 | 1.0 | | | | | | | | |
| 70/09/10 | 14 50 | 0003 | 1.3 | | | | | | | | |
| 70/10/08 | 13 30 | 0003 | 1.3 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052520 023
38 06 20.0 121 42 00.0 2
THREE MILE SL. HIGHWAY 24-D23
06067 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0014 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 42 00 LATITUDE - 38 06 20

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT - THREE MILE SLOUGH, MIDCHANNEL, 100 YARDS WEST OF LIFT BRIDGE. DEPTH AT SITE IS 14 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

FOR LABORATORY PERFORMING ANALYSIS, SEE USBR DATA APPENDIX.

STATION DISCONTINUED OCT 1970.

STORET RETRIEVAL DATE 77/03/01

052520 D23
38 06 20.0 121 42 00.0 2
THREE MILE SL. HIGHWAY 24-D23
06067 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0014 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 11 25 | 0003 | 11.40C | | | | | | | | | |
| 68/10/30 | 13 00 | 0003 | 6.38C | | | | | | | | | |
| 68/11/25 | 11 15 | 0003 | 3.57C | | | | | | | | | |
| 68/12/18 | 14 55 | 0003 | 2.89C | | | | | | | | | |
| 69/01/28 | 12 30 | 0003 | 1.22C | | | | | | | | | |
| 69/02/25 | 12 40 | 0003 | 2.20C | | | | | | | | | |
| 69/03/26 | 12 30 | 0003 | 2.74C | | | | | | | | | |
| 69/05/08 | 09 50 | 0003 | 5.32C | | | | | | | | | |
| 69/06/10 | 16 20 | 0003 | 4.94C | | | | | | | | | |
| 69/07/22 | 13 00 | 0003 | 23.56C | | | | | | | | | |
| 69/08/19 | 11 55 | 0003 | 24.32C | | | | | | | | | |
| 69/09/17 | 11 30 | 0003 | 28.00 | 1.80M | 6.90 | 4.20 | 87 | | | | | |
| 69/10/16 | 11 10 | 0003 | 8.50 | 0.80M | 3.10 | 3.80 | 69 | | | | | |
| 69/11/25 | 14 45 | 0003 | 4.79C | | | | | | | | | |
| 70/02/12 | 10 25 | 0003 | 1.14C | | | | | | | | | |
| 70/03/20 | 15 10 | 0003 | 5.93C | | | | | | | | | |
| 70/04/17 | 14 20 | 0003 | 7.60C | | | | | | | | | |
| 70/05/19 | 17 50 | 0003 | 22.00 | 0.26M | 2.60 | 8.80 | 71 | | | | | |
| 70/06/16 | 16 20 | 0003 | 20.00 | 0.03M | 3.50 | 12.00 | 63 | | | | | |
| 70/07/14 | 15 25 | 0003 | 11.00 | 0.004M | 1.40 | 7.40 | 60 | | | | | |
| 70/08/12 | 15 00 | 0003 | 9.50 | 0.24 | 3.40 | 6.60 | 59 | | | | | |
| 70/09/10 | 15 10 | 0003 | 9.90 | 0.25 | 2.50 | 3.80 | 73 | | | | | |
| 70/10/08 | 13 50 | 0003 | 5.60 | 0.15M | 0.59 | 0.90 | 86 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052520 D23
38 06 20.0 121 42 00.0 2
THREE MILE SL. HIGHWAY 24-D23
06067 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0014 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/21 | 11 45 | 0003 | 1.7 | | | | | | | | |
| 68/06/18 | 14 00 | 0003 | 1.3 | | | | | | | | |
| 68/07/18 | 13 40 | 0003 | 0.4 | | | | | | | | |
| 68/08/15 | 11 50 | 0003 | 1.0 | | | | | | | | |
| 68/09/27 | 11 25 | 0003 | 2.1 | | | | | | | | |
| 68/10/30 | 13 00 | 0003 | 0.9 | | | | | | | | |
| 68/11/25 | 11 15 | 0003 | 1.0 | | | | | | | | |
| 68/12/18 | 14 55 | 0003 | 1.0 | | | | | | | | |
| 69/01/28 | 12 30 | 0003 | 1.8 | | | | | | | | |
| 69/02/25 | 12 40 | 0003 | 1.2 | | | | | | | | |
| 69/03/26 | 12 30 | 0003 | 1.1 | | | | | | | | |
| 69/05/08 | 09 50 | 0003 | 0.7 | | | | | | | | |
| 69/06/10 | 16 20 | 0003 | 1.2 | | | | | | | | |
| 69/07/22 | 13 00 | 0003 | 1.4 | | | | | | | | |
| 69/08/19 | 11 55 | 0003 | 1.2 | | | | | | | | |
| 69/09/17 | 11 30 | 0003 | 1.2 | | | | | | | | |
| 69/10/16 | 11 10 | 0003 | 1.9 | | | | | | | | |
| 69/11/25 | 14 45 | 0003 | 1.1 | | | | | | | | |
| 70/02/12 | 10 25 | 0003 | 0.3 | | | | | | | | |
| 70/03/20 | 15 10 | 0003 | 1.1 | | | | | | | | |
| 70/04/17 | 14 20 | 0003 | 0.9 | | | | | | | | |
| 70/05/19 | 17 50 | 0003 | 0.9 | | | | | | | | |
| 70/06/16 | 16 20 | 0003 | 2.0 | | | | | | | | |
| 70/07/14 | 15 25 | 0003 | 1.4 | | | | | | | | |
| 70/08/12 | 15 00 | 0003 | 1.5 | | | | | | | | |
| 70/09/10 | 15 10 | 0003 | 1.4 | | | | | | | | |
| 70/10/08 | 13 50 | 0003 | 0.9 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052567 D26 86
38 04 40.0 121 34 00.0 2
SAN JOAQUIN R AT POTATO POINT
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 34 00 LATITUDE - 38 04 40

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM

DESCRIPTION - IN A NAVIGATION CHANNEL NEAR THE CONFLUENCE OF OLD RIVER AND THE SAN JOAQUIN RIVER.

SAMPLING POINT - SAN JOAQUIN SHIP CHANNEL HALF WAY BETWEEN FL G 4SEC 15 FT "47" AND FL G 4SEC 20 FT 49 . DEPTH AT SITE IS 40 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052567 D26 86
38 04 40.0 121 34 00.0 2
SAN JOAQUIN R AT POTATO POINT
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/03 | 11 30 | 0003 | 2.90 | 0.00 | 0.00 | 1.40 | 67 | | | | | | |
| 71/03/24 | 16 20 | 0003 | 3.20 | 0.01 | 0.00 | 1.50 | 67 | | | | | | |
| 71/04/06 | 16 05 | 0003 | 2.70 | 0.00 | 0.00 | 0.99 | 72 | | | | | | |
| 71/04/21 | 15 25 | 0003 | 4.90 | 0.00 | 0.53 | 2.00 | 70 | | | | | | |
| 71/05/05 | 16 30 | 0003 | 11.00 | 0.00 | 2.90 | 4.70 | 70 | 0.04M | 2.26 | 2.20 | 2.30 | 0.40 | |
| 71/05/19 | 16 25 | 0003 | 16.00 | 0.00 | 4.00 | 4.60 | 77 | | | | | | |
| 71/06/03 | 16 40 | 0003 | 6.00 | 0.04 | 0.44 | 2.60 | 69 | 0.53 | 1.49 | 1.20 | 0.96 | 0.17 | |
| 71/06/16 | 15 10 | 0003 | 9.60 | 0.60 | 1.90 | 4.10 | 69 | | | | | | |
| 71/07/01 | 15 15 | 0003 | 7.20 | 0.00 | 1.30 | 3.10 | 69 | 0.67M | 1.82 | 1.55 | 2.50 | 0.43 | |
| 71/07/15 | 14 45 | 0003 | 6.50 | 0.00 | 0.00 | 3.40 | 65 | | | | | | |
| 71/08/04 | 17 55 | 0003 | 12.00 | 0.30 | 3.20 | 10.00 | 54 | | | | | | |
| 71/08/16 | 16 05 | 0003 | 2.20 | 0.10 | 0.57 | 2.70 | 45 | | | | | | |
| 71/09/01 | 18 00 | 0003 | 13.00 | 0.32 | 3.10 | 4.10 | 75 | 2.48 | 3.78 | 2.25 | 1.30 | 0.23 | 2.30 |
| 71/09/14 | 17 15 | 0003 | 11.00 | 0.00 | 2.00 | 4.90 | 68 | | | | | | |
| 71/09/29 | 16 20 | 0003 | 14.00 | 0.00 | 3.00 | 4.70 | 75 | 1.15 | 3.18 | 1.60 | 2.03 | 0.35 | 1.50 |
| 71/10/14 | 16 00 | 0003 | 11.00 | 0.36 | 2.70 | 5.10 | 68 | | | | | | |
| 71/10/27 | 15 25 | 0003 | 7.30 | 0.00 | 0.89 | 3.70 | 66 | 1.55 | 1.95 | 1.18 | 0.40 | 0.07 | 1.08 |
| 71/11/16 | 17 10 | 0003 | 4.80 | 0.00 | 0.84 | 1.80 | 72 | | | | | | |
| 72/03/08 | 11 55 | 0003 | 3.30 | 0.14 | 0.92 | 1.10 | 75 | | | | | | |
| 72/03/23 | 14 00 | 0003 | 3.50 | 0.02 | 0.43 | 0.85 | 80 | 0.06M | 1.28 | 0.73 | 1.34 | 0.23 | |
| 72/04/11 | 15 10 | 0003 | 8.90 | 0.19 | 0.98 | 4.90 | 64 | | | | | | |
| 72/05/08 | 15 15 | 0003 | 20.00 | 0.29 | 4.90 | 3.40 | 85 | | | | | | |
| 72/05/23 | 17 20 | 0003 | 8.90 | 0.68 | 2.20 | 6.00 | 59 | 1.13 | 2.38 | 0.93 | 1.24 | 0.22 | |
| 72/06/06 | 14 45 | 0003 | 19.00 | 0.31 | 2.40 | 7.20 | 71 | | | | | | |
| 72/07/05 | 16 10 | 0003 | 4.30 | 0.07 | 0.00 | 4.80 | 47 | | | | | | |
| 72/07/18 | 15 30 | 0003 | 5.90 | 0.57 | 1.40 | 4.20 | 58 | 2.50M | 0.27 | 0.17 | 2.77 | 0.48 | |
| 72/08/03 | 16 10 | 0003 | 9.30 | 0.01 | 1.40 | 3.60 | 71 | | | | | | |
| 72/08/22 | 17 30 | 0003 | 9.60 | 0.16 | 2.00 | 5.10 | 65 | 0.45M | 3.20 | 1.47 | 3.65 | 0.63 | |
| 72/09/06 | 18 10 | 0003 | 7.90 | 0.88 | 1.20 | 4.30 | 64 | | | | | | |
| 72/09/21 | 17 30 | 0003 | 6.00 | 0.34 | 0.93 | 3.20 | 65 | 0.47 | 1.16 | 0.44 | 0.69 | 0.12 | |
| 72/10/03 | 16 30 | 0003 | 5.90 | 0.35 | 1.00 | 2.50 | 69 | | | | | | |
| 72/10/17 | 15 55 | 0003 | 2.80 | 0.11 | 0.16 | 2.40 | 53 | | | | | | |
| 72/11/15 | 14 05 | 0003 | 1.30 | 0.16 | 0.21 | 1.00 | 56 | | | | | | |
| 72/12/12 | 12 00 | 0003 | 0.85 | 0.14 | 0.08 | 0.75 | 53 | | | | | | |
| 73/02/13 | 15 50 | 0003 | 1.60 | | | 1.80 | 47 | | | | | | |
| 73/03/13 | 14 00 | 0003 | 2.10 | | | 1.60 | 57 | 0.13 | 0.26 | 0.12 | 0.12 | 0.02 | |

STORET RETRIEVAL DATE 77/03/01

052567 D26 86
38 04 40.0 121 34 00.0 2
SAN JOAQUIN R AT POTATO POINT
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/03 | 11 30 | 0003 | 30 | 0 | 0 | 0 | 120 | 0 | 240 | 390 |
| 71/05/05 | 16 30 | 0003 | 330 | 0 | 0 | 0 | 330 | 0 | 2250 | 2910 |
| 71/06/03 | 16 40 | 0003 | 480 | 0 | 0 | 0 | 120 | 0 | 960 | 1560 |
| 71/07/01 | 15 15 | 0003 | 270 | 0 | 0 | 0 | 930 | 0 | 1290 | 2490 |
| 71/09/01 | 18 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 575 100 | 575 |
| 71/09/29 | 16 20 | 0003 | 71 12 | 0 | 0 | 0 | 0 | 0 | 542 88 | 613 |
| 71/10/27 | 15 25 | 0003 | 28 | 0 | 0 | 0 | 0 | 0 | 349 | 377 |
| 71/11/16 | 17 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 132 | 132 |
| 72/03/23 | 14 00 | 0003 | 8J 6 | 0J | 0J | 0J | 38J 28 | 2J | 86J 64 | 134J |
| 72/05/23 | 17 20 | 0003 | 42J | 0J | 0J | 2J | 40J | 0J | 308J | 392J |
| 72/08/22 | 17 30 | 0003 | 24J | 0J | 0J | 2J | 30J | 0J | 260J | 316J |
| 72/09/21 | 17 30 | 0003 | 17 | 0 | 0 | 4 | 13 | 0 | 345 | 379 |
| 72/10/17 | 15 55 | 0003 | 18 | 0 | 0 | 0 | 0 | 0 | 396 | 414 |
| 72/11/15 | 14 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/13 | 15 50 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 30 | 80 |
| 73/03/13 | 14 00 | 0003 | 60 46 | 0 | 10 | 0 | 0 | 0 | 80 62 | 130 |
| 73/03/27 | 12 55 | 0003 | 12 4 | 0 | 0 | 0 | 36 2 | 0 | 264 85 | 312 |
| 73/04/10 | 14 05 | 0003 | 50 7 | 0 | 10 | 10 | 56 7 | 0 | 625 83 | 751 |
| 73/04/24 | 12 05 | 0003 | 24 5 | 0 | 0 | 0 | 12 2 | 0 | 444 92 | 480 |
| 73/05/08 | 14 10 | 0003 | 12 3 | 0 | 0 | 0 | 48 11 | 0 | 362 86 | 422 |
| 73/05/29 | 17 25 | 0003 | 0 0 | 0 | 0 | 0 | 24 10 | 0 | 216 90 | 240 |
| 73/06/11 | 17 55 | 0003 | 12 5 | 0 | 0 | 0 | 12 5 | 0 | 204 89 | 228 |
| 73/06/26 | 17 20 | 0003 | 0 | 0 | 0 | 12 | 12 10 | 0 | 96 80 | 120 |
| 73/08/06 | 16 20 | 0003 | 36 8 | 0 | 0 | 0 | 12 3 | 24 | 360 83 | 432 |
| 73/08/21 | 13 10 | 0003 | 36 4 | 0 | 0 | 0 | 36 4 | 12 | 564 87 | 648 |
| 73/09/04 | 14 15 | 0003 | 36 3 | 0 | 0 | 0 | 348 31 | 0 | 732 66 | 1116 |
| 73/09/18 | 13 00 | 0003 | 95 12 | 0 | 20 | 5 | 25 3 | 0 | 657 82 | 802 |
| 73/10/02 | 13 05 | 0003 | 101 31 | 0 | 20 | 0 | 25 8 | 5 | 171 53 | 322 |
| 73/10/30 | 10 30 | 0003 | 114 29 | 0 | 20 | 0 | 54 14 | 10 | 189 49 | 387 |
| 73/12/04 | 13 35 | 0003 | 0 | 0 | 10 | 0 | 0 | 0 | 107 | 117 |
| 74/01/15 | 13 35 | 0003 | 100 | 0 | 0 | 10 | 0 | 0 | 90 | 200 |
| 74/02/13 | 13 05 | 0003 | 90 | 0 | 0 | 0 | 0 | 0 | 110 | 200 |
| 74/03/19 | 16 45 | 0003 | 147 | 0 | 29 | 0 | 19 | 0 | 319 | 514 |
| 74/04/02 | 15 20 | 0003 | 40 34 | 0 | 29 | 0 | 0 | 10 | 39 33 | 118 |
| 74/04/30 | 14 15 | 0003 | 770 49 | 0 | 0 | 22 | 22 1 | 0 | 770 49 | 1584 |
| 74/05/14 | 13 05 | 0003 | 66 | 0 | 0 | 0 | 44 | 0 | 616 | 726 |

STORET RETRIEVAL DATE 77/03/01

052567 D26 86
38 04 40.0 121 34 00.0 2
SAN JOAQUIN R AT POTATO POINT
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/06/12 | 12 35 | 0003 | 154 | 0 | 0 | 44 | 44 | 0 | 352 | 594 |
| 74/07/10 | 11 00 | 0003 | 44 7 | 0 | 0 | 0 | 0 | 0 | 550 92 | 594 |
| 74/07/24 | 11 25 | 0003 | 308 25 | 0 | 0 | 22 | 0 | 0 | 902 73 | 1232 |
| 74/08/13 | 16 30 | 0003 | 88 9 | 0 | 0 | 22 | 22 2 | 0 | 858 87 | 990 |
| 74/08/27 | 16 30 | 0003 | 0 0 | 0 | 0 | 0 | 44 7 | 0 | 572 93 | 616 |
| 74/09/12 | 16 50 | 0003 | 44 4 | 0 | 0 | 0 | 44 4 | 0 | 880 91 | 968 |
| 74/09/24 | 14 50 | 0003 | 22 5 | 0 | 0 | 22 | 0 0 | 22 | 396 86 | 462 |
| 74/10/08 | 13 20 | 0003 | 132 26 | 0 | 0 | 0 | 0 | 0 | 374 74 | 506 |
| 74/10/22 | 13 50 | 0003 | 88 15 | 0 | 0 | 0 | 0 | 22 | 462 81 | 572 |
| 74/11/20 | 11 40 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 550 | 572 |
| 74/12/10 | 15 50 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 396 | 418 |

STORET RETRIEVAL DATE 77/03/01

052567 D26 86
38 04 40.0 121 34 00.0 2
SAN JOAQUIN R AT POTATO POINT
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0083 | | | |
| 69/02/06 | | | 0.0001 | | | |
| 69/03/09 | | | 0.0001 | | | |
| 69/05/26 | | | 0.0154 | | | |
| 69/06/25 | | | 0.0060 | | | |
| 69/07/24 | | | 0.0050 | | | |
| 69/08/20 | | | 0.0037 | | | |
| 69/09/18 | | | 0.0002 | | | |
| 69/10/21 | | | 0.0003 | | | |
| 69/11/15 | | | 0.0002 | | | |
| 69/12/19 | | | 0.0034 | | | |
| 70/01/13 | | | 0.0031 | | | |
| 70/02/12 | | | 0.0009 | | | |
| 70/03/15 | | | 0.0010 | | | |
| 70/04/13 | | | 0.0026 | | | |
| 70/05/12 | | | 0.0185 | | | |
| 70/06/10 | | | 0.0087 | | | |
| 70/07/09 | | | 0.0694 | | | |
| 70/08/25 | | | 0.0006 | | | |
| 70/09/23 | | | 0.0006 | | | |
| 70/10/24 | | | 0.0001 | | | |
| 70/11/17 | | | 0.0059 | | | |
| 70/12/19 | | | 0.0016 | | | |
| 71/01/18 | | | 0.0028 | | | |
| 71/02/17 | | | 0.0006 | | | |
| 71/03/04 | | | 0.0001 | | | |
| 71/03/24 | | | | 10.59L | 0.00L | |
| 71/04/06 | | | | 7.06L | 0.00L | |
| 71/04/09 | | | 0.0005 | | | 1.50L |
| 71/04/21 | | | | 26.47L | 0.00L | |
| 71/05/03 | | | 0.0001 | 78.00L | | 11.00L |
| 71/05/19 | | | | 285.90L | | 28.24L |
| 71/06/02 | | | 0.0008 | | | 2.76L |
| 71/06/03 | | | | 58.82L | 0.00L | |
| 71/06/16 | | | | 171.80L | 0.00L | |
| 71/06/29 | | | | | | 4.11L |

STORET RETRIEVAL DATE 77/03/01

052567 D26 86
38 04 40.0 121 34 00.0 2
SAN JOAQUIN R AT POTATO POINT
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/07/01 | | | 0.0447 | 112.40L | 0.00L | 10.00L |
| 71/07/15 | | | | 224.70L | 0.00L | |
| 71/07/29 | | | 0.0036 | | | 2.16L |
| 71/08/04 | | | | 304.70L | 0.00L | |
| 71/08/17 | | | | 432.40L | 0.00L | |
| 71/09/01 | | | 0.0000 | | | 1.00L |
| 71/09/15 | | | | 722.40L | 1.18L | |
| 71/09/28 | | | | 81.76L | 2.35L | |
| 71/10/12 | | | 0.0004 | | | 2.80L |
| 71/10/14 | | | | 59.41L | 0.00L | |
| 71/10/27 | | | | 25.29L | 1.18L | |
| 71/11/08 | | | 0.0005 | | | 0.58L |
| 71/12/08 | | | 0.0051 | | | 1.29L |
| 72/01/10 | | | 0.0037 | 29.82 | 0.32 | 5.94 |
| 72/02/08 | | | 0.0008 | 18.24L | 0.20 | 9.00 |
| 72/03/09 | | | 0.0002 | 25.34 | 0.25 | 6.22 |
| 72/04/06 | | | 0.0030 | 147.00 | 0.96 | 12.60 |
| 72/04/19 | | | 0.0263 | 142.80 | 1.69 | 5.96 |
| 72/05/03 | | | 0.0311 | 361.80 | 5.37 | 23.63 |
| 72/05/17 | | | 0.0643 | 1253.00 | 21.70 | 41.93 |
| 72/06/05 | | | 0.0172 | 132.20 | 15.88 | 38.89 |
| 72/06/19 | | | 0.0072 | 105.00 | 5.96 | 20.27 |
| 72/07/04 | | | 0.0120 | 595.20 | 25.83 | 119.90 |
| 72/07/17 | | | 0.0011 | 81.81 | 16.29 | 107.70 |
| 72/08/01 | | | 0.0247 | 368.50 | 3.01 | 32.29 |
| 72/08/14 | | | 0.0261 | 422.80 | 6.86 | 45.35 |
| 72/09/12 | | | 0.0412 | 100.20 | 1.17 | 18.48 |
| 72/09/27 | | | 0.0513 | 85.43 | 0.03 | 14.68 |
| 72/10/11 | | | 0.0266 | 75.81 | 2.46 | 8.42 |
| 72/10/26 | | | 0.0172 | 24.74 | 1.00 | 7.05 |
| 72/11/14 | | | 0.0061 | 19.00 | 0.65 | 7.00 |
| 72/12/14 | | | 0.0015 | 12.46 | 0.33 | 4.88 |
| 73/03/14 | | | 0.0004 | 30.19 | 0.66 | 18.10 |
| 73/04/09 | | | 0.0182 | 27.31 | 1.38 | 13.37 |
| 73/04/24 | | | 0.0068 | 75.62 | 9.25 | 28.96 |
| 73/05/08 | | | 0.1058 | 63.90 | 13.24 | 14.55 |

STORET RETRIEVAL DATE 77/03/01

052567 D26 86
38 04 40.0 121 34 00.0 2
SAN JOAQUIN R AT POTATO POINT
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/05/23 | | | 0.1401 | 41.92 | 0.92 | 12.28 |
| 73/06/06 | | | 0.0057 | 49.00 | 2.33 | 19.23 |
| 73/06/25 | | | 0.0107 | 186.30 | 1.99 | 21.19 |
| 73/07/06 | | | 0.0108 | 391.20 | 3.00 | 23.65 |
| 73/07/23 | | | 0.0059 | 145.60 | 6.48 | 26.12 |
| 73/08/06 | | | 0.0070 | 286.70 | 1.15 | 20.80 |
| 73/08/20 | | | 0.0151 | 177.20 | 5.77 | 20.12 |
| 73/09/04 | | | 0.0075 | 191.10 | 5.51 | 9.54 |
| 73/09/17 | | | 0.0011 | 171.20 | 3.57 | 12.35 |
| 73/10/01 | | | 0.0019 | 116.40 | 3.56 | 3.47 |
| 73/10/15 | | | 0.0004 | 66.56 | 6.54 | 9.32 |
| 73/11/15 | | | 0.0015 | 31.81 | 3.35 | 4.76 |
| 74/03/13 | | | 0.0055 | 68.23 | 0.31 | 9.40 |
| 74/03/29 | | | 0.0014 | 32.81 | 1.01 | 10.93 |
| 74/04/15 | | | 0.0042 | 92.84 | 3.02 | 13.20 |
| 74/05/10 | | | 0.0219 | 93.71 | 16.53 | 14.07 |
| 74/05/27 | | | 0.0617 | 138.70 | 3.35 | 13.86 |
| 74/06/10 | | | 0.0641 | 55.29 | 0.40 | 19.16 |
| 74/06/24 | | | 0.0602 | 138.10 | 1.01 | 6.40 |
| 74/07/09 | | | 0.0617 | 310.70 | 0.59 | 18.25 |
| 74/07/23 | | | 0.0266 | 70.59 | 1.40 | 8.09 |
| 74/08/07 | | | 0.0140 | 121.40 | 5.90 | 11.82 |
| 74/08/22 | | | 0.0051 | 83.87 | 0.07 | 8.67 |
| 74/09/06 | | | 0.0018 | 243.30 | 3.98 | 6.86 |
| 74/09/20 | | | 0.0000 | 86.60 | 7.76 | 7.28 |
| 74/10/04 | | | 0.0005 | 78.48 | 6.79 | 13.45 |
| 74/10/21 | | | 0.0004 | 46.75 | 6.02 | 6.58 |
| 74/11/18 | | | 0.0001 | 13.66 | 2.19 | 3.77 |

STORET RETRIEVAL DATE 77/03/01

052567 D26 86
38 04 40.0 121 34 00.0 2
SAN JOAQUIN R AT POTATO POINT
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/03 | 11 30 | 0003 | 0.7 | | 1.1 | 1.6 | 1.8 | | | | |
| 71/04/06 | 16 05 | 0003 | 0.6 | | 0.8 | 1.2 | 1.2 | | | | |
| 71/05/05 | 16 30 | 0003 | | | 1.1 | 1.5 | 2.6 | | 3.0 | | 2.6 |
| 71/06/03 | 16 40 | 0003 | | | | 2.0 | 1.9 | | 2.5 | | 2.6 |
| 71/07/01 | 15 15 | 0003 | | | 1.5 | 2.2 | 2.3 | | 3.0 | | 2.8 |
| 71/08/04 | 17 55 | 0003 | | | 1.2 | 2.4 | 2.5 | | 2.7 | | 2.9 |
| 71/09/01 | 18 00 | 0003 | | | 1.6 | 2.2 | 3.2 | | 2.7 | | 2.9 |
| 71/09/29 | 16 20 | 0003 | | | 1.2 | 1.5 | 2.0 | | 2.3 | | 3.1 |
| 71/10/27 | 15 25 | 0003 | | | 0.6 | 1.3 | 1.7 | | 2.0 | | 2.1 |
| 71/11/16 | 17 10 | 0003 | | | 1.0 | 2.1 | 2.4 | | 4.0 | | 6.1 |
| 72/07/18 | 15 30 | 0003 | 0.4 | | | | | | | | |
| 72/09/21 | 17 30 | 0003 | | | 1.7 | 2.1 | | | | | 3.2 |

STORET RETRIEVAL DATE 77/03/01

052571 D27
37 56 35.0 121 34 00.0 2
ROCK SL. AT CONTRA COSTA CANAL
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0021 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 34 00 LATITUDE - 37 56 35

MONITORING STATION FOR DELTA SAN-LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION LOC.-ROCK SLOUGH AT CONTRA COSTA CANAL BELOW INTAKE.

SAMPLING POINT - FROM SOUTH SIDE OF BRIDGE CROSSING OVER SLOUGH BELOW CONTRA INTAKE.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052571 D27
37 56 35.0 121 34 00.0 2
ROCK SL. AT CONTRA COSTA CANAL
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0021 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/12 | 11 50 | 0003 | 3.00 | 0.26 | 0.67 | 1.80 | 62 | | | | | |
| 73/03/26 | 11 10 | 0003 | 8.10 | 0.48 | 1.80 | 3.80 | 67 | | | | | |
| 73/04/09 | 11 30 | 0003 | 14.00 | | | 6.30 | 69 | | | | | |
| 73/04/23 | 10 30 | 0003 | 7.20 | | | 5.30 | 58 | | | | | |
| 73/05/07 | 10 45 | 0003 | 14.00 | | | 6.20 | 69 | | | | | |
| 73/05/25 | 13 05 | 0003 | 5.40 | | | 5.80 | 48 | | | | | |
| 73/06/08 | 12 20 | 0003 | 8.20 | | | 4.10 | 66 | | | | | |
| 73/06/22 | 11 25 | 0003 | 9.20 | | | 5.20 | 64 | | | | | |
| 73/07/06 | 11 00 | 0003 | 13.00 | | | 11.00 | 55 | | | | | |
| 73/07/23 | 12 20 | 0003 | 16.00 | | | 4.80 | 77 | | | | | |
| 73/08/03 | 11 20 | 0003 | 10.00 | | | 6.50 | 61 | | | | | |
| 73/08/20 | 11 00 | 0003 | 15.00 | | | 10.00 | 60 | | | | | |
| 73/08/31 | 09 55 | 0003 | 9.80 | | | 5.40 | 64 | | | | | |
| 73/09/17 | 11 05 | 0003 | 8.30 | | | 3.00 | 73 | | | | | |
| 73/10/01 | 10 55 | 0003 | 6.10 | | | 4.80 | 56 | | | | | |
| 73/10/29 | 10 10 | 0003 | 6.30 | | | 3.90 | 62 | | | | | |
| 73/12/03 | 11 35 | 0003 | 2.00 | | | 2.50 | 45 | | | | | |
| 74/01/14 | 12 15 | 0003 | 1.40 | | | 2.80 | 33 | | | | | |
| 74/03/26 | 10 20 | 0003 | 1.90 | | | 1.30 | 59 | | | | | |
| 74/04/10 | 10 10 | 0003 | 5.50 | | | 2.50 | 68 | | | | | |
| 74/04/25 | 09 55 | 0003 | 16.00 | | | 5.20 | 75 | | | | | |
| 74/05/09 | 10 25 | 0003 | 16.00 | | | 9.30 | 63 | | | | | |
| 74/05/23 | 09 05 | 0003 | 13.00 | | | 9.30 | 60 | | | | | |
| 74/06/06 | 09 05 | 0003 | 9.70 | | | 6.30 | 61 | | | | | |
| 74/06/25 | 12 05 | 0003 | 10.00 | | | 7.40 | 58 | | | | | |
| 74/07/09 | 11 20 | 0003 | 5.70 | | | 6.70 | 46 | | | | | |
| 74/07/23 | 11 20 | 0003 | 12.00 | | | 9.20 | 58 | | | | | |
| 74/08/07 | 11 30 | 0003 | 11.00 | | | 4.70 | 71 | | | | | |
| 74/08/23 | 12 55 | 0003 | 10.00 | | | 10.00 | 50 | | | | | |
| 74/09/05 | 10 45 | 0003 | 12.00 | | | 8.10 | 60 | | | | | |
| 74/09/19 | 10 25 | 0003 | 10.00 | | | 6.50 | 62 | | | | | |
| 74/10/03 | 09 40 | 0003 | 6.90 | | | 6.00 | 53 | | | | | |
| 74/10/17 | 09 50 | 0003 | 6.90 | | | 5.40 | 56 | | | | | |
| 74/11/07 | 13 55 | 0003 | 4.00 | | | 3.00 | 57 | | | | | |
| 74/11/19 | 11 40 | 0003 | 2.90 | | | 2.00 | 60 | | | | | |
| 74/12/18 | 11 00 | 0003 | 1.70 | | | 2.20 | 44 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052571 D27
37 56 35.0 121 34 00.0 2
ROCK SL. AT CONTRA COSTA CANAL
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0021 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/12 | 11 50 | 0003 | 96 | 0 | 0 | 0 | 121 | 0 | 55 | 272 |
| 73/03/26 | 11 10 | 0003 | 525 | 0 | 131 | 10 | 232 | 0 | 1020 | 1948 |
| 73/04/09 | 11 30 | 0003 | 12 | 0 | 0 | 12 | 36 | 0 | 720 | 780 |
| 73/05/25 | 13 05 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 324 | 384 |
| 73/06/08 | 12 20 | 0003 | 36 | 0 | 0 | 0 | 192 | 0 | 372 | 600 |
| 73/06/22 | 11 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 516 | 516 |
| 73/07/06 | 11 00 | 0003 | 72 | 0 | 0 | 0 | 60 | 0 | 468 | 600 |
| 73/07/23 | 12 20 | 0003 | 168 | 0 | 0 | 0 | 12 | 0 | 744 | 924 |
| 73/08/03 | 11 20 | 0003 | 48 | 0 | 0 | 12 | 24 | 0 | 936 | 1020 |
| 73/08/20 | 11 00 | 0003 | 0 | 0 | 0 | 0 | 36 | 0 | 828 | 864 |
| 73/08/31 | 09 55 | 0003 | 48 | 0 | 0 | 0 | 60 | 0 | 480 | 588 |
| 73/09/17 | 11 05 | 0003 | 36 | 0 | 0 | 0 | 84 | 0 | 672 | 792 |
| 73/10/01 | 10 55 | 0003 | 10 | 0 | 10 | 0 | 20 | 0 | 423 | 463 |
| 73/10/29 | 10 10 | 0003 | 20 | 0 | 20 | 0 | 10 | 0 | 323 | 373 |
| 73/12/03 | 11 35 | 0003 | 20 | 0 | 0 | 0 | 25 | 0 | 50 | 95 |
| 74/01/14 | 12 15 | 0003 | 141 | 0 | 20 | 0 | 0 | 0 | 30 | 191 |
| 74/03/26 | 10 20 | 0003 | 101 | 0 | 50 | 0 | 71 | 0 | 40 | 262 |
| 74/04/10 | 10 10 | 0003 | 205 | 0 | 58 | 0 | 49 | 0 | 222 | 534 |
| 74/04/25 | 09 55 | 0003 | 374 | 22 | 0 | 0 | 0 | 0 | 2112 | 2508 |
| 74/05/09 | 10 25 | 0003 | 286 | 0 | 0 | 0 | 0 | 0 | 9016 | 9302 |
| 74/05/23 | 09 05 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 6512 | 6578 |
| 74/06/06 | 09 05 | 0003 | 506 | 0 | 0 | 0 | 0 | 0 | 528 | 1034 |
| 74/06/25 | 12 05 | 0003 | 0 | 0 | 0 | 0 | 76 | 0 | 1617 | 1693 |
| 74/07/09 | 11 20 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 1078 | 1100 |
| 74/07/23 | 11 20 | 0003 | 330 | 22 | 0 | 0 | 0 | 0 | 1364 | 1716 |
| 74/08/07 | 11 30 | 0003 | 110 | 0 | 0 | 44 | 66 | 0 | 484 | 704 |
| 74/08/23 | 12 55 | 0003 | 0 | 0 | 0 | 0 | 22 | 0 | 726 | 748 |
| 74/09/05 | 10 45 | 0003 | 22 | 22 | 0 | 0 | 0 | 0 | 1298 | 1342 |
| 74/09/19 | 10 25 | 0003 | 22 | 0 | 0 | 0 | 110 | 0 | 418 | 550 |
| 74/10/03 | 09 40 | 0003 | 22 | 0 | 0 | 22 | 44 | 0 | 594 | 682 |
| 74/10/17 | 09 50 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 792 | 814 |
| 74/11/07 | 13 55 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 594 | 638 |
| 74/11/19 | 11 40 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 176 | 242 |
| 74/12/18 | 11 00 | 0003 | 198 | 0 | 0 | 0 | 0 | 0 | 88 | 286 |

STORET RETRIEVAL DATE 77/03/01

052572 D28
37 58 38.0 121 38 25.0 2
OLD RIVER AT PALM TRACT.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 38 25 LATITUDE - 37 58 38

MONITORING STATION FOR DELTA SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED ON OLD RIVER AT NORTH END OF PALM TRACT.

SAMPLING POINT - LOCATED ON SOUTH BANK OF ROCK SLOUGH AND OLD RIVER.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052572 D28
37 58 38.0 121 38 25.0 2
OLD RIVER AT PALM TRACT.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/12 | 14 40 | 0001 | 2.30 | 0.30 | 0.69 | 2.00 | 53 | | | | | |
| 73/03/26 | 13 30 | 0002 | 7.50 | 0.84 | 2.80 | 5.10 | 60 | | | | | |
| 73/04/09 | 14 10 | 0003 | 14.00 | | | 3.40 | 81 | | | | | |
| 73/04/23 | 12 30 | 0003 | 20.00 | | | 8.40 | 71 | | | | | |
| 73/05/07 | 13 05 | 0001 | 9.70 | | | 7.70 | 56 | | | | | |
| 73/05/25 | 15 10 | 0001 | 4.80 | | | 5.50 | 47 | | | | | |
| 73/06/08 | 14 55 | 0001 | 6.70 | | | 3.30 | 67 | | | | | |
| 73/06/22 | 13 35 | 0003 | 7.50 | | | 3.90 | 65 | | | | | |
| 73/07/23 | 13 50 | 0003 | 20.00 | | | 6.10 | 77 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/12 | 14 40 | 0001 | 55 | 0 | 0 | 0 | 0 | 0 | 141 | 196 |
| 73/03/26 | 13 30 | 0002 | 797 | 0 | 30 | 30 | 0 | 5 | 474 | 1336 |
| 73/04/09 | 14 10 | 0003 | 12 | 0 | 0 | 0 | 36 | 0 | 492 | 540 |
| 73/04/23 | 12 30 | 0003 | 12 | 0 | 0 | 0 | 12 | 0 | 708 | 732 |
| 73/05/25 | 15 10 | 0001 | 12 | 0 | 0 | 0 | 60 | 0 | 300 | 372 |
| 73/06/08 | 14 55 | 0001 | 0 | 0 | 0 | 12 | 48 | 0 | 216 | 276 |

STORET RETRIEVAL DATE 77/03/01

052573 D28A
37 58 10.0 121 34 15.0 2
OLD RV OPPOSITE RANCHO DEL RIO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 34 19 LATITUDE - 37 58 14

MONITORING STATION FOR DELTA SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED ON OLD RIVER OPPOSITE RANCHO DELREO.

SAMPLING POINT - LOCATED ON OLD RIVER APPROXIMATELY 50 YARDS FROM EAST BANK AND RANCHO DELREO OFFICE.

SAMPLES COLLECTED BY USBR AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/01

052573 D28A
37 58 10.0 121 34 15.0 2
OLD RV OPPOSITE RANCHO DEL RIO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/19 | | | 0.0167 | 35.94 | 0.28 | 10.10 |
| 74/04/04 | | | 0.0090 | 71.71 | 0.65 | 8.25 |
| 74/04/19 | | | 0.0072 | 159.00 | 2.45 | 24.61 |
| 74/05/15 | | | 0.0546 | 134.00 | 24.86 | 36.02 |
| 74/05/31 | | | 0.0038 | 633.70 | 18.50 | 31.72 |
| 74/06/11 | | | 0.0054 | 391.40 | 5.95 | 29.09 |
| 74/06/25 | | | 0.0024 | 3.63L | 1.60L | 1.67L |
| 74/07/15 | | | 0.0013 | 258.30 | 1.22 | 16.70 |
| 74/07/29 | | | 0.0009 | 411.00 | 3.81 | 13.95 |
| 74/08/09 | | | 0.0012 | 258.30 | 4.32 | 12.08 |
| 74/08/28 | | | 0.0001 | 766.00 | 17.47 | 31.90 |
| 74/09/12 | | | 0.0001 | 635.30 | 13.06 | 18.92 |
| 74/09/19 | | | 0.0005 | 342.30 | 11.42 | 31.56 |
| 74/10/10 | | | 0.0005 | 328.20 | 24.03 | 10.31 |
| 74/10/25 | | | 0.0001 | 155.00 | 23.46 | 9.73 |
| 74/11/22 | | | 0.0000 | 9.37 | 2.23 | 1.24 |

STORET RETRIEVAL DATE 77/03/01

052573 D28A
37 58 10.0 121 34 15.0 2
OLD RV OPPOSITE RANCHO DEL RIO
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 12 35 | 0003 | 1.1 | | | | | | | | |
| 74/05/09 | 10 20 | 0003 | 1.7 | | | | | | | | |
| 74/06/05 | 09 45 | 0003 | 1.1 | | | | | | | | |
| 74/07/08 | 12 05 | 0003 | 1.3 | | | | | | | | |
| 74/08/06 | 11 05 | 0003 | 0.9 | | | | | | | | |
| 74/09/05 | 12 05 | 0003 | 0.8 | | | | | | | | |
| 74/10/01 | 11 20 | 0003 | 1.5 | | | | | | | | |
| 74/11/06 | 14 40 | 0003 | 0.9 | | | | | | | | |
| 74/12/17 | 11 55 | 0003 | 1.2 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/01

052618 FG13
38 02 40.0 121 53 56.0 2
SUISUN BAY OFF POINT WISE
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0045 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 53 56 LATITUDE - 38 02 40

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY OFF POINT WISE.

SAMPLING TRANSECT - LOCATED IN MIDDLE OF CHANNEL SOUTHWEST OF POINT WISE AND ONE THOUSAND YARDS UPSTREAM FROM DOLPHIN 26.

SAMPLES COLLECTED AND ANALYZFD BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/01

052618 FG13
38 02 40.0 121 53 56.0 2
SUISUN BAY OFF POINT WISE
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0045 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/08 | | | 0.0182 | | | |
| 69/02/05 | | | 0.0001 | | | |
| 69/03/08 | | | 0.0001 | | | |
| 69/05/25 | | | 0.0046 | | | |
| 69/06/23 | | | 0.1535 | | | |
| 69/07/23 | | | 0.0653 | | | |
| 69/08/18 | | | 0.3685 | | | |
| 69/09/16 | | | 0.1059 | | | |
| 69/10/19 | | | 0.1267 | | | |
| 69/11/17 | | | 0.0516 | | | |
| 69/12/20 | | | 0.0047 | | | |
| 70/01/15 | | | 0.0013 | | | |
| 70/02/14 | | | 0.0009 | | | |
| 70/03/17 | | | 0.0035 | | | |
| 70/04/15 | | | 0.0565 | | | |
| 70/05/15 | | | 0.0770 | | | |
| 70/06/12 | | | 0.1118 | | | |
| 70/07/11 | | | 0.2278 | | | |
| 70/08/23 | | | 0.0551 | | | |
| 70/09/21 | | | 0.0876 | | | |
| 70/10/22 | | | 0.2577 | | | |
| 70/11/19 | | | 0.0252 | | | |
| 70/12/22 | | | 0.0080 | | | |
| 71/01/21 | | | 0.0023 | | | |
| 71/02/21 | | | 0.0039 | | | |
| 71/03/07 | | | 0.0095 | | | |
| 71/04/07 | | | 0.0220 | 0.17L | 0.05L | 0.44L |
| 71/05/06 | | | 0.0259 | 2.65L | 0.43L | 6.70L |
| 71/06/05 | | | 0.0329 | 0.38L | 0.50L | 1.96L |
| 71/07/01 | | | 0.0990 | 0.00L | 0.11L | 5.44L |
| 71/08/01 | | | 0.1435 | 0.00L | 1.26L | 26.11L |
| 71/09/03 | | | 0.2980 | 0.02L | 0.15L | 5.04L |
| 71/10/14 | | | 0.1089 | 0.00L | 0.00L | 19.27L |
| 71/11/12 | | | 0.0587 | 0.09L | 0.00L | 9.07L |
| 71/12/15 | | | 0.0042 | 0.00L | 0.07L | 7.61L |
| 72/01/13 | | | 0.0018 | 5.35 | 0.02 | 10.48 |

STORET RETRIEVAL DATE 77/03/01

052618 FG13
38 02 40.0 121 53 56.0 2
SUISUN BAY OFF POINT WISE
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0045 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/10 | | | | 8.25 | 0.02 | 11.08 |
| 72/02/14 | | | 0.0105 | | | |
| 72/03/14 | | | 0.0092 | 10.03 | 0.03 | 22.21 |
| 72/04/11 | | | 0.0158 | 62.83 | 0.00 | 54.33 |
| 72/04/24 | | | 0.0165 | 104.10 | 0.04 | 36.30 |
| 72/05/09 | | | 0.0493 | 1.93 | 0.00 | 101.60 |
| 72/05/23 | | | 0.0599 | 2.94 | 0.00 | 130.80 |
| 72/06/08 | | | 0.0000 | 25.46 | 0.00 | 165.30 |
| 72/06/22 | | | 0.0087 | 91.56 | 0.00 | 196.20 |
| 72/07/08 | | | 0.0803 | 19.97 | 0.59 | 224.00 |
| 72/07/20 | | | 0.0463 | 7.17 | 0.00 | 225.40 |
| 72/08/04 | | | 0.0304 | 9.01 | 0.00 | 236.80 |
| 72/08/17 | | | 0.0878 | 23.03 | 0.00 | 117.50 |
| 72/09/15 | | | 0.0784 | 63.53 | 0.00 | 85.23 |
| 72/09/30 | | | 0.2600 | 60.00 | 0.52 | 120.00 |
| 72/10/17 | | | 0.1137 | 13.53 | 0.06 | 74.08 |
| 72/10/29 | | | 0.1250 | 26.47 | 0.00 | 91.81 |
| 72/11/17 | | | 0.0273 | 10.00 | 0.00 | 43.00 |
| 72/12/22 | | | 0.0057 | 7.00 | 0.13 | 7.00 |
| 73/03/17 | | | 0.0024 | 10.38 | 0.64 | 13.07 |
| 73/04/12 | | | 0.0179 | 25.11 | 0.65 | 33.95 |
| 73/04/27 | | | 0.1970 | 81.76 | 0.00 | 115.40 |
| 73/05/11 | | | 0.2577 | 71.76 | 0.00 | 86.65 |
| 73/05/29 | | | 0.1464 | 47.06 | 0.00 | 27.71 |
| 73/06/11 | | | 0.3654 | 44.12 | 0.00 | 21.53 |
| 73/06/28 | | | 0.1623 | 226.10 | 0.09 | 38.62 |
| 73/07/11 | | | 0.0760 | 208.90 | 0.00 | 197.00 |
| 73/07/26 | | | 0.0344 | 49.00 | 0.00 | 30.00 |
| 73/08/09 | | | 0.0312 | 125.50 | 0.13 | 134.70 |
| 73/08/23 | | | 0.1167 | 14.49 | 0.00 | 119.80 |
| 73/09/07 | | | 0.2401 | 17.80 | 0.00 | 62.00 |
| 73/09/20 | | | 0.1061 | 50.15 | 0.00 | 102.00 |
| 73/10/04 | | | 0.0806 | 140.60 | 0.23 | 55.51 |
| 73/10/19 | | | 0.0358 | 60.00 | 0.20 | 73.71 |
| 73/11/20 | | | 0.0111 | 23.72 | 1.11 | 10.47 |
| 74/03/18 | | | 0.0034 | 62.28 | 0.08 | 10.43 |

STORET RETRIEVAL DATE 77/03/01

052618 FG13
38 02 40.0 121 53 56.0 2
SUISUN BAY OFF POINT WISE
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0045 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/03 | | | 0.0002 | 84.36 | 0.93 | 17.34 |
| 74/04/18 | | | 0.0014 | 72.34 | 0.69 | 15.67 |
| 74/05/17 | | | 0.0349 | 293.20 | 27.91 | 33.51 |
| 74/05/30 | | | 0.3042 | 642.80 | 0.17 | 44.46 |
| 74/06/17 | | | 0.2646 | 544.40 | 0.03 | 23.53 |
| 74/06/27 | | | 0.0757 | 119.40L | 0.00L | 40.56L |
| 74/07/12 | | | 0.3144 | 64.41 | 0.00 | 60.05 |
| 74/07/26 | | | 0.2248 | 23.89 | 1.27 | 39.93 |
| 74/08/13 | | | 0.1572 | 51.38 | 0.00 | 39.08 |
| 74/08/27 | | | 0.1020 | 55.55 | 0.28 | 37.21 |
| 74/09/16 | | | 0.0327 | 71.03 | 0.53 | 13.80 |
| 74/09/25 | | | 0.1305 | 130.00 | 0.21 | 10.60 |
| 74/10/09 | | | 0.1915 | 185.80 | 0.12 | 60.27 |
| 74/10/24 | | | 0.0832 | 29.42 | 0.12 | 13.20 |
| 74/11/21 | | | 0.0438 | 9.94 | 0.23 | 43.66 |

STORET RETRIEVAL DATE 77/03/01

052619 FG14
38 33 00.0 121 52 38.0 2
SUISUN BAY-NORTH OF POINT EMMET
06 CALIFORNIA
SUISUN BAY 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 52 38 LATITUDE - 38 33 00

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY NORTH OF POINT EMMET.

SAMPLING TRANSECT - LOCATED IN MIDDLE OF CHANNEL NORTH OF POINT EMMET AN
D OPPOSITE BUOY 29.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N, CA.

STORET RETRIEVAL DATE 77/03/01

052619 FG14
38 33 00.0 121 52 38.0 2
SUISUN BAY-NORTH OF POINT EMMET
06 CALIFORNIA
SUISUN BAY 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/08 | | | 0.0383 | | | |
| 69/02/05 | | | 0.0002 | | | |
| 69/03/08 | | | 0.0006 | | | |
| 69/05/25 | | | 0.0066 | | | |
| 69/06/23 | | | 0.1164 | | | |
| 69/07/23 | | | 0.1354 | | | |
| 69/08/18 | | | 0.3570 | | | |
| 69/09/16 | | | 0.0930 | | | |
| 69/10/19 | | | 0.0585 | | | |
| 69/11/17 | | | 0.0728 | | | |
| 69/12/20 | | | 0.0063J | | | |
| 70/01/15 | | | 0.0014 | | | |
| 70/02/14 | | | 0.0001 | | | |
| 70/03/17 | | | 0.0017 | | | |
| 70/04/15 | | | 0.0656 | | | |
| 70/05/15 | | | 0.2050 | | | |
| 70/06/12 | | | 1.3370 | | | |
| 70/07/11 | | | 0.2128 | | | |
| 70/08/23 | | | 0.3003 | | | |
| 70/09/21 | | | 0.0434 | | | |
| 70/10/22 | | | 0.1713 | | | |
| 70/11/19 | | | 0.0497 | | | |
| 70/12/22 | | | 0.0006 | | | |
| 71/01/21 | | | 0.0012 | | | |
| 71/02/21 | | | 0.0019 | | | |
| 71/03/07 | | | 0.0057 | | | |
| 71/04/07 | | | 0.0050 | 0.07L | 0.11L | 0.24L |
| 71/05/06 | | | 0.0069 | 2.71L | 0.73L | 8.61L |
| 71/06/05 | | | 0.0102 | 0.32L | 0.42L | 15.70L |
| 71/07/01 | | | 0.3274 | 0.00L | 0.29L | 3.15L |
| 71/08/01 | | | 0.4107 | 0.00L | 0.50L | 12.42L |
| 71/09/03 | | | 0.2709 | | | |
| 71/10/14 | | | 0.2873 | 0.04L | 0.00L | 8.23L |
| 71/11/12 | | | 0.0184 | 0.00L | 0.19L | 9.39L |
| 71/12/15 | | | 0.0308 | 0.00L | 0.11L | 12.32L |
| 72/01/13 | | | 0.0012 | 4.73 | 0.00 | 20.77 |

STORET RETRIEVAL DATE 77/03/01

052619 FG14
38 33 00.0 121 52 38.0 2
SUISUN BAY-NORTH OF POINT EMMET
06 CALIFORNIA
SUISUN BAY 140991

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/14 | | | 0.0052 | 16.64 | 0.07 | 6.76 |
| 72/03/14 | | | 0.0040 | 8.29 | 0.06 | 18.21 |
| 72/04/11 | | | 0.0433 | 87.11 | 0.00 | 63.44 |
| 72/04/24 | | | 0.0547 | 155.60 | 0.00 | 42.63 |
| 72/05/09 | | | 0.1306 | 5.88 | 0.00 | 82.93 |
| 72/05/23 | | | 0.1272 | 2.35 | 0.00 | 161.70 |
| 72/06/08 | | | 0.0594 | 8.44 | 0.00 | 76.90 |
| 72/06/22 | | | 0.0064 | 120.60 | 0.00 | 270.90 |
| 72/07/08 | | | 0.0557 | 13.84 | 0.00 | 181.60 |
| 72/07/20 | | | 0.0862 | 8.86 | 0.00 | 175.00 |
| 72/08/04 | | | 0.0216 | 9.84 | 0.23 | 216.50 |
| 72/08/17 | | | 0.2256 | 26.11 | 0.00 | 99.65 |
| 72/09/15 | | | 0.1249 | 122.90 | 0.66 | 152.30 |
| 72/09/30 | | | 0.2209 | 85.88 | 0.23 | 107.40 |
| 72/10/17 | | | 0.0704 | 25.88 | 0.14 | 130.80 |
| 72/10/29 | | | 0.0843 | 22.35 | 0.06 | 69.39 |
| 72/11/17 | | | 0.0125 | 15.00 | 0.00 | 47.00 |
| 72/12/22 | | | 0.0053 | 4.00 | 0.39 | 6.00 |
| 73/03/17 | | | 0.0113 | 21.24 | 0.68 | 16.39 |
| 73/04/12 | | | 0.0346 | 55.36 | 0.62 | 49.61 |
| 73/04/27 | | | 0.0807 | 158.90 | 0.00 | 140.90 |
| 73/05/11 | | | 0.1884 | 116.00 | 0.00 | 71.03 |
| 73/05/29 | | | 0.0990 | 35.88 | 0.00 | 29.08 |
| 73/06/11 | | | 0.1615 | 45.29 | 0.59 | 23.62 |
| 73/06/28 | | | 0.1487 | 351.90 | 0.00 | 63.36 |
| 73/07/11 | | | 0.0635 | 213.30 | 0.00 | 145.50 |
| 73/07/26 | | | 0.0252 | 114.00 | 0.00 | 102.00 |
| 73/08/09 | | | 0.1810 | 177.70 | 0.00 | 187.70 |
| 73/08/23 | | | 0.0424 | 26.47 | 0.00 | 132.60 |
| 73/09/07 | | | 0.1710 | 8.82 | 0.07 | 46.00 |
| 73/09/20 | | | 0.0987 | 83.58 | 0.00 | 92.27 |
| 73/10/04 | | | 0.0593 | 165.90 | 0.08 | 35.79 |
| 73/10/19 | | | 0.1031 | 163.70 | 0.03 | 74.72 |
| 73/11/20 | | | 0.0038 | 31.22 | 1.33 | 10.90 |
| 74/03/18 | | | 0.0025 | 58.28 | 0.08 | 8.51 |
| 74/04/03 | | | 0.0001 | 54.72 | 0.71 | 23.35 |

STORET RETRIEVAL DATE 77/03/01

052619 FG14
38 33 00.0 121 52 38.0 2
SUISUN BAY-NORTH OF POINT EMMET
06 CALIFORNIA
SUISUN BAY 140991

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0003 | 88.82 | 0.75 | 15.66 |
| 74/05/17 | | | 0.0885 | 3.69L | 17.93L | 3.69L |
| 74/05/30 | | | 0.2246 | 677.70 | 0.24 | 41.44 |
| 74/06/17 | | | 0.2331 | 653.50 | 0.66 | 13.15 |
| 74/06/27 | | | 0.3154 | 182.60 | 0.03 | 25.82 |
| 74/07/12 | | | 0.2523 | 57.98 | 1.09 | 58.78 |
| 74/07/26 | | | 0.1104 | 59.67 | 0.12 | 51.67 |
| 74/08/13 | | | 0.1684 | 49.09 | 0.00 | 22.19 |
| 74/08/27 | | | 0.0718 | 38.52 | 0.54 | 24.02 |
| 74/09/16 | | | 0.0370 | 88.24 | 0.03 | 9.70 |
| 74/09/25 | | | 0.0170 | 168.10 | 0.29 | 11.44 |
| 74/10/09 | | | 0.0842 | 53.60 | 0.14 | 17.31 |
| 74/10/24 | | | 0.0469 | 64.82 | 1.35 | 16.65 |
| 74/11/21 | | | 0.0475 | 7.57 | 0.53 | 18.97 |

STORET RETRIEVAL DATE 77/03/01

/TYPA/AMBNT/STREAM

052620 FG15
38 03 41.0 121 51 38.0 2
SUISUN BAY- OFF PT. SAN JOAQUIN
06 CALIFORNIA
SUISUN BAY 140993

113BUREC 04001004
0045 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 51 38 LATITUDE - 38 03 41

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY OFF POINT SAN JOAQUIN.

SAMPLING TRANSECT - LOCATED IN MIDDLE OF CHANNEL NORTHWEST OF POINT SAN JOAQUIN AND OPPOSITE LIGHT 33.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N. CA.

STORET RETRIEVAL DATE 77/03/01

052620 FG15
38 03 41.0 121 51 38.0 2
SUISUN BAY- OFF PT. SAN JOAQUIN
06 CALIFORNIA
SUISUN BAY 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0045 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/08 | | | 0.0110 | | | |
| 69/02/05 | | | 0.0001 | | | |
| 69/03/08 | | | 0.0006 | | | |
| 69/05/25 | | | 0.0230 | | | |
| 69/06/23 | | | 0.1043 | | | |
| 69/07/23 | | | 0.1455 | | | |
| 69/08/18 | | | 0.1378 | | | |
| 69/09/16 | | | 0.0430 | | | |
| 69/10/19 | | | 0.1763 | | | |
| 69/11/17 | | | 0.0252 | | | |
| 69/12/20 | | | 0.0079 | | | |
| 70/01/15 | | | 0.0002 | | | |
| 70/02/14 | | | 0.0000 | | | |
| 70/03/17 | | | 0.0036 | | | |
| 70/04/15 | | | 0.1031 | | | |
| 70/05/15 | | | 0.0430 | | | |
| 70/06/12 | | | 0.2055 | | | |
| 70/07/11 | | | 0.3091 | | | |
| 70/08/23 | | | 0.2116 | | | |
| 70/09/21 | | | 0.0198 | | | |
| 70/10/22 | | | 0.1448 | | | |
| 70/11/19 | | | 0.0389 | | | |
| 70/12/22 | | | 0.0007 | | | |
| 71/01/21 | | | 0.0007 | | | |
| 71/02/21 | | | 0.0063 | | | |
| 71/03/07 | | | 0.0064 | | | |
| 71/04/07 | | | 0.0183 | | | |
| 71/05/06 | | | 0.0210 | 3.44L | 1.67L | 5.95L |
| 71/06/05 | | | 0.0192 | 0.11L | 0.64L | 1.34L |
| 71/07/01 | | | 0.0719 | 0.00L | 0.72L | 5.15L |
| 71/08/01 | | | 0.9232 | 0.00L | 0.34L | 8.67L |
| 71/09/03 | | | 0.0366 | 0.07L | 1.60L | 12.26L |
| 71/10/14 | | | 0.1800J | 0.00 | 0.00 | 6.00 |
| 71/11/12 | | | 0.0026 | 0.00L | 0.05L | 17.17L |
| 71/12/15 | | | 0.0202 | 0.01L | 0.06L | 1.76L |
| 72/01/13 | | | 0.0023 | 6.47L | 0.00L | 12.00 |

STORET RETRIEVAL DATE 77/03/01

052620 FG15
38 03 41.0 121 51 38.0 2
SUISUN BAY- OFF PT. SAN JOAQUIN
06 CALIFORNIA
SUISUN BAY 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0045 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/14 | | | 0.0037 | 12.66 | 0.05 | 5.65 |
| 72/03/14 | | | 0.0100 | 18.26 | 0.03 | 6.41 |
| 72/04/11 | | | 0.0139 | 163.00 | 0.00 | 90.14 |
| 72/04/24 | | | 0.0044 | 246.50 | 0.00 | 49.73 |
| 72/05/05 | | | 0.0209 | 5.88 | 0.11 | 100.70 |
| 72/05/23 | | | 0.0736 | 1.18 | 0.00 | 156.90 |
| 72/06/08 | | | 0.0427 | 17.33 | 0.00 | 86.29 |
| 72/06/22 | | | 0.0075 | 78.46 | 0.00 | 165.80 |
| 72/07/08 | | | 0.0270 | 15.94 | 0.00 | 230.60 |
| 72/07/20 | | | 0.0798 | 18.96 | 0.00 | 215.60 |
| 72/08/04 | | | 0.0569 | 12.86 | 0.10 | 155.20 |
| 72/08/17 | | | 0.0847 | 33.72 | 0.00 | 100.80 |
| 72/09/15 | | | 0.0922 | 80.59 | 1.06 | 163.90 |
| 72/09/30 | | | 0.0710 | 107.10 | 1.06 | 53.90 |
| 72/10/17 | | | 0.0959 | 21.76 | 0.00 | 71.18 |
| 72/10/29 | | | 0.0414 | 19.41 | 0.00 | 53.02 |
| 72/11/17 | | | 0.0172 | 12.00 | 0.08 | 24.00 |
| 72/12/22 | | | 0.0076 | 10.00 | 0.30 | 6.00 |
| 73/03/17 | | | 0.0075 | 9.51 | 0.59 | 14.60 |
| 73/04/12 | | | 0.0497 | 39.56 | 0.10 | 32.68 |
| 73/04/27 | | | 0.1512 | 217.30 | 0.00 | 90.93 |
| 73/05/11 | | | 0.1959 | 198.30 | 0.00 | 105.80 |
| 73/05/29 | | | 0.0386 | 37.65 | 0.00 | 25.91 |
| 73/06/11 | | | 0.0191 | 45.29 | 0.00 | 15.35 |
| 73/06/28 | | | 0.0600 | 234.90 | 0.00 | 41.00 |
| 73/07/11 | | | 0.0874 | 180.90 | 0.00 | 115.10 |
| 73/07/26 | | | 0.1423 | 460.00 | 0.00 | 375.00 |
| 73/08/09 | | | 0.1140 | 142.40 | 0.00 | 170.90 |
| 73/08/23 | | | 0.1579 | 18.34 | 0.00 | 118.60 |
| 73/09/07 | | | 0.0663 | 12.58 | 0.00 | 21.00 |
| 73/09/20 | | | 0.9076 | 79.41 | 0.02 | 79.80 |
| 73/10/04 | | | 0.0561 | 207.90 | 0.26 | 33.43 |
| 73/10/19 | | | 0.0352 | 98.25 | 0.12 | 44.36 |
| 73/11/20 | | | 0.0084 | 24.32 | 1.63 | 9.43 |
| 74/03/18 | | | 0.0010 | 63.82 | 0.09 | 8.79 |
| 74/04/03 | | | 0.0005 | 56.06 | 0.95 | 12.70 |

STORET RETRIEVAL DATE 77/03/01

052620 FG15
38 03 41.0 121 51 38.0 2
SUISUN BAY- OFF PT. SAN JOAQUIN
06 CALIFORNIA
SUISUN BAY 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0045 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0011 | 78.38 | 1.29 | 16.04 |
| 74/05/17 | | | 0.0863 | 257.00 | 14.63 | 35.71 |
| 74/05/30 | | | 0.2439 | 697.80 | 1.80 | 43.99 |
| 74/06/17 | | | 0.1948 | 611.90 | 0.02 | 8.57 |
| 74/06/27 | | | 0.1165 | 218.70 | 0.00 | 37.33 |
| 74/07/12 | | | 0.1952 | 51.63 | 0.00 | 45.12 |
| 74/07/26 | | | 0.0471 | 34.05 | 1.14 | 49.80 |
| 74/08/13 | | | 0.0434 | 82.61 | 0.91 | 18.93 |
| 74/08/27 | | | 0.0701 | 57.57 | 0.36 | 25.03 |
| 74/09/16 | | | 0.0196 | 126.70 | 2.86 | 14.91 |
| 74/09/25 | | | 0.0528 | 133.20 | 1.55 | 13.75 |
| 74/10/09 | | | 0.0830 | 44.15 | 0.58 | 24.48 |
| 74/10/24 | | | 0.0941 | 59.06 | 0.31 | 10.74 |
| 74/11/21 | | | 0.0211 | 8.70 | 0.43 | 8.32 |

STORET RETRIEVAL DATE 77/03/01

052622 FG17
38 03 48.0 121 47 26.0 2
SACTO RIVER-BOTTOM OF SHERMAN I.
06 CALIFORNIA
SACRAMENTO RIVER 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 47 26 LATITUDE - 38 03 48

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SACRAMENTO RIVER AT BOTTOM OF SHERMAN ISLAND.

SAMPLING TRANSECT - LOCATED IN SACRAMENTO RIVER CHANNEL OFF SOUTHWEST EN
D OF SHERMAN ISLAND AND TWO HUNDRED YARDS UPSTREAM FROM BUOYS 15 AND 16.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N, CA.

STORET RETRIEVAL DATE 77/03/01

052622 FG17
38 03 48.0 121 47 26.0 2
SACTO RIVER-BOTTOM OF SHERMAN I.
06 CALIFORNIA
SACRAMENTO RIVER 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/08 | | | 0.0163 | | | |
| 69/02/05 | | | 0.0001 | | | |
| 69/03/08 | | | 0.0000 | | | |
| 69/05/25 | | | 0.0014 | | | |
| 69/06/23 | | | 0.1567 | | | |
| 69/07/23 | | | 0.1894 | | | |
| 69/08/19 | | | 0.2292 | | | |
| 69/09/17 | | | 0.0502 | | | |
| 69/10/20 | | | 0.0342 | | | |
| 69/11/16 | | | 0.0151 | | | |
| 69/12/19 | | | 0.0060 | | | |
| 70/01/14 | | | 0.0003 | | | |
| 70/02/13 | | | 0.0001 | | | |
| 70/03/16 | | | 0.0001 | | | |
| 70/04/14 | | | 0.0738 | | | |
| 70/05/14 | | | 0.1353 | | | |
| 70/06/11 | | | 0.0521 | | | |
| 70/07/10 | | | 0.2358 | | | |
| 70/08/24 | | | 0.1371 | | | |
| 70/09/22 | | | 0.1273 | | | |
| 70/10/23 | | | 0.0683 | | | |
| 70/11/18 | | | 0.0297 | | | |
| 70/12/20 | | | 0.0008 | | | |
| 71/01/19 | | | 0.0004 | | | |
| 71/02/18 | | | 0.0006 | | | |
| 71/03/05 | | | 0.0078 | | | |
| 71/04/08 | | | 0.0005 | 0.33L | 0.11L | 0.48L |
| 71/05/04 | | | 0.0512 | 2.90L | 0.78L | 5.06L |
| 71/06/03 | | | 0.0055 | 0.24L | 1.17L | 1.08L |
| 71/07/01 | | | 0.0500 | 0.21L | 1.88L | 1.00L |
| 71/07/30 | | | 0.1268 | 0.20L | 0.09L | 2.78L |
| 71/09/01 | | | 0.1450 | 0.24L | 0.27L | 4.07L |
| 71/10/18 | | | 0.0159 | 2.31L | 4.70L | 8.63L |
| 71/11/09 | | | 0.0876 | 0.05L | 0.17L | 1.79L |
| 71/12/09 | | | 0.0552 | 0.01L | 0.41L | 1.10L |
| 72/01/11 | | | 0.0108 | 7.85 | 0.19 | 4.73 |

STORET RETRIEVAL DATE 77/03/01

052622 FG17
38 03 48.0 121 47 26.0 2
SACTO RIVER-BOTTOM OF SHERMAN I.
06 CALIFORNIA
SACRAMENTO RIVER 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/09 | | | 0.0052 | 9.02 | 0.11 | 6.83 |
| 72/03/09 | | | 0.0009 | 12.00 | 0.16 | 3.00 |
| 72/04/07 | | | 0.0701 | 244.80 | 0.00 | 42.11 |
| 72/04/20 | | | 0.1843 | 385.80 | 0.05 | 16.12 |
| 72/05/05 | | | 0.0757 | 20.00 | 0.00 | 135.10 |
| 72/05/19 | | | 0.1191 | 19.41 | 0.00 | 146.10 |
| 72/06/06 | | | 0.0848 | 52.35 | 0.09 | 84.09 |
| 72/06/22 | | | 0.1086 | 7.00 | 0.05 | 54.00 |
| 72/07/05 | | | 0.0274 | 5.29 | 0.00 | 146.00 |
| 72/07/18 | | | 0.2364 | 8.23 | 0.00 | 100.00 |
| 72/08/02 | | | 0.1024 | 53.53 | 0.10 | 93.20 |
| 72/08/15 | | | 0.1370 | 68.82 | 0.17 | 74.56 |
| 72/09/13 | | | 0.3032 | 100.60 | 0.36 | 86.48 |
| 72/09/28 | | | 0.1471 | 218.20 | 0.83 | 54.73 |
| 72/10/12 | | | 0.3205 | 172.40 | 0.14 | 60.95 |
| 72/10/27 | | | 0.1531 | 33.53 | 0.08 | 37.64 |
| 72/11/15 | | | 0.0191 | 31.00 | 0.20 | 13.00 |
| 72/12/19 | | | 0.0957 | 11.00 | 0.13 | 4.00 |
| 73/03/15 | | | 0.0023 | 25.07 | 0.18 | 16.45 |
| 73/04/10 | | | 0.0508 | 34.45 | 0.15 | 17.76 |
| 73/04/25 | | | 0.0971 | 175.50 | 0.21 | 56.68 |
| 73/05/09 | | | 0.4352 | 305.90 | 0.00 | 92.22 |
| 73/05/24 | | | 0.1680 | 54.72 | 0.00 | 29.47 |
| 73/06/07 | | | 0.0880 | 22.38 | 0.03 | 14.60 |
| 73/06/26 | | | 0.0372 | 31.76 | 0.07 | 7.40 |
| 73/07/09 | | | 0.0407 | 142.70 | 0.18 | 80.25 |
| 73/07/24 | | | 0.0582 | 38.82 | 0.05 | 72.97 |
| 73/08/07 | | | 0.0679 | 180.00 | 0.00 | 137.90 |
| 73/08/21 | | | 0.0739 | 18.24 | 0.05 | 69.76 |
| 73/09/05 | | | 0.0677 | 40.04 | 0.13 | 52.80 |
| 73/09/18 | | | 0.0367 | 177.00 | 0.15 | 34.34 |
| 73/10/02 | | | 0.1265 | 206.40 | 0.57 | 20.01 |
| 73/10/16 | | | 0.1508 | 84.17 | 0.16 | 14.22 |
| 73/11/16 | | | 0.0047 | 31.30 | 0.93 | 4.87 |
| 74/03/14 | | | 0.0007 | 76.83 | 0.02 | 9.15 |
| 74/04/01 | | | 0.0002 | 61.40 | 0.31 | 14.31 |

STORET RETRIEVAL DATE 77/03/01

052622 FG17
38 03 48.0 121 47 26.0 2
SACTO RIVER-BOTTOM OF SHERMAN I.
06 CALIFORNIA
SACRAMENTO RIVER 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/16 | | | 0.0000 | 38.64 | 0.42 | 7.02 |
| 74/05/13 | | | 0.1134 | 65.87 | 1.80 | 9.96 |
| 74/05/28 | | | 0.2662 | 461.60 | 2.24 | 38.72 |
| 74/06/18 | | | 0.1248 | 339.50 | 0.09 | 13.88 |
| 74/06/26 | | | 0.0752 | 334.70 | 0.00 | 10.98 |
| 74/07/10 | | | 0.2680 | 137.60 | 0.00 | 48.24 |
| 74/07/24 | | | 0.0387 | 42.47 | 0.07 | 9.02 |
| 74/08/08 | | | 0.0335 | 24.59 | 0.21 | 5.64 |
| 74/08/23 | | | 0.0773 | 52.77 | 0.62 | 14.95 |
| 74/09/10 | | | 0.0016 | 28.19 | 1.37 | 3.35 |
| 74/09/23 | | | 0.0361 | 76.04 | 0.78 | 3.17 |
| 74/10/07 | | | 0.0137 | 71.63 | 1.30 | 5.04 |
| 74/10/22 | | | 0.0302 | 47.99 | 0.72 | 4.42 |
| 74/11/19 | | | 0.0075 | 8.75 | 0.04 | 2.36 |

STORET RETRIEVAL DATE 77/03/01

052623 FG18
38 06 45.0 121 42 33.0 2
SACTO RIVER-TOP HORSESHOE BEND
06 CALIFORNIA
SACRAMENTO RIVER 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 42 33 LATITUDE - 38 06 45

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SACRAMENTO RIVER AT TOP OF HORSESHOE BEND.

SAMPLING TRANSECT - LOCATED IN CHANNEL OPPOSITE NORTHEAST END OF DECKER ISLAND AND OPPOSITE THREE MILE SLOUGH BRIDGE.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/01

052623 FG18
38 06 45.0 121 42 33.0 2
SACTO RIVER-TOP HORSESHOE BEND
06 CALIFORNIA
SACRAMENTO RIVER 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/08 | | | 0.0029 | | | |
| 69/02/05 | | | 0.0000 | | | |
| 69/03/08 | | | 0.0000 | | | |
| 69/05/25 | | | 0.0005 | | | |
| 69/06/23 | | | 0.0330 | | | |
| 69/07/23 | | | 0.1812 | | | |
| 69/08/19 | | | 0.0762 | | | |
| 69/09/17 | | | 0.0660 | | | |
| 69/10/20 | | | 0.0026 | | | |
| 69/11/16 | | | 0.0016 | | | |
| 69/12/19 | | | 0.0015 | | | |
| 70/01/14 | | | 0.0003 | | | |
| 70/02/13 | | | 0.0000 | | | |
| 70/03/16 | | | 0.0000 | | | |
| 70/04/14 | | | 0.0024 | | | |
| 70/05/14 | | | 0.0160 | | | |
| 70/06/11 | | | 0.0494 | | | |
| 70/07/10 | | | 0.0887 | | | |
| 70/08/24 | | | 0.0378 | | | |
| 70/09/22 | | | 0.0007 | | | |
| 70/10/23 | | | 0.0071 | | | |
| 70/11/18 | | | 0.0020 | | | |
| 70/12/20 | | | 0.0002 | | | |
| 71/01/19 | | | 0.0000 | | | |
| 71/02/18 | | | 0.0000 | | | |
| 71/03/05 | | | 0.0000 | | | |
| 71/04/08 | | | 0.0003 | 1.68L | 0.47L | 1.80L |
| 71/05/04 | | | 0.0279 | 9.00L | 1.57L | 5.51L |
| 71/06/03 | | | 0.0000 | 0.53L | 0.65L | 2.14L |
| 71/07/01 | | | 0.0188 | 0.10L | 1.35L | 0.30L |
| 71/07/30 | | | 0.0688 | 0.00 | 2.00 | 0.30 |
| 71/09/01 | | | 0.0059 | 2.23L | 0.33L | 1.03L |
| 71/10/18 | | | 0.0624 | 2.23L | 1.47L | 0.85L |
| 71/11/09 | | | 0.0188 | 0.03L | 0.07L | 0.11L |
| 71/12/09 | | | 0.0000 | 0.14L | 0.50L | 1.51L |
| 72/01/11 | | | 0.0004 | 9.64 | 0.24 | 4.74 |

STORET RETRIEVAL DATE 77/03/01

052623 FG18
38 06 45.0 121 42 33.0 2
SACTO RIVER-TOP HORSESHOE BEND
06 CALIFORNIA
SACRAMENTO RIVER 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/09 | | | 0.0081 | 43.19 | 0.26 | 3.97 |
| 72/03/10 | | | 0.0000 | 14.23 | 0.25 | 5.23 |
| 72/04/07 | | | 0.0024 | 72.00 | 0.08 | 4.00 |
| 72/04/20 | | | 0.0601 | 54.40 | 0.07 | 3.13 |
| 72/05/05 | | | 0.1073 | 238.90 | 0.07 | 15.32 |
| 72/05/19 | | | 0.2324 | 644.10 | 79.15 | 42.53 |
| 72/06/06 | | | 0.0271 | 83.21 | 14.48 | 45.17 |
| 72/06/22 | | | 0.1109 | 214.00 | 0.97 | 30.00 |
| 72/07/05 | | | 0.1157 | 107.20 | 0.79 | 33.59 |
| 72/07/18 | | | 0.0114 | 167.50 | 1.34 | 19.08 |
| 72/08/02 | | | 0.1811 | 242.10 | 2.03 | 15.58 |
| 72/08/15 | | | 0.1758 | 583.00 | 4.07 | 20.00 |
| 72/09/13 | | | 0.0874 | 64.12L | 0.10 | 12.00 |
| 72/09/28 | | | 0.1457 | 70.05 | 0.16 | 10.13 |
| 72/10/12 | | | 0.1018 | 111.90 | 0.20 | 3.30 |
| 72/10/27 | | | 0.1141 | 17.06L | 0.20 | 7.00 |
| 72/11/15 | | | 0.0075 | 27.00 | 0.56 | 6.00 |
| 72/12/22 | | | 0.0017 | 19.00 | 0.78 | 3.00 |
| 73/03/15 | | | 0.0000 | 11.40 | 0.08 | 10.07 |
| 73/04/10 | | | 0.0102 | 36.94 | 0.39 | 7.97 |
| 73/04/25 | | | 0.0129 | 84.22 | 1.71 | 24.35 |
| 73/05/09 | | | 0.0095 | 219.40 | 0.02 | 17.06 |
| 73/05/24 | | | 0.0092 | 113.30 | 1.37 | 17.17 |
| 73/06/07 | | | 0.0072 | 58.46 | 0.36 | 11.79 |
| 73/06/26 | | | 0.1199 | 60.89 | 0.91 | 10.95 |
| 73/07/09 | | | 0.0926 | 32.98 | 0.61 | 8.79 |
| 73/07/24 | | | 0.0000 | 40.90 | 0.36 | 27.31 |
| 73/08/07 | | | 0.1480 | 35.90 | 0.02 | 12.93 |
| 73/08/21 | | | 0.1518 | 55.33 | 0.24 | 7.49 |
| 73/09/05 | | | 0.1057 | 55.93 | 0.13 | 6.64 |
| 73/09/18 | | | 0.0780 | 69.21 | 0.10 | 5.41 |
| 73/10/02 | | | 0.0130 | 76.18 | 1.39 | 2.07 |
| 73/10/16 | | | 0.0671 | 43.33 | 0.34 | 2.85 |
| 73/11/16 | | | 0.0000 | 53.78 | 0.52 | 6.66 |
| 74/03/14 | | | 0.0000 | 79.34 | 0.20 | 16.29 |
| 74/04/01 | | | 0.0003 | 78.19 | 0.76 | 21.07 |

STORET RETRIEVAL DATE 77/03/01

052623 FG18
38 06 45.0 121 42 33.0 2
SACTO RIVER-TOP HORSESHOE BEND
06 CALIFORNIA
SACRAMENTO RIVER 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/16 | | | 0.0000 | 66.38 | 0.49 | 11.73 |
| 74/05/13 | | | 0.0179 | 57.18 | 0.39 | 10.70 |
| 74/05/28 | | | 0.2038 | 184.80 | 1.64 | 17.49 |
| 74/06/18 | | | 0.0123 | 34.12 | 0.03 | 3.74 |
| 74/06/26 | | | 0.0611 | 112.60 | 0.03 | 5.46 |
| 74/07/10 | | | 0.1832 | 85.43 | 0.56 | 3.41 |
| 74/07/24 | | | 0.0760 | 138.60 | 0.16 | 2.75 |
| 74/08/08 | | | 0.1044 | 59.28 | 0.17 | 4.35 |
| 74/08/23 | | | 0.0563 | 27.20 | 0.33 | 4.36 |
| 74/09/10 | | | 0.0005 | 24.25 | 0.81 | 9.22 |
| 74/09/23 | | | 0.0299 | 23.37 | 0.09 | 6.34 |
| 74/10/07 | | | 0.0350 | 25.62 | 0.30 | 2.04 |
| 74/10/22 | | | 0.0164 | 16.73 | 0.52 | 2.02 |
| 74/11/19 | | | 0.0003 | 7.69 | 0.14 | 1.90 |

STORET RETRIEVAL DATE 77/03/01

052624 FG19
38 02 07.0 121 50 10.0 2
SAN JOAQUIN R.-N. OF PT. BEENAR
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0024 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 50 10 LATITUDE - 38 02 07

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SAN JOAQUIN RIVER NORTH OF POINT BEENAR.

SAMPLING TRANSECT - LOCATED ON WEST SIDE OF BROAD SLOUGH OPPOSITE POINT BEENAR.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/01

052624 FG19
38 02 07.0 121 50 10.0 2
SAN JOAQUIN R.-N. OF PT. BEENAR
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0024 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0370 | | | |
| 69/02/06 | | | 0.0003 | | | |
| 69/03/09 | | | 0.0002 | | | |
| 69/05/25 | | | 0.0027 | | | |
| 69/06/24 | | | 0.1229 | | | |
| 69/07/24 | | | 0.1659 | | | |
| 69/08/19 | | | 0.0942 | | | |
| 69/09/17 | | | 0.0410 | | | |
| 69/10/20 | | | 0.0522 | | | |
| 69/11/16 | | | 0.0614 | | | |
| 69/12/19 | | | 0.0011 | | | |
| 70/01/14 | | | 0.0012 | | | |
| 70/02/13 | | | 0.0012 | | | |
| 70/03/16 | | | 0.0015 | | | |
| 70/04/14 | | | 0.0306 | | | |
| 70/05/14 | | | 0.0465 | | | |
| 70/06/11 | | | 0.0524 | | | |
| 70/07/10 | | | 0.3096 | | | |
| 70/08/24 | | | 0.0659 | | | |
| 70/09/22 | | | 0.1157 | | | |
| 70/10/23 | | | 0.0541 | | | |
| 70/11/18 | | | 0.0323 | | | |
| 70/12/20 | | | 0.0113 | | | |
| 71/01/19 | | | 0.0078 | | | |
| 71/02/18 | | | 0.0024 | | | |
| 71/03/05 | | | 0.0004 | | | |
| 71/04/08 | | | 0.0482 | | | |
| 71/05/04 | | | 0.0298 | 0.85L | 0.18L | 5.02L |
| 71/06/03 | | | 0.0896 | 0.09L | 0.23L | 1.46L |
| 71/07/01 | | | 0.1302 | 0.30L | 4.31L | 16.00L |
| 71/07/30 | | | 0.1082 | 0.03L | 0.80L | 5.64L |
| 71/09/01 | | | 0.0910 | 0.07L | 0.04L | 1.82L |
| 71/10/18 | | | 0.2105 | 0.08L | 1.23L | 6.92L |
| 71/11/09 | | | 0.1139 | 0.09L | 0.71L | 4.85L |
| 71/12/09 | | | 0.0419 | 0.05L | 0.38L | 1.87L |
| 72/01/11 | | | 0.0147 | 12.04 | 0.06 | 13.10 |

STORET RETRIEVAL DATE 77/03/01

052624 FG19
38 02 07.0 121 50 10.0 2
SAN JOAQUIN R.-N. OF PT. BEENAR
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

113BUREC 04001004
0024 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/14 | | | 0.0083 | 16.58 | 0.04 | 11.08 |
| 72/03/10 | | | 0.0101 | 14.75 | 0.10 | 5.70 |
| 72/04/07 | | | 0.0856 | 299.50 | 0.00 | 46.79 |
| 72/04/20 | | | 0.0075 | 650.30 | 0.03 | 34.42 |
| 72/05/05 | | | 0.0118 | 5.00 | 0.00 | 108.00 |
| 72/05/19 | | | 0.0069 | 4.90 | 0.00 | 197.40 |
| 72/06/06 | | | 0.4048 | 7.71 | 0.13 | 55.73 |
| 72/06/22 | | | 0.0718 | 4.00 | 0.59 | 91.00 |
| 72/07/05 | | | 0.2441 | 12.94 | 0.00 | 128.30 |
| 72/07/18 | | | 0.0953 | 64.71 | 0.00 | 125.90 |
| 72/08/02 | | | 0.0262 | 21.76 | 0.10 | 100.30 |
| 72/08/15 | | | 0.1240 | 61.18 | 0.00 | 125.70 |
| 72/09/13 | | | 0.1102 | 97.06 | 1.21 | 108.60 |
| 72/09/28 | | | 0.0640 | 266.50 | 0.82 | 120.10 |
| 72/10/12 | | | 0.0469 | 99.41 | 0.31 | 83.97 |
| 72/10/27 | | | 0.0444 | 37.06 | 0.00 | 51.85 |
| 72/11/15 | | | 0.0079 | 18.00 | 0.10 | 28.00 |
| 72/12/19 | | | 0.0222 | 6.00 | 0.07 | 14.00 |
| 73/03/15 | | | 0.0004 | 22.81 | 0.77 | 15.32 |
| 73/04/10 | | | 0.0480 | 30.24 | 0.07 | 27.75 |
| 73/04/25 | | | 0.0433 | 185.40 | 0.06 | 57.35 |
| 73/05/09 | | | 0.1661 | 267.60 | 0.11 | 155.90 |
| 73/05/24 | | | 0.2165 | 72.39 | 0.00 | 47.38 |
| 73/06/07 | | | 0.0346 | 41.18 | 0.62 | 43.91 |
| 73/06/26 | | | 0.0334 | 55.32 | 0.14 | 13.17 |
| 73/07/09 | | | 0.0150 | 49.70 | 0.09 | 37.92 |
| 73/07/24 | | | 0.0314 | 27.34 | 0.09 | 53.11 |
| 73/08/07 | | | 0.2040 | 169.50 | 0.11 | 106.70 |
| 73/08/21 | | | 0.0301 | 18.33 | 0.18 | 98.72 |
| 73/09/05 | | | 0.0550 | 38.82 | 0.05 | 89.04 |
| 73/09/18 | | | 0.0501 | 144.10 | 0.37 | 59.22 |
| 73/10/02 | | | 0.0788 | 294.50 | 0.01 | 23.89 |
| 73/10/16 | | | 0.0486 | 168.30 | 0.06 | 49.32 |
| 73/11/16 | | | 0.0265 | 44.43 | 0.62 | 9.10 |
| 74/03/18 | | | 0.0041 | 55.87 | 0.08 | 11.45 |
| 74/04/03 | | | 0.0006 | 69.38 | 0.61 | 14.15 |

STORET RETRIEVAL DATE 77/03/01

052624 FG19
38 02 07.0 121 50 10.0 2
SAN JOAQUIN R.-N. OF PT. BEENAR
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140993

/TYPA/AMBNT/STREAM

113BUREC 04001004
0024 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0035 | 93.80 | 0.85 | 13.20 |
| 74/05/17 | | | 0.1807 | 384.20 | 33.76 | 40.94 |
| 74/05/30 | | | 0.4704 | 907.70 | 2.73 | 53.47 |
| 74/06/12 | | | 0.0946 | 1033.00 | 1.76 | 49.10 |
| 74/06/27 | | | 0.1807 | 464.30 | 0.56 | 53.32 |
| 74/07/12 | | | 0.2664 | 96.84 | 0.00 | 38.10 |
| 74/07/26 | | | 0.0351 | 118.60 | 2.12 | 31.42 |
| 74/08/13 | | | 0.0072 | 34.22 | 0.43 | 21.48 |
| 74/08/27 | | | 0.0077 | 137.80 | 3.07 | 39.13 |
| 74/09/16 | | | 0.0321 | 119.10 | 0.43 | 11.18 |
| 74/09/25 | | | 0.0285 | 141.30 | 2.03 | 12.65 |
| 74/10/09 | | | 0.0039 | 64.35 | 0.24 | 10.04 |
| 74/10/24 | | | 0.0049 | 21.62 | 0.37 | 6.97 |
| 74/11/21 | | | 0.0043 | 6.89 | 1.28 | 7.86 |

STORET RETRIEVAL DATE 77/03/01

052625 FG20
38 02 15.0 121 42 09.0 2
SAN JOAQUIN R.- MID JERSEY I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 42 09 LATITUDE - 38 02 15

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SAN JOAQUIN RIVER AT MIDDLE OF JERSEY ISLAND.

SAMPLING TRANSECT - LOCATED IN SAN JOAQUIN RIVER MIDWAY BETWEEN BUOY 19 AND THE SOUTH SHORE.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N. CA.

STORET RETRIEVAL DATE 77/03/01

052625 FG20
38 02 15.0 121 42 09.0 2
SAN JOAQUIN R.- MID JERSEY I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0014 | | | |
| 69/02/06 | | | 0.0019 | | | |
| 69/03/09 | | | 0.0010 | | | |
| 69/05/26 | | | 0.0508 | | | |
| 69/06/25 | | | 0.0514 | | | |
| 69/07/24 | | | 0.0590 | | | |
| 69/08/20 | | | 0.0313 | | | |
| 69/09/18 | | | 0.0111 | | | |
| 69/10/21 | | | 0.0062 | | | |
| 69/11/15 | | | 0.0074 | | | |
| 69/12/19 | | | 0.0165 | | | |
| 70/01/13 | | | 0.0071 | | | |
| 70/02/12 | | | 0.0009 | | | |
| 70/03/15 | | | 0.0169 | | | |
| 70/04/13 | | | 0.0146 | | | |
| 70/05/12 | | | 0.0290 | | | |
| 70/06/10 | | | 0.0203 | | | |
| 70/07/09 | | | 0.0556 | | | |
| 70/08/25 | | | 0.0216 | | | |
| 70/09/23 | | | 0.0044 | | | |
| 70/10/24 | | | 0.0012 | | | |
| 70/11/17 | | | 0.0220 | | | |
| 70/12/19 | | | 0.0096 | | | |
| 71/01/18 | | | 0.0022 | | | |
| 71/02/17 | | | 0.0015 | | | |
| 71/03/04 | | | 0.0030 | | | |
| 71/04/08 | | | 0.0048 | 0.04L | 0.19L | 0.68L |
| 71/05/03 | | | 0.0272 | | | |
| 71/06/02 | | | 0.0383 | 0.18L | 1.96L | 1.42L |
| 71/07/01 | | | 0.0893 | 0.40L | 8.35L | 8.00L |
| 71/07/29 | | | 0.1307 | 2.38L | 6.53L | 4.07L |
| 71/09/01 | | | 0.0154 | 20.00L | 6.96L | 12.00L |
| 71/10/12 | | | 0.0330 | 2.73L | 3.40L | 0.64L |
| 71/11/08 | | | 0.0388 | 0.00L | 6.18L | 2.10L |
| 71/12/08 | | | 0.0000 | 0.00L | 1.25L | 1.40L |
| 72/01/10 | | | 0.0066 | 12.11 | 0.71 | 9.41 |

STORET RETRIEVAL DATE 77/03/01

052625 FG20
38 02 15.0 121 42 09.0 2
SAN JOAQUIN R.- MID JERSEY I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/08 | | | 0.0109 | 18.82L | 0.80 | 8.00 |
| 72/03/09 | | | 0.0085 | 14.22 | 0.13 | 5.86 |
| 72/04/06 | | | 0.0233 | 689.20 | 0.20 | 38.81 |
| 72/04/19 | | | 0.0043 | 998.90 | 1.35 | 18.54 |
| 72/05/03 | | | 0.0402 | 259.40 | 0.60 | 50.85 |
| 72/05/17 | | | 0.0174 | 30.09 | 4.97 | 140.00 |
| 72/06/05 | | | 0.0624 | 88.14 | 8.10 | 30.52 |
| 72/06/19 | | | 0.0060 | 84.17 | 3.77 | 39.19 |
| 72/07/04 | | | 0.0094 | 111.80 | 1.49 | 53.35 |
| 72/07/17 | | | 0.0033 | 117.90 | 1.42 | 36.81 |
| 72/08/01 | | | 0.0033 | 273.90 | 3.81 | 29.30 |
| 72/08/14 | | | 0.1707 | 961.60 | 3.49 | 49.64 |
| 72/09/12 | | | 0.0251 | 373.60 | 5.36 | 64.24 |
| 72/09/27 | | | 0.0951 | 632.00 | 2.26 | 65.39 |
| 72/10/11 | | | 0.0728 | 282.80 | 1.28 | 30.67 |
| 72/10/26 | | | 0.0429 | 52.94L | 0.00L | 19.41L |
| 72/11/13 | | | 0.0278 | 20.00 | 0.03 | 14.00 |
| 72/12/14 | | | 0.0114 | 7.68 | 0.12 | 3.87 |
| 73/03/13 | | | 0.0004 | 23.08 | 1.12 | 14.57 |
| 73/04/09 | | | 0.0131 | 24.75 | 3.12 | 15.84 |
| 73/04/24 | | | 0.0026 | 162.60 | 7.77 | 37.52 |
| 73/05/08 | | | 0.0070 | 510.20 | 9.18 | 46.64 |
| 73/05/23 | | | 0.0365 | 67.66 | 1.25 | 20.75 |
| 73/06/06 | | | 0.0333 | 80.02 | 0.11 | 13.25 |
| 73/06/25 | | | 0.0185 | 322.70 | 2.07 | 20.49 |
| 73/07/06 | | | 0.0039 | 207.40 | 1.69 | 30.79 |
| 73/07/23 | | | 0.0182 | 208.90 | 3.22 | 28.01 |
| 73/08/06 | | | 0.0194 | 119.30 | 1.91 | 46.65 |
| 73/08/20 | | | 0.0138 | 147.40 | 1.86 | 25.39 |
| 73/09/04 | | | 0.0430 | 211.10 | 0.30 | 5.00 |
| 73/09/17 | | | 0.0182 | 222.70 | 2.64 | 12.76 |
| 73/10/01 | | | 0.0061 | 317.30 | 8.64 | 10.17 |
| 73/10/15 | | | 0.0021 | 249.80 | 4.31 | 19.18 |
| 73/11/15 | | | 0.0100J | 62.79 | 6.81 | 4.19 |
| 74/03/13 | | | 0.0039 | 28.43 | 0.34 | 4.84 |
| 74/03/29 | | | 0.0209 | 76.77 | 0.25 | 10.09 |

STORET RETRIEVAL DATE 77/03/01

052625 FG20
38 02 15.0 121 42 09.0 2
SAN JOAQUIN R.- MID JERSEY I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/15 | | | 0.0031 | 84.98 | 1.86 | 11.34 |
| 74/05/10 | | | 0.0250 | 303.80 | 40.64 | 21.71 |
| 74/05/27 | | | 0.0339 | 535.30 | 41.92 | 21.23 |
| 74/06/10 | | | 0.1283 | 498.90 | 1.92 | 32.08 |
| 74/06/24 | | | 0.0134 | 996.90 | 10.18 | 14.55 |
| 74/07/09 | | | 0.1465 | 521.90 | 0.20 | 54.54 |
| 74/07/23 | | | 0.0875 | 236.30 | 0.65 | 30.76 |
| 74/08/07 | | | 0.0321 | 188.00 | 8.95 | 22.60 |
| 74/08/22 | | | 0.0144 | 288.90 | 1.95 | 19.79 |
| 74/09/06 | | | 0.0083 | 295.50 | 12.48 | 11.99 |
| 74/09/20 | | | 0.0095 | 188.00 | 10.08 | 17.56 |
| 74/10/04 | | | 0.0087 | 117.60 | 7.90 | 20.68 |
| 74/10/21 | | | 0.0039 | 69.35 | 14.09 | 3.52 |
| 74/11/18 | | | 0.0070 | 15.22 | 7.37 | 7.75 |

STORET RETRIEVAL DATE 77/03/01

052626 FG21
38 04 24.0 121 40 36.0 2
SAN JOAQUIN R.-W. OF BRADFORD I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 40 36 LATITUDE - 38 04 24

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SAN JOAQUIN RIVER WEST OF BRADFORD ISLAND.

SAMPLING TRANSECT - LOCATED IN CHANNEL AND THREE HUNDRED YARDS UPSTREAM FROM LIGHT 26.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/01

052626 FG21
38 04 24.0 121 40 36.0 2
SAN JOAQUIN R.-W. OF BRADFORD I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0070 | | | |
| 69/02/06 | | | 0.0004 | | | |
| 69/03/09 | | | 0.0003 | | | |
| 69/05/26 | | | 0.0408 | | | |
| 69/06/25 | | | 0.1325 | | | |
| 69/07/24 | | | 0.0720 | | | |
| 69/08/20 | | | 0.0577 | | | |
| 69/09/18 | | | 0.0025 | | | |
| 69/10/21 | | | 0.0357 | | | |
| 69/11/15 | | | 0.0047 | | | |
| 69/12/19 | | | 0.0123 | | | |
| 70/01/13 | | | 0.0026 | | | |
| 70/02/12 | | | 0.0007 | | | |
| 70/03/15 | | | 0.0009 | | | |
| 70/04/13 | | | 0.0203 | | | |
| 70/05/12 | | | 0.0445 | | | |
| 70/06/10 | | | 0.0358 | | | |
| 70/07/09 | | | 0.1509 | | | |
| 70/08/25 | | | 0.0237 | | | |
| 70/09/23 | | | 0.0191 | | | |
| 70/10/24 | | | 0.0160 | | | |
| 70/11/17 | | | 0.0177 | | | |
| 70/12/19 | | | 0.0066 | | | |
| 71/01/18 | | | 0.0023 | | | |
| 71/02/17 | | | 0.0015 | | | |
| 71/03/04 | | | 0.0009 | | | |
| 71/04/08 | | | 0.0100 | 0.09L | 0.16L | 0.57L |
| 71/05/03 | | | 0.0145 | | | |
| 71/06/02 | | | 0.0723 | 0.25L | 1.46L | 1.47L |
| 71/07/01 | | | 0.0258 | 0.10L | 5.87L | 3.00L |
| 71/07/29 | | | 0.0556 | 3.85L | 12.27L | 5.58L |
| 71/09/01 | | | 0.0115 | 19.00L | 3.26L | 4.00L |
| 71/10/12 | | | 0.0018 | 15.37L | 20.62L | 1.57L |
| 71/11/08 | | | 0.0138 | 0.15L | 8.15L | 3.48L |
| 71/12/08 | | | 0.0099 | 0.09L | 2.21L | 2.59L |
| 72/01/10 | | | 0.0045 | 16.61 | 0.19 | 9.00 |

STORET RETRIEVAL DATE 77/03/01

052626 FG21
38 04 24.0 121 40 36.0 2
SAN JOAQUIN R.-W. OF BRADFORD I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/09 | | | 0.0034 | 20.00 | 0.70 | 7.00 |
| 72/03/09 | | | 0.0031 | 26.56 | 0.28 | 4.91 |
| 72/04/06 | | | 0.0315 | 683.60 | 1.08 | 31.80 |
| 72/04/19 | | | 0.0164 | 613.70 | 0.82 | 15.89 |
| 72/05/03 | | | 0.0016 | 328.10 | 0.35 | 65.16 |
| 72/05/17 | | | 0.0209 | 988.60 | 6.97 | 62.13 |
| 72/06/05 | | | 0.0041 | 73.00 | 13.13 | 6.24 |
| 72/06/19 | | | 0.0166 | 73.04 | 2.17 | 60.07 |
| 72/07/04 | | | 0.0186 | 84.71 | 2.12 | 61.03 |
| 72/07/17 | | | 0.0208 | 91.81 | 1.50 | 34.13 |
| 72/08/01 | | | 0.0464 | 361.00 | 2.10 | 41.30 |
| 72/08/14 | | | 0.0393 | 941.20 | 2.78 | 47.43 |
| 72/09/12 | | | 0.0568 | 268.30 | 1.63 | 55.14 |
| 72/09/27 | | | 0.1003 | 573.20 | 0.91 | 47.11 |
| 72/10/11 | | | 0.0506 | 240.20 | 0.58 | 29.94 |
| 72/10/26 | | | 0.0538 | 60.02 | 0.25 | 23.80 |
| 72/11/14 | | | 0.0106 | 14.00 | 0.17 | 15.00 |
| 72/12/14 | | | 0.0064 | 7.07 | 1.36 | 12.43 |
| 73/03/13 | | | 0.0009 | 15.66 | 0.65 | 8.55 |
| 73/04/09 | | | 0.0116 | 26.81 | 1.12 | 15.53 |
| 73/04/24 | | | 0.0181 | 170.00 | 3.40 | 47.00 |
| 73/05/08 | | | 0.0530 | 564.70 | 3.30 | 52.98 |
| 73/05/23 | | | 0.0148 | 90.00 | 0.79 | 18.65 |
| 73/06/06 | | | 0.0250 | 34.71L | 0.11 | 13.00 |
| 73/06/25 | | | 0.0166 | 256.50 | 0.59 | 10.85 |
| 73/07/06 | | | 0.0005 | 274.60 | 2.59 | 40.84 |
| 73/07/23 | | | 0.0130 | 161.20 | 3.69 | 61.39 |
| 73/08/06 | | | 0.0290 | 154.40 | 4.47 | 39.68 |
| 73/08/20 | | | 0.0376 | 180.90 | 0.67 | 31.27 |
| 73/09/04 | | | 0.0116 | 171.00 | 0.47 | 4.00 |
| 73/09/17 | | | 0.0094 | 275.50 | 6.33 | 16.17 |
| 73/10/01 | | | 0.0046 | 262.10 | 9.28 | 7.18 |
| 73/10/15 | | | 0.0128 | 200.80 | 7.30 | 14.45 |
| 73/11/15 | | | 0.0051 | 45.32 | 7.41 | 3.60 |
| 74/03/13 | | | 0.0020 | 41.29 | 0.23 | 6.58 |
| 74/03/29 | | | 0.0022 | 52.92 | 0.29 | 9.42 |

STORET RETRIEVAL DATE 77/03/01

052626 FG21
38 04 24.0 121 40 36.0 2
SAN JOAQUIN R.-W. OF BRADFORD I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0031 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/15 | | | 0.0001 | 98.14 | 1.13 | 13.70 |
| 74/05/10 | | | 0.0239 | 231.80 | 28.84 | 22.20 |
| 74/05/27 | | | 0.0142 | 400.60 | 16.29 | 25.91 |
| 74/06/10 | | | 0.0962 | 350.50 | 0.61 | 25.72 |
| 74/06/24 | | | 0.0373 | 632.10 | 6.95 | 19.33 |
| 74/07/09 | | | 0.1450 | 908.10 | 0.65 | 37.35 |
| 74/07/23 | | | 0.0402 | 271.00 | 1.56 | 25.32 |
| 74/08/07 | | | 0.0113 | 175.70 | 6.34 | 16.35 |
| 74/08/22 | | | 0.0039 | 217.10 | 3.50 | 25.70 |
| 74/09/06 | | | 0.0042 | 294.10 | 11.48 | 9.73 |
| 74/09/20 | | | 0.0019 | 134.40 | 8.19 | 9.64 |
| 74/10/04 | | | 0.0095 | 233.30 | 5.88 | 9.73 |
| 74/10/21 | | | 0.0073 | 57.51 | 3.79 | 2.80 |
| 74/11/18 | | | 0.0041 | 6.60 | 5.97 | 3.20 |

STORET RETRIEVAL DATE 77/03/01

052627 FG22
38 05 17.0 121 38 39.0 2
SAN JOAQUIN R.-FISHERMANS CUT
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 38 39 LATITUDE - 38 05 17

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SAN JOAQUIN RIVER AT FISHERMANS CUT.

SAMPLING TRANSECT - LOCATED TWO HUNDRED YARDS UPSTREAM FROM LIGHT 34 AND NORTH OF FISHERMANS CUT.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N. CA.

STORET RETRIEVAL DATE 77/03/01

052627 FG22
38 05 17.0 121 38 39.0 2
SAN JOAQUIN R.-FISHERMANS CUT
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD- OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0099 | | | |
| 69/02/06 | | | 0.0007 | | | |
| 69/03/09 | | | 0.0001 | | | |
| 69/05/26 | | | 0.0149 | | | |
| 69/06/25 | | | 0.0622 | | | |
| 69/07/24 | | | 0.0592 | | | |
| 69/08/20 | | | 0.0249 | | | |
| 69/09/18 | | | 0.0062 | | | |
| 69/10/21 | | | 0.0057 | | | |
| 69/11/15 | | | 0.0223 | | | |
| 69/12/19 | | | 0.0036 | | | |
| 70/01/13 | | | 0.0029 | | | |
| 70/02/12 | | | 0.0011 | | | |
| 70/03/15 | | | 0.0024 | | | |
| 70/04/13 | | | 0.0021 | | | |
| 70/05/12 | | | 0.0210 | | | |
| 70/06/10 | | | 0.0486 | | | |
| 70/07/09 | | | 0.0941 | | | |
| 70/08/25 | | | 0.0145 | | | |
| 70/09/23 | | | 0.0204 | | | |
| 70/10/24 | | | 0.0138 | | | |
| 70/11/17 | | | 0.0035 | | | |
| 70/12/19 | | | 0.0011 | | | |
| 71/01/18 | | | 0.0009 | | | |
| 71/02/17 | | | 0.0082 | | | |
| 71/03/04 | | | 0.0106 | | | |
| 71/04/09 | | | 0.0043 | 0.12L | 0.09L | 0.99L |
| 71/05/03 | | | 0.0039 | | | |
| 71/06/02 | | | 0.0009 | 0.98L | 10.11L | 4.11L |
| 71/07/01 | | | 0.0274 | 0.03L | 3.62L | 1.00L |
| 71/07/29 | | | 0.1020 | 0.32L | 5.16L | 3.58L |
| 71/09/01 | | | 0.0020 | 19.00L | 3.31L | 4.00L |
| 71/10/12 | | | 0.0074 | 17.00L | 22.56L | 5.00L |
| 71/11/08 | | | 0.0049 | 0.34L | 15.75L | 2.65L |
| 71/12/08 | | | 0.0053 | 0.12L | 2.52L | 1.66L |
| 72/01/10 | | | 0.0069 | 22.18 | 1.05 | 9.50 |

STORET RETRIEVAL DATE 77/03/01

052627 FG22
38 05 17.0 121 38 39.0 2
SAN JOAQUIN R.-FISHERMANS CUT
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/08 | | | 0.0026 | 21.26 | 0.12 | 8.56 |
| 72/03/09 | | | 0.0018 | 33.68 | 0.25 | 9.48 |
| 72/04/06 | | | 0.0230 | 324.50 | 0.67 | 29.68 |
| 72/04/19 | | | 0.0056 | 476.50 | 0.80 | 13.00 |
| 72/05/03 | | | 0.0060 | 527.70 | 2.52 | 26.71 |
| 72/05/17 | | | 0.0186 | 1424.00 | 21.90 | 51.47 |
| 72/06/05 | | | 0.0047 | 91.94 | 20.47 | 36.95 |
| 72/06/19 | | | 0.0000 | 88.90 | 5.21 | 45.35 |
| 72/07/04 | | | 0.0095 | 490.10 | 53.34 | 149.00 |
| 72/07/17 | | | 0.0055 | 97.06 | 18.25 | 70.62 |
| 72/08/01 | | | 0.0003 | 218.60 | 2.43 | 30.02 |
| 72/08/14 | | | 0.0201 | 892.80 | 3.44 | 45.56 |
| 72/09/12 | | | 0.0458 | 213.10 | 2.30 | 28.29 |
| 72/09/27 | | | 0.0477 | 371.20 | 2.01 | 45.93 |
| 72/10/11 | | | 0.0751 | 185.90 | 1.15 | 17.84 |
| 72/10/26 | | | 0.0200 | 42.94 | 0.46 | 16.82 |
| 72/11/14 | | | 0.0177 | 22.00L | 0.40 | 16.00 |
| 72/12/14 | | | 0.0144 | 8.26 | 0.03 | 2.88 |
| 73/03/13 | | | 0.0006 | 25.18 | 0.85 | 16.72 |
| 73/04/09 | | | 0.0020 | 17.08 | 0.64 | 11.33 |
| 73/04/24 | | | 0.0055 | 83.21 | 3.93 | 34.72 |
| 73/05/08 | | | 0.0471 | 384.80 | 6.70 | 37.88 |
| 73/05/23 | | | 0.0185 | 61.82 | 1.19 | 19.20 |
| 73/06/06 | | | 0.0125 | 51.87 | 0.15 | 10.05 |
| 73/06/25 | | | 0.0159 | 157.10 | 1.14 | 12.85 |
| 73/07/06 | | | 0.0121 | 284.60 | 2.98 | 18.93 |
| 73/07/23 | | | 0.0044 | 134.40 | 2.99 | 37.18 |
| 73/08/06 | | | 0.0080 | 118.70 | 3.79 | 28.99 |
| 73/08/20 | | | 0.0137 | 215.00 | 5.66 | 26.79 |
| 73/09/04 | | | 0.0004 | 267.80 | 2.69 | 3.00 |
| 73/09/17 | | | 0.0010 | 251.70 | 8.02 | 10.36 |
| 73/10/01 | | | 0.0041 | 225.70 | 8.90 | 6.16 |
| 73/10/15 | | | 0.0042 | 159.90 | 4.85 | 6.34 |
| 73/11/15 | | | 0.0003 | 48.41 | 7.47 | 6.92 |
| 74/03/13 | | | 0.0008 | 54.30 | 0.30 | 8.59 |
| 74/03/29 | | | 0.0017 | 40.47 | 0.23 | 8.75 |

STORET RETRIEVAL DATE 77/03/01

052627 FG22
38 05 17.0 121 38 39.0 2
SAN JOAQUIN R.-FISHERMANS CUT
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/15 | | | 0.0004 | 116.40 | 2.79 | 24.35 |
| 74/05/10 | | | 0.0373 | 158.30 | 12.15 | 22.08 |
| 74/05/27 | | | 0.0477 | 307.70 | 15.90 | 15.22 |
| 74/06/10 | | | 0.0766 | 206.30 | 1.00 | 20.68 |
| 74/06/24 | | | 0.0373 | 450.50 | 1.81 | 9.06 |
| 74/07/09 | | | 0.0198 | 1154.00 | 1.52 | 45.72 |
| 74/07/23 | | | 0.0079 | 237.90 | 1.13 | 10.90 |
| 74/08/07 | | | 0.0119 | 168.10 | 6.06 | 14.51 |
| 74/08/22 | | | 0.0099 | 225.30 | 3.11 | 17.17 |
| 74/09/06 | | | 0.0029 | 187.70 | 14.72 | 8.09 |
| 74/09/20 | | | 0.0022 | 77.98 | 9.04 | 9.86 |
| 74/10/04 | | | 0.0041 | 171.00 | 6.74 | 7.02 |
| 74/10/21 | | | 0.0057 | 38.88 | 11.42 | 4.20 |
| 74/11/18 | | | 0.0001 | 6.60 | 5.43 | 2.97 |

STORET RETRIEVAL DATE 77/03/01

052628 FG23
38 06 06.0 121 35 54.0 2
SAN JOAQUIN R.-BY WEBB REACH
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0038 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 35 54 LATITUDE - 38 06 06

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SAN JOAQUIN RIVER AT WEBB REACH.

SAMPLING TRANSECT - LOCATED IN CHANNEL NORTH OF WEBB REACH AND TWO HUNDR
ED YARDS DOWNSTREAM FROM LIGHT 36.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N, CA.

STORET RETRIEVAL DATE 77/03/01

052628 FG23
38 06 06.0 121 35 54.0 2
SAN JOAQUIN R.-BY WEBB REACH
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0038 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0019 | | | |
| 69/02/06 | | | 0.0003 | | | |
| 69/03/09 | | | 0.0001 | | | |
| 69/05/26 | | | 0.0447 | | | |
| 69/06/25 | | | 0.0352 | | | |
| 69/07/24 | | | 0.0043 | | | |
| 69/08/20 | | | 0.0485 | | | |
| 69/09/18 | | | 0.0003 | | | |
| 69/10/21 | | | 0.0006 | | | |
| 69/11/15 | | | 0.0000 | | | |
| 69/12/19 | | | 0.0053 | | | |
| 70/01/13 | | | 0.0017 | | | |
| 70/02/12 | | | 0.0006 | | | |
| 70/03/15 | | | 0.0003 | | | |
| 70/04/13 | | | 0.0279 | | | |
| 70/05/12 | | | 0.0120 | | | |
| 70/06/10 | | | 0.0405 | | | |
| 70/07/09 | | | 0.0497 | | | |
| 70/08/25 | | | 0.0158 | | | |
| 70/09/23 | | | 0.0162 | | | |
| 70/10/24 | | | 0.0098 | | | |
| 70/11/17 | | | 0.0374 | | | |
| 70/12/19 | | | 0.0021 | | | |
| 71/01/18 | | | 0.0040 | | | |
| 71/02/17 | | | 0.0006 | | | |
| 71/03/04 | | | 0.0017 | | | |
| 71/04/09 | | | 0.0066 | 0.11L | 0.06L | 0.62L |
| 71/05/03 | | | 0.0103 | | | |
| 71/06/02 | | | 0.0092 | 1.34L | 6.66L | 2.67L |
| 71/07/01 | | | 0.0032 | 2.00L | 7.37L | 4.00L |
| 71/07/29 | | | 0.0736 | 1.03L | 6.54L | 3.77L |
| 71/09/01 | | | 0.0000 | 14.00L | 4.07L | 3.00L |
| 71/10/12 | | | 0.0028 | 7.98L | 18.23L | 2.66L |
| 71/11/08 | | | 0.0197 | 0.22L | 6.46L | 1.97L |
| 71/12/08 | | | 0.0108 | 0.27L | 3.77L | 2.11L |
| 72/01/10 | | | 0.0085 | 22.22 | 0.28 | 7.39 |

STORET RETRIEVAL DATE 77/03/01

052628 FG23
38 06 06.0 121 35 54.0 2
SAN JOAQUIN R.-BY WEBB REACH
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0038 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/08 | | | 0.0040 | 12.56 | 0.17 | 4.50 |
| 72/03/09 | | | 0.0006 | 20.04 | 0.12 | 5.28 |
| 72/04/06 | | | 0.0366 | 194.40 | 0.56 | 15.38 |
| 72/04/19 | | | 0.0100 | 256.10 | 1.17 | 9.77 |
| 72/05/03 | | | 0.1049 | 506.10 | 2.52 | 22.78 |
| 72/05/17 | | | 0.0914 | 1374.00 | 28.53 | 34.55 |
| 72/06/05 | | | 0.0059 | 106.80 | 18.48 | 53.32 |
| 72/06/19 | | | 0.0339 | 79.53 | 3.25 | 22.54 |
| 72/07/04 | | | 0.0269 | 613.90 | 44.27 | 161.20 |
| 72/07/17 | | | 0.0078 | 54.73 | 16.17 | 167.50 |
| 72/08/01 | | | 0.0640 | 177.40 | 4.57 | 32.89 |
| 72/08/14 | | | 0.0847 | 510.50 | 3.80 | 73.94 |
| 72/09/12 | | | 0.0704 | 155.40 | 2.09 | 30.39 |
| 72/09/27 | | | 0.0358 | 118.90 | 1.28 | 22.16 |
| 72/10/11 | | | 0.0520 | 171.30 | 1.03 | 9.68 |
| 72/10/26 | | | 0.0522 | 30.60 | 0.43 | 11.19 |
| 72/11/14 | | | 0.0187 | 35.00 | 0.43 | 12.00 |
| 72/12/14 | | | 0.0020 | 11.18 | 0.001 | 1.76 |
| 73/03/13 | | | 0.0000 | 20.00 | 1.15 | 19.00 |
| 73/04/09 | | | 0.0198 | 18.72 | 0.90 | 12.63 |
| 73/04/24 | | | 0.0097 | 104.40 | 10.01 | 38.27 |
| 73/05/08 | | | 0.0000 | 113.50L | 1.00 | 37.00 |
| 73/05/23 | | | 0.1368 | 28.25 | 1.38 | 16.86 |
| 73/06/06 | | | 0.0104 | 38.86 | 0.68 | 13.65 |
| 73/06/25 | | | 0.0170 | 149.50 | 1.60 | 10.15 |
| 73/07/06 | | | 0.0117 | 473.80 | 0.82 | 17.55 |
| 73/07/23 | | | 0.0070 | 140.00 | 2.45 | 26.28 |
| 73/08/06 | | | 0.0271 | 198.70 | 4.61 | 17.99 |
| 73/08/20 | | | 0.0287 | 153.20 | 4.25 | 11.67 |
| 73/09/04 | | | 0.0008 | 271.20 | 4.65 | 3.00 |
| 73/09/17 | | | 0.0070 | 236.40 | 5.11 | 7.96 |
| 73/10/01 | | | 0.0005 | 195.10 | 13.14 | 6.55 |
| 73/10/15 | | | 0.0001 | 123.90 | 5.29 | 5.69 |
| 73/11/15 | | | 0.0073 | 38.43 | 4.06 | 4.76 |
| 74/03/13 | | | 0.0034 | 57.58 | 0.29 | 9.27 |
| 74/03/29 | | | 0.0049 | 39.14 | 0.40 | 6.69 |

STORET RETRIEVAL DATE 77/03/01

052628 FG23
38 06 06.0 121 35 54.0 2
SAN JOAQUIN R.-BY WEBB REACH
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

113BUREC 04001004
0038 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/15 | | | 0.0040 | 65.14 | 4.56 | 12.51 |
| 74/05/10 | | | 0.0290 | 92.75 | 10.13 | 17.07 |
| 74/05/27 | | | 0.1466 | 136.80 | 2.85 | 19.23 |
| 74/06/10 | | | 0.1122 | 112.40 | 2.14 | 11.83 |
| 74/06/24 | | | 0.0172 | 283.70 | 1.25 | 8.67 |
| 74/07/09 | | | 0.1912 | 721.00 | 0.36 | 34.51 |
| 74/07/23 | | | 0.0584 | 177.80 | 2.00 | 14.64 |
| 74/08/07 | | | 0.0252 | 104.10 | 7.32 | 11.58 |
| 74/08/22 | | | 0.0045 | 99.53 | 5.85 | 10.22 |
| 74/09/06 | | | 0.0017 | 132.80 | 7.30 | 3.63 |
| 74/09/20 | | | 0.0010 | 22.99 | 6.76 | 5.39 |
| 74/10/04 | | | 0.0035 | 201.90 | 11.22 | 42.08 |
| 74/10/21 | | | 0.0006 | 27.79 | 10.93 | 3.94 |
| 74/11/18 | | | 0.0032 | 9.87 | 3.60 | 6.14 |

STORET RETRIEVAL DATE 77/03/01

052629 FG24
38 03 12.0 121 30 36.0 2
SAN JOAQUIN R.-OFF BURNS REACH
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 30 36 LATITUDE - 38 03 12

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SAN JOAQUIN RIVER AT BURNS REACH.

SAMPLING TRANSECT - LOCATED IN CHANNEL NORTH OF BURNS REACH AND BETWEEN LIGHTS 5 AND 6.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/01

052629 FG24
38 03 12.0 121 30 36.0 2
SAN JOAQUIN R.-OFF BURNS REACH
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0013 | | | |
| 69/02/06 | | | 0.0001 | | | |
| 69/03/09 | | | 0.0001 | | | |
| 69/05/26 | | | 0.0017 | | | |
| 69/06/25 | | | 0.0028 | | | |
| 69/07/24 | | | 0.0015 | | | |
| 69/08/20 | | | 0.0009 | | | |
| 69/09/18 | | | 0.0001 | | | |
| 69/10/21 | | | 0.0004 | | | |
| 69/11/15 | | | 0.0016 | | | |
| 69/12/19 | | | 0.0032 | | | |
| 70/01/13 | | | 0.0024 | | | |
| 70/02/12 | | | 0.0017 | | | |
| 70/03/15 | | | 0.0006 | | | |
| 70/04/13 | | | 0.0043 | | | |
| 70/05/12 | | | 0.0031 | | | |
| 70/06/10 | | | 0.0049 | | | |
| 70/07/09 | | | 0.0089 | | | |
| 70/08/25 | | | 0.0001 | | | |
| 70/09/23 | | | 0.0005 | | | |
| 70/10/24 | | | 0.0010 | | | |
| 70/11/17 | | | 0.0012 | | | |
| 70/12/19 | | | 0.0013 | | | |
| 71/01/18 | | | 0.0005 | | | |
| 71/02/17 | | | 0.0100 | | | |
| 71/03/04 | | | 0.0007 | | | |
| 71/04/09 | | | 0.0025 | 0.06L | 1.16L | 2.86L |
| 71/05/03 | | | 0.0003 | | | |
| 71/06/02 | | | 0.0242 | 1.79L | 9.92L | 3.10L |
| 71/07/01 | | | 0.0093 | 2.00L | 4.96L | 2.00L |
| 71/07/29 | | | 0.0029 | 7.52L | 6.28L | 3.73L |
| 71/09/01 | | | 0.0000 | 23.00L | 10.56L | 5.00L |
| 71/10/12 | | | 0.0002 | 17.22L | 42.03L | 6.33L |
| 71/11/08 | | | 0.0007 | 0.17L | 14.76L | 1.62L |
| 71/12/08 | | | 0.0007 | 0.15L | 14.27L | 3.57L |
| 72/01/10 | | | 0.0071 | 84.03 | 1.81 | 13.40 |

STORET RETRIEVAL DATE 77/03/01

052629 FG24
38 03 12.0 121 30 36.0 2
SAN JOAQUIN R.-OFF BURNS REACH
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/08 | | | 0.0018 | 45.16 | 0.14 | 13.97 |
| 72/03/09 | | | 0.0001 | 8.93 | 0.22 | 4.53 |
| 72/04/06 | | | 0.0059 | 60.37 | 1.44 | 10.19 |
| 72/04/19 | | | 0.0307 | 137.30 | 6.51 | 11.34 |
| 72/05/03 | | | 0.0365 | 197.80 | 5.00 | 22.04 |
| 72/05/17 | | | 0.0326 | 938.20L | 25.00 | 57.00 |
| 72/06/05 | | | 0.0029 | 262.10 | 19.05 | 54.27 |
| 72/06/19 | | | 0.0007 | 115.30 | 14.03 | 24.63 |
| 72/07/04 | | | 0.0035 | 338.90 | 14.62 | 61.73 |
| 72/07/17 | | | 0.0009 | 141.90 | 10.05 | 41.83 |
| 72/08/01 | | | 0.0025 | 248.50 | 6.32 | 33.45 |
| 72/08/14 | | | 0.0019 | 541.00 | 14.59 | 49.23 |
| 72/09/12 | | | 0.0038 | 200.60 | 7.24 | 15.59 |
| 72/09/27 | | | 0.0009 | 223.30 | 4.20 | 27.39 |
| 72/10/11 | | | 0.0028 | 150.60 | 10.16 | 17.59 |
| 72/10/26 | | | 0.0010 | 40.72 | 3.05 | 9.83 |
| 72/11/14 | | | 0.0046 | 35.00 | 3.63 | 19.00 |
| 72/12/18 | | | 0.0009 | 8.29 | 0.58 | 5.14 |
| 73/03/14 | | | 0.0000 | 54.02 | 1.09 | 14.21 |
| 73/04/09 | | | 0.0028 | 67.22 | 4.66 | 18.90 |
| 73/04/24 | | | 0.0100 | 144.80 | 37.72 | 67.97 |
| 73/05/08 | | | 0.0100 | 32.94L | 37.70 | 88.00 |
| 73/05/23 | | | 0.0029 | 54.59 | 3.36 | 44.97 |
| 73/06/06 | | | 0.0023 | 81.80 | 9.49 | 40.74 |
| 73/06/25 | | | 0.0002 | 91.18 | 0.60 | 9.41 |
| 73/07/06 | | | 0.0011 | 582.10 | 10.11 | 23.09 |
| 73/07/23 | | | 0.0010 | 247.90 | 7.10 | 31.95 |
| 73/08/06 | | | 0.0006 | 373.70 | 19.37 | 33.76 |
| 73/08/20 | | | 0.0008 | 414.60 | 13.96 | 27.48 |
| 73/09/04 | | | 0.0003 | 463.80 | 3.07 | 7.00 |
| 73/09/17 | | | 0.0002 | 440.40 | 8.29 | 16.23 |
| 73/10/01 | | | 0.0001 | 218.40 | 8.97 | 17.97 |
| 73/10/15 | | | 0.0208 | 127.50 | 10.40 | 25.11 |
| 73/11/15 | | | 0.0012 | 31.98 | 4.22 | 10.96 |
| 74/03/13 | | | 0.0011 | 51.46 | 0.49 | 11.25 |
| 74/03/29 | | | 0.0012 | 41.51 | 1.06 | 14.24 |

STORET RETRIEVAL DATE 77/03/01

052629 FG24
38 03 12.0 121 30 36.0 2
SAN JOAQUIN R.-OFF BURNS REACH
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/15 | | | 0.0017 | 145.60 | 10.18 | 23.08 |
| 74/05/10 | | | 0.0066 | 60.67 | 33.65 | 41.18 |
| 74/05/27 | | | 0.0086 | 73.22 | 16.41 | 21.65 |
| 74/06/10 | | | 0.0104 | 64.53 | 11.67 | 38.44 |
| 74/06/24 | | | 0.0061 | 85.25 | 5.12 | 16.14 |
| 74/07/09 | | | 0.0145 | 415.90 | 1.52 | 23.10 |
| 74/07/23 | | | 0.0049 | 0.06L | 1.39L | 2.41L |
| 74/08/07 | | | 0.0013 | 223.30 | 3.82 | 17.43 |
| 74/08/22 | | | 0.0002 | 227.30 | 16.78 | 15.97 |
| 74/09/06 | | | 0.0000 | 265.30 | 15.79 | 13.55 |
| 74/09/20 | | | 0.0001 | 249.20 | 17.43 | 23.54 |
| 74/10/04 | | | 0.0003 | 128.50 | 21.50 | 14.41 |
| 74/10/21 | | | 0.0001 | 84.22 | 16.33 | 12.08 |
| 74/11/18 | | | 0.0001 | 45.62 | 8.04 | 8.88 |

STORET RETRIEVAL DATE 77/03/01

052630 FG25
37 59 50.0 121 26 45.0 2
SAN JOAQUIN R.- ACKER ISLAND
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0015 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 26 45 LATITUDE - 37 59 50

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SAN JOAQUIN RIVER AT ACKER ISLAND.

SAMPLING TRANSECT - LOCATED IN CHANNEL NORTH OF ACKER ISLAND AND BETWEEN LIGHTS 21 AND 22.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/01

052630 FG25
37 59 50.0 121 26 45.0 2
SAN JOAQUIN R.- ACKER ISLAND
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BURFC 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/09 | | | 0.0054 | | | |
| 69/02/06 | | | 0.0000 | | | |
| 69/03/09 | | | 0.0000 | | | |
| 69/05/26 | | | 0.0001 | | | |
| 69/06/25 | | | 0.0002 | | | |
| 69/07/24 | | | 0.0011 | | | |
| 69/08/20 | | | 0.0046 | | | |
| 69/09/18 | | | 0.0009 | | | |
| 69/10/21 | | | 0.0003 | | | |
| 69/11/15 | | | 0.0000 | | | |
| 69/12/19 | | | 0.0039 | | | |
| 70/01/13 | | | 0.0033 | | | |
| 70/02/12 | | | 0.0004 | | | |
| 70/03/15 | | | 0.0002 | | | |
| 70/04/13 | | | 0.0182 | | | |
| 70/05/12 | | | 0.0218 | | | |
| 70/06/10 | | | 0.0214 | | | |
| 70/07/09 | | | 0.0221 | | | |
| 70/08/25 | | | 0.0002 | | | |
| 70/09/23 | | | 0.0030 | | | |
| 70/10/24 | | | 0.0020 | | | |
| 70/11/17 | | | 0.0050 | | | |
| 70/12/19 | | | 0.0125 | | | |
| 71/01/18 | | | 0.0046 | | | |
| 71/02/17 | | | 0.0009 | | | |
| 71/03/04 | | | 0.0009 | | | |
| 71/04/09 | | | 0.0431 | 3.46L | 3.66L | 7.65L |
| 71/05/03 | | | 0.0217 | | | |
| 71/06/02 | | | 0.0126 | | | |
| 71/07/01 | | | 0.0068 | 12.00L | 20.88L | 15.00L |
| 71/07/29 | | | 0.0061 | 8.79L | 12.15L | 16.55L |
| 71/09/01 | | | 0.0000 | 28.00L | 13.00L | 13.00L |
| 71/10/12 | | | 0.0006 | 41.47L | 57.52L | 51.65L |
| 71/11/08 | | | 0.0158 | 6.15L | 43.79L | 15.13L |
| 71/12/08 | | | 0.0153 | 4.63L | 41.58L | 12.98L |
| 72/01/10 | | | 0.0058 | 82.15 | 0.37 | 17.67 |

STORET RETRIEVAL DATE 77/03/01

052630 FG25
37 59 50.0 121 26 45.0 2
SAN JOAQUIN R.- ACKER ISLAND
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/08 | | | 0.0009 | 186.20 | 0.68 | 29.48 |
| 72/03/09 | | | 0.0034 | 76.52 | 0.14 | 17.23 |
| 72/04/06 | | | 0.0291 | 328.10 | 3.41 | 81.07 |
| 72/04/19 | | | 0.0283 | 560.70 | 30.68 | 71.46 |
| 72/05/03 | | | 0.0204 | 357.30 | 11.53 | 63.23 |
| 72/05/17 | | | 0.1482 | 1147.00 | 31.94 | 205.60 |
| 72/06/05 | | | 0.0095 | 244.50 | 16.20 | 118.30 |
| 72/06/19 | | | 0.0254 | 278.00 | 13.42 | 64.94 |
| 72/07/04 | | | 0.0115 | 548.80 | 14.10 | 123.70 |
| 72/07/17 | | | 0.0037 | 265.10 | 14.43 | 98.32 |
| 72/08/01 | | | 0.0032 | 549.30 | 9.58 | 62.28 |
| 72/08/14 | | | 0.0012 | 501.20 | 22.43 | 75.92 |
| 72/09/12 | | | 0.0117 | 636.20 | 18.67 | 53.07 |
| 72/09/27 | | | 0.0279 | 250.20 | 28.03 | 67.31 |
| 72/10/11 | | | 0.0369 | 875.30 | 37.66 | 86.53 |
| 72/10/26 | | | 0.0257 | 560.70 | 24.10 | 29.41 |
| 72/11/14 | | | 0.0096 | 268.00 | 10.38 | 23.00 |
| 72/12/18 | | | 0.0005 | 86.00 | 1.60 | 21.00 |
| 73/03/14 | | | 0.0002 | 63.48 | 1.82 | 20.26 |
| 73/04/09 | | | 0.0064 | 71.68 | 7.85 | 35.63 |
| 73/04/24 | | | 0.0166 | 1129.00 | 63.40 | 185.90 |
| 73/05/08 | | | 0.0481 | 290.20 | 179.30 | 276.40 |
| 73/05/23 | | | 0.0559 | 255.60 | 63.55 | 315.60 |
| 73/06/06 | | | 0.0141 | 340.50 | 29.35 | 218.30 |
| 73/06/25 | | | 0.0363 | 406.00 | 12.18 | 278.10 |
| 73/07/06 | | | 0.0040 | 468.20 | 16.61 | 116.90 |
| 73/07/23 | | | 0.0005 | 477.20 | 10.38 | 95.28 |
| 73/08/06 | | | 0.0009 | 490.80 | 14.81 | 100.80 |
| 73/08/20 | | | 0.0025 | 376.40 | 28.39 | 46.36 |
| 73/09/04 | | | 0.0011 | 295.80 | 9.48 | 27.00 |
| 73/09/17 | | | 0.0043 | 644.70 | 26.57 | 99.90 |
| 73/10/01 | | | 0.0056 | 340.10 | 31.71 | 129.10 |
| 73/10/15 | | | 0.0004 | 911.40 | 14.22 | 119.20 |
| 73/11/15 | | | 0.0008 | 225.90 | 26.22 | 28.11 |
| 74/03/13 | | | 0.0167 | 77.95 | 1.36 | 14.20 |
| 74/03/29 | | | 0.0035 | 268.30 | 19.94 | 97.36 |

STORET RETRIEVAL DATE 77/03/01

052630 FG25
37 59 50.0 121 26 45.0 2
SAN JOAQUIN R.- ACKER ISLAND
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0015 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD- OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/15 | | | 0.0010 | 422.00 | 10.82 | 24.85 |
| 74/05/10 | | | 0.0088 | 734.00 | 183.80 | 177.30 |
| 74/05/27 | | | 0.0063 | 311.80 | 20.34 | 70.95 |
| 74/06/10 | | | 0.0084 | 686.30 | 13.42 | 120.40 |
| 74/06/24 | | | 0.0390 | 112.30 | 47.09 | 128.50 |
| 74/07/09 | | | 0.0305 | 472.60 | 4.03 | 43.54 |
| 74/07/23 | | | 0.0125 | 375.30 | 4.70 | 41.96 |
| 74/08/07 | | | 0.0009 | 606.90 | 18.90 | 54.95 |
| 74/08/22 | | | 0.0007 | 762.70 | 15.11 | 47.30 |
| 74/09/06 | | | 0.0007 | 249.20 | 58.77 | 119.30 |
| 74/09/20 | | | 0.0005 | 353.00 | 180.00 | 260.00 |
| 74/10/04 | | | 0.0000 | 1032.00 | 26.87 | 79.48 |
| 74/10/21 | | | 0.0001 | 1063.00 | 15.36 | 51.02 |
| 74/11/18 | | | 0.0001 | 131.80 | 10.66 | 19.24 |

STORET RETRIEVAL DATE 77/03/01

052632 FG27
37 56 40.0 121 31 54.0 2
MIDDLE R.- S. END OF BACON I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0012 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 31 54 LATITUDE - 37 56 40

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN MIDDLE RIVER AT SOUTH END OF BACON ISLAND.

SAMPLING TRANSECT - LOCATED IN MIDDLE RIVER AND ONE THOUSAND YARDS SOUTH OF BACON ISLAND BRIDGE.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/01

052632 FG27
37 56 40.0 121 31 54.0 2
MIDDLE R.- S. END OF BACON I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0012 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/10 | | | 0.0051 | | | |
| 69/02/07 | | | 0.0005 | | | |
| 69/05/26 | | | 0.0008 | | | |
| 69/06/25 | | | 0.0003 | | | |
| 69/07/24 | | | 0.0019 | | | |
| 69/08/20 | | | 0.0034 | | | |
| 69/09/18 | | | 0.0006 | | | |
| 69/10/22 | | | 0.0000 | | | |
| 69/11/15 | | | 0.0001J | | | |
| 69/12/19 | | | 0.0001 | | | |
| 70/01/13 | | | 0.0003 | | | |
| 70/02/12 | | | 0.0054 | | | |
| 70/03/15 | | | 0.0044 | | | |
| 70/04/13 | | | 0.0000 | | | |
| 70/05/12 | | | 0.0200 | | | |
| 70/06/10 | | | 0.0408 | | | |
| 70/07/09 | | | 0.0122 | | | |
| 70/08/25 | | | 0.0001 | | | |
| 70/09/23 | | | 0.0013 | | | |
| 70/10/24 | | | 0.0011 | | | |
| 70/11/17 | | | 0.0020 | | | |
| 70/12/19 | | | 0.0016 | | | |
| 71/01/18 | | | 0.0009 | | | |
| 71/02/17 | | | 0.0011 | | | |
| 71/03/04 | | | 0.0004 | | | |
| 71/04/09 | | | 0.0153 | 0.06L | 0.34L | 1.44L |
| 71/05/03 | | | 0.0003 | | | |
| 71/06/02 | | | 0.0209 | 4.44L | 58.99L | 20.36L |
| 71/07/01 | | | 0.0443 | 31.00L | 53.51L | 22.00L |
| 71/07/29 | | | 0.0000 | 2.90L | 6.16L | 5.61L |
| 71/09/01 | | | 0.0000 | 39.00L | 22.74L | 7.00L |
| 71/10/12 | | | 0.0004 | 52.29L | 80.18L | 10.85L |
| 71/11/08 | | | 0.0002 | 3.44L | 91.21L | 10.33L |
| 71/12/08 | | | 0.0023 | 0.18L | 27.30L | 7.93L |
| 72/01/10 | | | 0.0041 | 26.31 | 0.81 | 9.76 |
| 72/02/08 | | | 0.0024 | 82.27 | 0.15 | 15.69 |

STORET RETRIEVAL DATE 77/03/01

052632 FG27
37 56 40.0 121 31 54.0 2
MIDDLE R.- S. END OF BACON I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0012 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/03/09 | | | 0.0015 | 35.88L | 0.00L | 5.29L |
| 72/04/06 | | | 0.0037 | 409.90 | 4.22 | 65.25 |
| 72/04/19 | | | 0.0022 | 350.90 | 10.27 | 27.15 |
| 72/05/03 | | | 0.0165 | 281.50 | 24.71 | 40.03 |
| 72/05/17 | | | 0.0042 | 1518.00 | 64.71 | 105.30 |
| 72/06/05 | | | 0.0025 | 209.40 | 25.85 | 72.28 |
| 72/06/19 | | | 0.0030 | 345.70 | 13.43 | 42.19 |
| 72/07/04 | | | 0.0094 | 218.50 | 10.90 | 60.84 |
| 72/07/18 | | | 0.0119 | 106.40 | 15.98 | 61.97 |
| 72/08/01 | | | 0.0180 | 1079.00 | 10.77 | 112.30 |
| 72/08/14 | | | 0.0004 | 389.00 | 18.67 | 51.89 |
| 72/09/12 | | | 0.0011 | 317.00 | 10.94 | 15.49 |
| 72/09/27 | | | 0.0008 | 351.60 | 12.75 | 26.53 |
| 72/10/11 | | | 0.0005 | 733.40 | 24.81 | 27.19 |
| 72/10/26 | | | 0.0004 | 36.75 | 4.29 | 7.86 |
| 72/11/14 | | | 0.0029 | 84.00 | 8.72 | 18.00 |
| 72/12/18 | | | 0.0008 | 5.00 | 0.67 | 8.00 |
| 73/03/14 | | | 0.0001 | 27.34 | 0.13 | 6.34 |
| 73/04/09 | | | 0.0009 | 31.52 | 0.26 | 6.48 |
| 73/04/24 | | | 0.0036 | 115.60 | 13.77 | 78.73 |
| 73/05/08 | | | 0.0106 | 64.71 | 39.72 | 67.15 |
| 73/05/23 | | | 0.0054 | 144.40 | 6.97 | 140.00 |
| 73/06/06 | | | 0.0050 | 94.07 | 6.89 | 82.92 |
| 73/06/25 | | | 0.0030 | 188.30 | 8.20 | 62.03 |
| 73/07/06 | | | 0.0006 | 340.60 | 8.18 | 30.09 |
| 73/07/23 | | | 0.0001 | 654.40 | 19.43 | 46.09 |
| 73/08/06 | | | 0.0002 | 499.80 | 7.00 | 141.30 |
| 73/08/20 | | | 0.0006 | 283.10 | 43.67 | 21.75 |
| 73/09/04 | | | 0.0004 | 449.90 | 6.94 | 10.00 |
| 73/09/17 | | | 0.0004 | 1040.00 | 16.90 | 47.45 |
| 73/10/01 | | | 0.0003 | 268.10 | 4.99 | 25.91 |
| 73/10/15 | | | 0.0005 | 211.50 | 15.00 | 41.68 |
| 73/11/15 | | | 0.0003 | 135.50 | 9.10 | 17.66 |
| 74/03/19 | | | 0.0042 | 31.61 | 0.92 | 14.73 |
| 74/04/04 | | | 0.0002 | 61.47 | 6.44 | 30.44 |
| 74/04/19 | | | 0.0003 | 97.20 | 6.39 | 22.05 |

STORET RETRIEVAL DATE 77/03/01

052632 FG27
37 56 40.0 121 31 54.0 2
MIDDLE R.- S. END OF BACON I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0012 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/05/15 | | | 0.0007 | 80.10 | 30.88 | 73.13 |
| 74/05/31 | | | 0.0003 | 207.10 | 19.06 | 43.97 |
| 74/06/11 | | | 0.0067 | 100.00 | 13.60 | 76.03 |
| 74/06/25 | | | 0.0039 | 114.30 | 3.37 | 25.83 |
| 74/07/15 | | | 0.0002 | 272.60 | 5.30 | 28.59 |
| 74/07/29 | | | 0.0001 | 412.40 | 9.13 | 18.98 |
| 74/08/09 | | | 0.0000 | 220.00 | 8.26 | 25.53 |
| 74/08/28 | | | 0.0000 | 677.80 | 23.27 | 27.61 |
| 74/09/12 | | | 0.0000 | 461.30 | 22.76 | 9.99 |
| 74/09/19 | | | 0.0000 | 244.80 | 32.48 | 85.68 |
| 74/10/10 | | | 0.0001 | 195.80 | 48.13 | 29.92 |
| 74/10/25 | | | 0.0000 | 67.27 | 41.84 | 15.02 |
| 74/11/22 | | | 0.0002 | 4.97 | 5.64 | 3.86 |

STORET RETRIEVAL DATE 77/03/01

052633 FG28
37 59 11.0 121 34 53.0 2
OLD RIVER- LOWER HOLLAND TRACT
06000 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 34 53 LATITUDE - 37 59 11

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN OLD RIVER AT SOUTH END OF HOLLAND TRACT.

SAMPLING TRANSECT - LOCATED ON THE EAST SIDE OF OLD RIVER AND FIFTY YARD S DOWNSTREAM FROM OVERHEAD POWER LINES.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N. CA.

STORET RETRIEVAL DATE 77/03/01

052633 FG28
37 59 11.0 121 34 53.0 2
OLD RIVER- LOWER HOLLAND TRACT
06000 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/10 | | | 0.0012 | | | |
| 69/02/07 | | | 0.0004 | | | |
| 69/05/26 | | | 0.0004 | | | |
| 69/06/25 | | | 0.0003 | | | |
| 69/07/24 | | | 0.0135 | | | |
| 69/08/20 | | | 0.0001 | | | |
| 69/09/18 | | | 0.0004 | | | |
| 69/10/22 | | | 0.0004 | | | |
| 69/11/15 | | | 0.0001 | | | |
| 69/12/19 | | | 0.0015 | | | |
| 70/01/13 | | | 0.0004 | | | |
| 70/02/12 | | | 0.0025 | | | |
| 70/03/15 | | | 0.0221 | | | |
| 70/04/13 | | | 0.0840 | | | |
| 70/05/12 | | | 0.0530 | | | |
| 70/06/10 | | | 0.0404 | | | |
| 70/07/09 | | | 0.0301 | | | |
| 70/08/25 | | | 0.0044 | | | |
| 70/09/23 | | | 0.0076 | | | |
| 70/10/24 | | | 0.0044 | | | |
| 70/11/17 | | | 0.0007 | | | |
| 70/12/19 | | | 0.0048 | | | |
| 71/01/18 | | | 0.0075 | | | |
| 71/02/17 | | | 0.0044 | | | |
| 71/03/04 | | | 0.0024 | | | |
| 71/04/09 | | | 0.0013 | 0.01L | 0.04L | 0.50L |
| 71/05/03 | | | 0.0418 | | | |
| 71/06/02 | | | 0.0811 | 0.20L | 2.04L | 3.07L |
| 71/07/01 | | | 0.0154 | 1.00L | 9.07L | 4.00L |
| 71/07/29 | | | 0.0029 | 30.38L | 15.59L | 9.22L |
| 71/09/01 | | | 0.0000 | 35.00L | 4.34L | 7.00L |
| 71/10/12 | | | 0.0001 | 118.20L | 60.77L | 22.10L |
| 71/11/08 | | | 0.0005 | 1.49L | 20.64L | 4.95L |
| 71/12/08 | | | 0.0210 | 0.09L | 3.02L | 3.05L |
| 72/01/10 | | | 0.0151 | 22.47 | 0.81 | 5.31 |
| 72/02/08 | | | 0.0061 | 24.73 | 0.07 | 5.47 |

STORET RETRIEVAL DATE 77/03/01

052633 FG28
37 59 11.0 121 34 53.0 2
OLD RIVER- LOWER HOLLAND TRACT
06000 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BURFC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD- OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/03/09 | | | 0.0033 | 18.34 | 0.14 | 5.99 |
| 72/04/06 | | | 0.0089 | 201.00 | 0.96 | 23.02 |
| 72/04/19 | | | 0.0126 | 413.80 | 1.08 | 19.91 |
| 72/05/03 | | | 0.0354 | 549.00 | 3.34 | 28.16 |
| 72/05/17 | | | 0.0000 | 1500.00 | 10.00 | 44.00 |
| 72/06/05 | | | 0.0163 | 512.50 | 25.48 | 64.84 |
| 72/06/19 | | | 0.0123 | 91.39 | 10.99 | 17.16 |
| 72/07/04 | | | 0.0042 | 138.90 | 5.70 | 64.45 |
| 72/07/18 | | | 0.0049 | 72.49 | 3.74 | 23.56 |
| 72/08/01 | | | 0.0040 | 217.30 | 3.88 | 28.23 |
| 72/08/14 | | | 0.0083 | 1214.00 | 9.48 | 66.94 |
| 72/09/12 | | | 0.0156 | 684.60 | 12.45 | 52.42 |
| 72/09/27 | | | 0.0176 | 106.40 | 14.02 | 30.62 |
| 72/10/11 | | | 0.0222 | 428.60 | 7.51 | 24.81 |
| 72/10/26 | | | 0.0097 | 34.74 | 0.80 | 6.26 |
| 72/11/14 | | | 0.0006 | 23.00 | 1.59 | 8.00 |
| 72/12/18 | | | 0.0005 | 3.00 | 0.26 | 4.00 |
| 73/03/14 | | | 0.0039 | 19.65 | 0.17 | 8.74 |
| 73/04/09 | | | 0.0035 | 92.56 | 0.22 | 12.21 |
| 73/04/24 | | | 0.0210 | 129.50 | 5.60 | 54.30 |
| 73/05/08 | | | 0.0845 | 63.81 | 2.87 | 30.72 |
| 73/05/23 | | | 0.0382 | 38.85 | 1.54 | 37.12 |
| 73/06/06 | | | 0.0166 | 97.06 | 0.35 | 7.78 |
| 73/06/25 | | | 0.0004 | 531.80 | 6.62 | 25.48 |
| 73/07/06 | | | 0.0009 | 960.90 | 4.62 | 24.73 |
| 73/07/23 | | | 0.0021 | 254.50 | 13.11 | 55.28 |
| 73/08/06 | | | 0.0040 | 411.70 | 9.98 | 52.54 |
| 73/08/20 | | | 0.0008 | 504.00 | 5.90 | 51.00 |
| 73/09/04 | | | 0.0052 | 364.00 | 1.83 | 10.00 |
| 73/09/17 | | | 0.0003 | 648.40 | 15.82 | 24.00 |
| 73/10/01 | | | 0.0000 | 336.80 | 4.32 | 13.07 |
| 73/10/15 | | | 0.0000 | 449.90 | 3.43 | 14.91 |
| 73/11/15 | | | 0.0004 | 74.49 | 7.02 | 4.87 |

STORET RETRIEVAL DATE 77/03/01

052634 FG29
38 03 24.0 121 40 06.0 2
FALSE RIVER- TOP OF JERSEY I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0019 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 40 06 LATITUDE - 38 03 24

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN FALSE RIVER AT NORTH SIDE OF JERSEY ISLAND.

SAMPLING TRANSECT - LOCATED THREE HUNDRED YARDS WEST OF PIPER SLOUGH AND IN THE MIDDLE OF FALSE RIVER.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTON, CA.

STORET RETRIEVAL DATE 77/03/01

052634 FG29
38 03 24.0 121 40 06.0 2
FALSE RIVER- TOP OF JERSEY I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STRFAM

113BUREC 04001004
0019 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/10 | | | 0.0150 | | | |
| 69/02/07 | | | 0.0011 | | | |
| 69/03/09 | | | 0.0006J | | | |
| 69/05/26 | | | 0.0170 | | | |
| 69/06/25 | | | 0.0596 | | | |
| 69/07/24 | | | 0.0940 | | | |
| 69/08/20 | | | 0.0385 | | | |
| 69/09/18 | | | 0.0023 | | | |
| 69/10/21 | | | 0.0760 | | | |
| 69/11/15 | | | 0.0078 | | | |
| 69/12/19 | | | 0.0058 | | | |
| 70/01/13 | | | 0.0020 | | | |
| 70/02/12 | | | 0.0021 | | | |
| 70/03/15 | | | 0.0092 | | | |
| 70/04/13 | | | 0.0116 | | | |
| 70/05/12 | | | 0.0330 | | | |
| 70/06/10 | | | 0.1073 | | | |
| 70/07/09 | | | 0.0100 | | | |
| 70/08/25 | | | 0.0204 | | | |
| 70/09/23 | | | 0.0101 | | | |
| 70/10/24 | | | 0.0040 | | | |
| 70/11/17 | | | 0.0068 | | | |
| 70/12/19 | | | 0.0064 | | | |
| 71/01/18 | | | 0.0015 | | | |
| 71/02/17 | | | 0.0018 | | | |
| 71/03/04 | | | 0.0016 | | | |
| 71/04/09 | | | 0.0092 | 0.07L | 0.13L | 0.95L |
| 71/05/03 | | | 0.0269 | | | |
| 71/06/02 | | | 0.0553J | | | |
| 71/07/01 | | | 0.0247 | 0.10L | 3.15L | 2.00L |
| 71/07/29 | | | 0.0397 | 8.00L | 4.50L | 10.00L |
| 71/09/01 | | | 0.0036 | 5.00L | 1.07L | 1.00L |
| 71/10/12 | | | 0.0008 | 50.30L | 57.44L | 9.38L |
| 71/11/08 | | | 0.0283 | 0.06L | 13.32L | 3.27L |
| 71/12/08 | | | 0.0045 | 0.09L | 2.28L | 1.91L |
| 72/01/11 | | | 0.0090 | 11.27 | 0.86 | 7.32 |

STORET RETRIEVAL DATE 77/03/01

052634 FG29
38 03 24.0 121 40 06.0 2
FALSE RIVER- TOP OF JERSEY I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0019 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/09 | | | 0.0081 | 27.18 | 0.05 | 6.01 |
| 72/03/09 | | | 0.0015 | 23.59 | 0.18 | 7.19 |
| 72/04/06 | | | 0.0200 | 572.90L | 0.50 | 38.00 |
| 72/04/19 | | | 0.0085 | 943.90 | 4.13 | 18.46 |
| 72/05/03 | | | 0.0031 | 360.80 | 0.82 | 47.56 |
| 72/05/17 | | | 0.0175 | 1058.00 | 15.70 | 60.96 |
| 72/06/05 | | | 0.0816 | 103.80 | 13.28 | 37.18 |
| 72/06/19 | | | 0.0090 | 101.80 | 2.00 | 38.94 |
| 72/07/04 | | | 0.0087 | 187.20 | 5.22 | 54.40 |
| 72/07/18 | | | 0.0100 | 99.00 | 3.12 | 27.00 |
| 72/08/01 | | | 0.0148 | 357.00 | 3.75 | 32.14 |
| 72/08/14 | | | 0.0799 | 1014.00 | 3.12 | 50.93 |
| 72/09/12 | | | 0.0487 | 526.00 | 2.61 | 32.61 |
| 72/09/27 | | | 0.0938 | 660.30 | 0.84 | 53.55 |
| 72/10/11 | | | 0.1248 | 225.50 | 1.04 | 24.08 |
| 72/10/26 | | | 0.0451 | 47.67 | 0.18 | 17.34 |
| 72/11/14 | | | 0.0054 | 21.00 | 0.64 | 14.00 |
| 72/12/14 | | | 0.0102 | 6.52 | 0.91 | 3.65 |
| 73/03/13 | | | 0.0000 | 30.97 | 0.79 | 12.01 |
| 73/04/09 | | | 0.0002 | 34.14 | 0.76 | 13.46 |
| 73/04/24 | | | 0.0036 | 139.30 | 6.24 | 28.42 |
| 73/05/08 | | | 0.0340 | 460.70 | 14.74 | 47.60 |
| 73/05/23 | | | 0.0291 | 63.55 | 0.73 | 17.74 |
| 73/06/06 | | | 0.0196 | 79.42 | 0.89 | 11.51 |
| 73/06/25 | | | 0.0153 | 398.80 | 0.71 | 19.92 |
| 73/07/06 | | | 0.0083 | 313.50 | 2.76 | 30.56 |
| 73/07/23 | | | 0.0164 | 238.30 | 7.26 | 42.86 |
| 73/08/06 | | | 0.0300 | 197.30 | 6.71 | 31.15 |
| 73/08/20 | | | 0.0166 | 165.40 | 2.44 | 23.81 |
| 73/09/04 | | | 0.0000 | 292.60 | 1.18 | 4.00 |
| 73/09/17 | | | 0.0126 | 304.30 | 2.95 | 15.93 |
| 73/10/01 | | | 0.0116 | 375.10 | 6.42 | 8.44 |
| 73/10/15 | | | 0.0170 | 206.90 | 7.08 | 9.55 |
| 73/11/15 | | | 0.0056 | 64.03 | 5.51 | 6.70 |
| 74/03/13 | | | 0.0034 | 26.82 | 0.20 | 6.35 |
| 74/03/29 | | | 0.0094 | 48.75 | 0.73 | 8.14 |

STORET RETRIEVAL DATE 77/03/01

052634 FG29
38 03 24.0 121 40 06.0 2
FALSE RIVER- TOP OF JERSEY I.
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 141092

/TYPA/AMBNT/STREAM

113BUREC 04001004
0019 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/15 | | | 0.0018 | 74.17 | 8.41 | 18.51 |
| 74/05/10 | | | 0.0266 | 240.70 | 31.97 | 24.02 |
| 74/05/27 | | | 0.0606 | 479.90 | 24.19 | 21.58 |
| 74/06/10 | | | 0.0507 | 405.90 | 1.28 | 25.18 |
| 74/06/24 | | | 0.0728 | 690.80 | 16.43 | 24.45 |
| 74/07/09 | | | 0.0903 | 649.10 | 0.63 | 42.81 |
| 74/07/23 | | | 0.0511 | 192.40 | 0.57 | 11.09 |
| 74/08/07 | | | 0.0180 | 209.50 | 2.84 | 3.95 |
| 74/08/22 | | | 0.0031 | 255.40 | 8.86 | 22.79 |
| 74/09/06 | | | 0.0018 | 160.00 | 14.18 | 7.45 |
| 74/09/20 | | | 0.0048 | 223.40 | 7.63 | 22.69 |
| 74/10/04 | | | 0.0141 | 261.40 | 5.61 | 6.73 |
| 74/10/21 | | | 0.0026 | 108.50 | 11.79 | 3.02 |
| 74/11/18 | | | 0.0031 | 6.67 | 4.59 | 2.24 |

STORET RETRIEVAL DATE 77/03/01

052659 MD4
37 58 47.0 121 28 27.0 2
TURNER CUT AT MCDONALD IS. FERRY
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 28 270 LATITUDE - 37 58 470

MONITORING STATION FOR DELTA-SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN AN INTERIOR DELTA CHANNEL.

SAMPLING POINT - LOCATED IN TURNER CUT AT A POINT 400 FEET NORTH OF THE FERRY CROSSING BETWEEN MCDONALD ISLAND AND ROBERTS ISLAND AT BATES LANDING AND 50 FEET OUT FROM THE WESTERNMOST LEVEE.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/01

052659 MD4
37 58 47.0 121 28 27.0 2
TURNER CUT AT MCDONALD IS. FERRY
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 11 10 | 0003 | 7.20 | | | 5.70 | 56 | | | | | |
| 74/04/09 | 09 45 | 0003 | 9.80 | | | 6.90 | 59 | | | | | |
| 74/04/25 | 09 35 | 0003 | 24.00 | | | 14.00 | 62 | | | | | |
| 74/05/09 | 09 30 | 0003 | 7.70 | | | 12.00 | 39 | | | | | |
| 74/05/22 | 09 00 | 0003 | 20.00 | | | 14.00 | 59 | | | | | |
| 74/06/05 | 08 30 | 0003 | 15.00 | | | 8.90 | 63 | | | | | |
| 74/06/24 | 11 50 | 0003 | 7.80 | | | 9.30 | 46 | | | | | |
| 74/07/08 | 11 05 | 0003 | 10.00 | | | 8.50 | 54 | | | | | |
| 74/07/22 | 10 55 | 0003 | 25.00 | | | 12.00 | 66 | 1.32 | 2.71 | 1.45 | 1.39 | 0.29 |
| 74/08/06 | 10 10 | 0003 | 15.00 | | | 6.40 | 70 | | | | | |
| 74/08/22 | 12 10 | 0003 | 20.00 | | | 5.80 | 78 | | | | | |
| 74/09/05 | 11 00 | 0003 | 30.00 | | | 7.80 | 79 | | | | | |
| 74/09/18 | 10 00 | 0003 | 43.00 | | | 14.00 | 75 | | | | | |
| 74/10/01 | 10 25 | 0003 | 13.00 | | | 19.00 | 41 | | | | | |
| 74/10/16 | 09 20 | 0003 | 12.00 | | | 14.00 | 46 | | | | | |
| 74/11/06 | 13 40 | 0003 | 14.00 | | | 8.80 | 62 | | | | | |
| 74/11/18 | 11 50 | 0003 | 8.90 | | | 9.60 | 48 | | | | | |
| 74/12/17 | 10 40 | 0003 | 2.70 | | | 6.10 | 31 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052659 MD4
37 58 47.0 121 28 27.0 2
TURNER CUT AT MCDONALD IS. FERRY
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 11 10 | 0003 | 927 | 0 | 82 | 15 | 170 | 0 | 518 | 1712 |
| 74/04/25 | 09 35 | 0003 | 550 | 0 | 0 | 88 | 22 | 0 | 2112 | 2772 |
| 74/05/09 | 09 30 | 0003 | 836 | 0 | 0 | 0 | 22 | 0 | 924 | 1782 |
| 74/05/22 | 09 00 | 0003 | 264 | 0 | 0 | 0 | 22 | 0 | 1144 | 1452 |
| 74/06/05 | 08 30 | 0003 | 286 | 0 | 0 | 22 | 22 | 0 | 528 | 858 |
| 74/06/24 | 11 50 | 0003 | 25 | 0 | 0 | 5 | 121 | 0 | 358 | 509 |
| 74/07/08 | 11 05 | 0003 | 22 | 0 | 0 | 22 | 44 | 0 | 1848 | 1936 |
| 74/07/22 | 10 55 | 0003 | 44 | 0 | 0 | 0 | 22 | 0 | 418 | 484 |
| 74/08/06 | 10 10 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 1386 | 1452 |
| 74/08/22 | 12 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 22 | 1320 | 1342 |
| 74/09/05 | 11 00 | 0003 | 88 | 0 | 0 | 22 | 0 | 22 | 2156 | 2288 |
| 74/09/18 | 10 00 | 0003 | 242 | 0 | 0 | 0 | 44 | 0 | 2662 | 2948 |
| 74/10/01 | 10 25 | 0003 | 154 | 0 | 0 | 22 | 22 | 0 | 1826 | 2024 |
| 74/10/16 | 09 20 | 0003 | 220 | 0 | 0 | 0 | 0 | 0 | 3344 | 3564 |
| 74/11/06 | 13 40 | 0003 | 682 | 0 | 0 | 22 | 0 | 0 | 3014 | 3718 |
| 74/11/18 | 11 50 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 2794 | 2882 |
| 74/12/17 | 10 40 | 0003 | 176 | 0 | 0 | 0 | 0 | 0 | 792 | 968 |

STORET RETRIEVAL DATE 77/03/01

052659 MD4
37 58 47.0 121 28 27.0 2
TURNER CUT AT MCDONALD IS. FERRY
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BURFC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/13 | | | 0.0001 | 130.00 | 0.97 | 23.37 |
| 74/03/29 | | | 0.0000 | 229.00 | 9.99 | 87.33 |
| 74/04/15 | | | 0.0001 | 258.90 | 12.66 | 40.85 |
| 74/05/10 | | | 0.0010 | 433.50 | 106.40 | 137.80 |
| 74/05/27 | | | 0.0034 | 524.50 | 43.29 | 98.03 |
| 74/06/10 | | | 0.0080 | 531.80 | 30.29 | 176.90 |
| 74/06/24 | | | 0.0534 | 133.40 | 40.80 | 125.50 |
| 74/07/09 | | | 0.0019 | 542.20 | 8.46 | 44.75 |
| 74/07/23 | | | 0.0028 | 733.80 | 10.16 | 65.07 |
| 74/08/07 | | | 0.0002 | 451.90 | 31.18 | 50.00 |
| 74/08/22 | | | 0.0001 | 861.70 | 24.01 | 43.42 |
| 74/09/06 | | | 0.0000 | 500.60 | 48.21 | 82.03 |
| 74/09/20 | | | 0.0000 | 307.70 | 111.90 | 203.20 |
| 74/10/10 | | | 0.0001 | 844.10 | 24.47 | 90.08 |
| 74/10/21 | | | 0.0000 | 434.90 | 37.37 | 64.34 |
| 74/11/18 | | | 0.0000 | 84.32 | 10.44 | 12.24 |

STORET RETRIEVAL DATE 77/03/01

052660 MD5
37 57 21.0 121 31 40.0 2
MIDDLE RIVER AT BACON IS BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 31 400 LATITUDE - 37 57 210

MONITORING STATION FOR DELTA SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN AN INTERIOR DELTA CHANNEL.

SAMPLING POINT - LOCATED IN MIDDLERIVER,MID-CHANNEL,AT A POINT 200 FEET NORTH OF BRIDE BETWEEN BACON ISLAND AND LOWER JONES TRACT IN CENTER OF STREAM.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/01

052660 MD5
37 57 21.0 121 31 40.0 2
MIDDLE RIVER AT BACON IS BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0035 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 12 00 | 0003 | 4.60 | | | 3.90 | 54 | | | | | |
| 74/04/09 | 10 30 | 0003 | 5.40 | | | 3.00 | 64 | | | | | |
| 74/04/25 | 10 10 | 0003 | 9.10 | | | 6.40 | 58 | | | | | |
| 74/05/09 | 09 55 | 0003 | 3.70 | | | 3.80 | 49 | | | | | |
| 74/05/22 | 09 30 | 0003 | 7.20 | | | 7.30 | 50 | | | | | |
| 74/06/05 | 09 15 | 0003 | 5.40 | | | 4.40 | 55 | | | | | |
| 74/06/24 | 12 20 | 0003 | 5.70 | | | 3.50 | 61 | | | | | |
| 74/07/08 | 11 30 | 0003 | 5.80 | | | 4.30 | 57 | | | | | |
| 74/07/22 | 11 25 | 0003 | 12.00 | | | 7.20 | 64 | 0.71 | 1.93 | 0.90 | 1.22 | 0.19 |
| 74/08/06 | 10 40 | 0003 | 8.10 | | | 5.60 | 59 | | | | | |
| 74/08/22 | 12 40 | 0003 | 17.00 | | | 6.60 | 73 | | | | | |
| 74/09/05 | 11 35 | 0003 | 17.00 | | | 4.40 | 80 | | | | | |
| 74/09/18 | 10 25 | 0003 | 30.00 | | | 10.00 | 74 | | | | | |
| 74/10/01 | 10 50 | 0003 | 12.00 | | | 9.70 | 56 | | | | | |
| 74/10/16 | 10 05 | 0003 | 9.10 | | | 6.80 | 57 | | | | | |
| 74/11/06 | 14 10 | 0003 | 4.00 | | | 2.40 | 62 | | | | | |
| 74/11/18 | 12 15 | 0003 | 3.00 | | | 3.10 | 50 | | | | | |
| 74/12/17 | 11 10 | 0003 | 1.70 | | | 2.30 | 44 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052660 MD5
37 57 21.0 121 31 40.0 2
MIDDLE RIVER AT BACON IS BRIDGE
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BURFC 04001004
0035 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 12 00 | 0003 | 303 | 0 | 40 | 0 | 30 | 0 | 231 | 604 |
| 74/04/25 | 10 10 | 0003 | 154 | 0 | 0 | 0 | 22 | 0 | 638 | 792 |
| 74/05/09 | 09 55 | 0003 | 154 | 0 | 0 | 0 | 0 | 0 | 594 | 748 |
| 74/05/22 | 09 30 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 500 | 544 |
| 74/06/05 | 09 15 | 0003 | 198 | 0 | 0 | 0 | 0 | 0 | 88 | 286 |
| 74/06/24 | 12 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74/07/08 | 11 30 | 0003 | 22 | 0 | 0 | 0 | 22 | 0 | 1276 | 1320 |
| 74/07/22 | 11 25 | 0003 | 198 | 0 | 0 | 132 | 22 | 0 | 1034 | 1386 |
| 74/08/06 | 10 40 | 0003 | 44 | 0 | 0 | 0 | 22 | 0 | 1078 | 1144 |
| 74/08/22 | 12 40 | 0003 | 44 | 0 | 0 | 0 | 22 | 0 | 1826 | 1892 |
| 74/09/05 | 11 35 | 0003 | 0 | 0 | 0 | 0 | 22 | 66 | 1056 | 1144 |
| 74/09/18 | 10 25 | 0003 | 44 | 0 | 0 | 22 | 22 | 0 | 1980 | 2068 |
| 74/10/01 | 10 50 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 1034 | 1056 |
| 74/10/16 | 10 05 | 0003 | 22 | 0 | 0 | 44 | 66 | 0 | 836 | 968 |
| 74/11/06 | 14 10 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 264 | 286 |
| 74/11/18 | 12 15 | 0003 | 22 | 0 | 0 | 22 | 0 | 0 | 286 | 330 |
| 74/12/17 | 11 10 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 198 | 264 |

STORET RETRIEVAL DATE 77/03/01

052663 MD8
38 02 54.0 121 32 01.0 2
SAN JOAQUIN R.NR MOUTH MIDDLE R.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0055 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 32 010 LATITUDE - 38 02 540

MONITORING STATION FOR DELTA SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN A DEEP CHANNEL.

SAMPLING POINT - LOCATED IN THE SAN JOAQUIN RIVER,MID-CHANNEL,IN MANDEVILLE REACH AND 600 YARDS UPSTREAM FROM THE DEEP WATER CHANNEL.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEP,T OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/01

052663 MD8
38 02 54.0 121 32 01.0 2
SAN JOAQUIN R.NR MOUTH MIDDLE R.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0055 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 09 45 | 0003 | 2.60 | | | 1.60 | 61 | | | | | |
| 74/04/09 | 08 10 | 0003 | 3.70 | | | 1.80 | 66 | | | | | |
| 74/04/25 | 08 10 | 0003 | 4.70 | | | 3.20 | 60 | | | | | |
| 74/05/09 | 08 05 | 0003 | 4.40 | | | 3.00 | 59 | | | | | |
| 74/05/22 | 07 35 | 0003 | 3.70 | | | 2.10 | 64 | | | | | |
| 74/06/05 | 07 15 | 0003 | 4.00 | | | 2.60 | 61 | | | | | |
| 74/06/24 | 10 30 | 0003 | 4.70 | | | 2.50 | 65 | | | | | |
| 74/07/08 | 09 50 | 0003 | 6.10 | | | 5.30 | 54 | | | | | |
| 74/07/22 | 09 35 | 0003 | 5.80 | | | 4.40 | 57 | 0.30 | 1.25 | 0.69 | 0.95 | 0.11 |
| 74/08/06 | 09 00 | 0003 | 4.70 | | | 3.40 | 58 | | | | | |
| 74/08/22 | 10 55 | 0003 | 6.10 | | | 4.00 | 60 | | | | | |
| 74/09/05 | 09 40 | 0003 | 7.70 | | | 1.50 | 83 | | | | | |
| 74/09/18 | 08 40 | 0003 | 6.00 | | | 3.90 | 60 | | | | | |
| 74/10/01 | 09 00 | 0003 | 9.50 | | | 5.10 | 65 | | | | | |
| 74/10/16 | 08 00 | 0003 | 4.70 | | | 3.40 | 58 | | | | | |
| 74/11/06 | 12 30 | 0003 | 3.80 | | | 3.00 | 56 | | | | | |
| 74/11/18 | 10 35 | 0003 | 2.70 | | | 2.30 | 54 | | | | | |
| 74/12/17 | 09 05 | 0003 | 1.80 | | | 1.50 | 54 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052663 MD8
38 02 54.0 121 32 01.0 2
SAN JOAQUIN R.NR MOUTH MIDDLE R.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0055 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/25 | 09 45 | 0003 | 106 | 0 | 40 | 0 | 5 | 0 | 997 | 1148 |
| 74/04/25 | 08 10 | 0003 | 330 | 0 | 0 | 0 | 44 | 0 | 264 | 638 |
| 74/05/09 | 08 05 | 0003 | 358 | 0 | 10 | 10 | 0 | 0 | 2040 | 2418 |
| 74/05/22 | 07 35 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 924 | 968 |
| 74/06/05 | 07 15 | 0003 | 66 | 0 | 0 | 0 | 66 | 0 | 242 | 374 |
| 74/06/24 | 10 30 | 0003 | 29 | 0 | 0 | 0 | 49 | 0 | 312 | 390 |
| 74/07/08 | 09 50 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 2200 | 2222 |
| 74/07/22 | 09 35 | 0003 | 176 | 0 | 0 | 22 | 44 | 0 | 1254 | 1496 |
| 74/08/06 | 09 00 | 0003 | 22 | 0 | 0 | 22 | 66 | 0 | 924 | 1034 |
| 74/08/22 | 10 55 | 0003 | 0 | 0 | 0 | 0 | 22 | 0 | 704 | 726 |
| 74/09/05 | 09 40 | 0003 | 176 | 0 | 0 | 0 | 44 | 0 | 1012 | 1232 |
| 74/09/18 | 08 40 | 0003 | 132 | 0 | 0 | 0 | 44 | 0 | 1364 | 1540 |
| 74/10/01 | 09 00 | 0003 | 88 | 0 | 0 | 22 | 0 | 0 | 616 | 726 |
| 74/10/16 | 08 00 | 0003 | 22 | 22 | 0 | 22 | 0 | 0 | 792 | 858 |
| 74/11/06 | 12 30 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 924 | 990 |
| 74/11/18 | 10 35 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 286 | 352 |
| 74/12/17 | 09 05 | 0003 | 66 | 22 | 0 | 0 | 0 | 0 | 374 | 462 |

STORET RETRIEVAL DATE 77/03/01

052663 M08
38 02 54.0 121 32 01.0 2
SAN JOAQUIN R.NR MOUTH MIDDLE R.
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0055 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/19 | | | 0.0005 | 43.92 | 0.40 | 13.81 |
| 74/04/04 | | | 0.0000 | 68.42 | 2.51 | 33.49 |
| 74/04/19 | | | 0.0001 | 182.80 | 9.39 | 35.05 |
| 74/05/15 | | | 0.0006 | 63.38 | 19.30 | 35.18 |
| 74/05/31 | | | 0.0006 | 93.91 | 7.94 | 21.77 |
| 74/06/11 | | | 0.0024 | 39.61 | 1.98 | 16.18 |
| 74/06/25 | | | 0.0023 | 101.20 | 0.50 | 8.31 |
| 74/07/15 | | | 0.0008 | 146.60 | 2.46 | 13.73 |
| 74/07/29 | | | 0.0002 | 204.70 | 2.42 | 17.32 |
| 74/08/09 | | | 0.0008 | 93.15 | 4.67 | 9.00 |
| 74/08/28 | | | 0.0002 | 276.10 | 1.77 | 9.53 |
| 74/09/12 | | | 0.0000 | 323.20 | 8.34 | 33.41 |
| 74/09/19 | | | 0.0000 | 155.30 | 13.30 | 22.50 |
| 74/10/10 | | | 0.0003 | 224.30 | 17.03 | 37.90 |
| 74/10/25 | | | 0.0002 | 44.51 | 14.47 | 12.89 |
| 74/11/22 | | | 0.0008 | 19.89 | 8.97 | 5.27 |

STORET RETRIEVAL DATE 77/03/01

052666 MD11
38 05 53.0 121 35 13.0 2
SAN JOAQUIN RIVER SAN ANDRUS LDG
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 35 130 LATITUDE - 38 05 530

MONITORING STATION FOR DELTA SUISUN BAY ECOLOGICAL STUDIES.

DESCRIPTION - LOCATED IN A DEEP WATER SHIP CHANNEL.

SAMPLING POINT - LOCATED IN THE SAN JOAQUIN RIVER IN THE DEEP WATER CHANNEL NEAR THE CONFLUENCE OF THE MOKELUMNE RIVER AT BUOY 38.

SAMPLES COLLECTED AT A DEPTH OF 3 FEET BY U.S.BUREAU OF RECLAMATION AND STATE DEPT. OF WATER RESOURCES.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS.

STORET RETRIEVAL DATE 77/03/01

052666 MD11
38 05 53.0 121 35 13.0 2
SAN JOAQUIN RIVER SAN ANDRUS LDG
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMBNT/STREAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/19 | 16 30 | 0003 | 3.00 | | | 0.98 | 76 | | | | | |
| 74/03/26 | 12 05 | 0003 | 0.92 | | | 0.65 | 59 | | | | | |
| 74/04/02 | 15 05 | 0003 | 1.80 | | | 1.20 | 59 | | | | | |
| 74/04/10 | 10 15 | 0003 | 2.60 | | | 1.00 | 71 | | | | | |
| 74/04/17 | 15 35 | 0003 | 4.30 | | | 1.10 | 79 | | | | | |
| 74/04/24 | 09 30 | 0003 | 4.00 | | | 2.40 | 62 | | | | | |
| 74/04/30 | 14 00 | 0003 | 4.40 | | | 1.60 | 73 | | | | | |
| 74/05/08 | 08 45 | 0003 | 5.00 | | | 2.90 | 64 | | | | | |
| 74/05/14 | 12 55 | 0003 | 3.70 | | | 1.90 | 65 | | | | | |
| 74/05/23 | 09 45 | 0003 | 3.70 | | | 1.80 | 66 | | | | | |
| 74/06/06 | 08 55 | 0003 | 3.80 | | | 2.00 | 65 | | | | | |
| 74/06/12 | 12 25 | 0003 | 3.70 | | | 1.80 | 66 | | | | | |
| 74/06/25 | 12 45 | 0003 | 4.70 | | | 2.00 | 70 | | | | | |
| 74/06/26 | 12 10 | 0003 | 6.90 | | | 3.60 | 66 | | | | | |
| 74/07/09 | 11 20 | 0003 | 6.70 | | | 5.50 | 55 | | | | | |
| 74/07/10 | 11 10 | 0003 | 6.10 | | | 6.60 | 48 | | | | | |
| 74/07/23 | 11 30 | 0003 | 6.30 | | | 5.10 | 55 | 0.12 | 1.31 | 0.64 | 1.20 | 0.14 |
| 74/07/24 | 11 40 | 0003 | 5.70 | | | 4.10 | 58 | | | | | |
| 74/08/07 | 11 10 | 0003 | 4.60 | | | 3.60 | 56 | | | | | |
| 74/08/13 | 16 45 | 0003 | 5.00 | | | 2.60 | 65 | | | | | |
| 74/08/23 | 13 20 | 0003 | 5.00 | | | 2.50 | 66 | | | | | |
| 74/08/27 | 16 45 | 0003 | 7.10 | | | 3.30 | 68 | | | | | |
| 74/09/04 | 10 00 | 0003 | 12.00 | | | 2.90 | 80 | | | | | |
| 74/09/12 | 16 25 | 0003 | 9.10 | | | 4.10 | 69 | | | | | |
| 74/09/19 | 11 00 | 0003 | 4.70 | | | 2.50 | 65 | | | | | |
| 74/09/24 | 15 05 | 0003 | 6.30 | | | 3.00 | 67 | | | | | |
| 74/10/02 | 11 00 | 0003 | 5.80 | | | 4.10 | 59 | | | | | |
| 74/10/08 | 13 30 | 0003 | 4.60 | | | 2.30 | 66 | | | | | |
| 74/10/17 | 10 50 | 0003 | 3.50 | | | 3.10 | 53 | | | | | |
| 74/10/22 | 14 05 | 0003 | 3.70 | | | 1.70 | 68 | | | | | |
| 74/11/07 | 14 15 | 0003 | 2.90 | | | 2.20 | 57 | | | | | |
| 74/11/19 | 11 20 | 0003 | 1.90 | | | 1.20 | 61 | | | | | |
| 74/11/20 | 12 00 | 0003 | 2.10 | | | 0.92 | 69 | | | | | |
| 74/12/10 | 16 10 | 0003 | 1.70 | | | 1.00 | 62 | | | | | |

STORET RETRIEVAL DATE 77/03/01

052666 MD11
38 05 53.0 121 35 13.0 2
SAN JOAQUIN RIVER SAN ANDRUS LDG
06 CALIFORNIA
SACTO-SAN JOAQUIN DELTA 141091

/TYPA/AMRNT/STRFAM

113BUREC 04001004
0040 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/19 | 16 30 | 0003 | 166 | 0 | 29 | 0 | 0 | 0 | 322 | 517 |
| 74/04/17 | 15 35 | 0003 | 283 | 0 | 20 | 0 | 20 | 0 | 766 | 1089 |
| 74/04/24 | 09 30 | 0003 | 396 | 0 | 0 | 0 | 0 | 0 | 440 | 836 |
| 74/04/30 | 14 00 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 154 | 242 |
| 74/05/08 | 08 45 | 0003 | 242 | 0 | 0 | 22 | 0 | 0 | 1804 | 2068 |
| 74/05/14 | 12 55 | 0003 | 154 | 0 | 0 | 22 | 22 | 0 | 836 | 1034 |
| 74/05/23 | 09 45 | 0003 | 88 | 0 | 0 | 0 | 22 | 0 | 638 | 748 |
| 74/06/06 | 08 55 | 0003 | 198 | 0 | 0 | 22 | 22 | 0 | 374 | 616 |
| 74/06/12 | 12 25 | 0003 | 110 | 0 | 0 | 0 | 44 | 0 | 352 | 506 |
| 74/06/25 | 12 45 | 0003 | 151 | 10 | 10 | 10 | 0 | 0 | 1324 | 1505 |
| 74/07/09 | 11 20 | 0003 | 110 | 0 | 0 | 22 | 22 | 0 | 1870 | 2024 |
| 74/07/10 | 11 10 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 1430 | 1452 |
| 74/07/23 | 11 30 | 0003 | 44 | 0 | 0 | 0 | 22 | 0 | 1650 | 1716 |
| 74/07/24 | 11 40 | 0003 | 110 | 0 | 0 | 0 | 44 | 0 | 792 | 946 |
| 74/08/07 | 11 10 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 1254 | 1298 |
| 74/08/13 | 16 45 | 0003 | 110 | 0 | 0 | 0 | 0 | 0 | 286 | 396 |
| 74/08/23 | 13 20 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 330 | 374 |
| 74/08/27 | 16 45 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 506 | 528 |
| 74/09/04 | 10 00 | 0003 | 44 | 0 | 0 | 22 | 44 | 0 | 814 | 924 |
| 74/09/12 | 16 25 | 0003 | 66 | 0 | 0 | 0 | 22 | 0 | 726 | 814 |
| 74/09/19 | 11 00 | 0003 | 88 | 0 | 0 | 44 | 0 | 0 | 902 | 1034 |
| 74/09/24 | 15 05 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 440 | 484 |
| 74/10/02 | 11 00 | 0003 | 22 | 22 | 0 | 0 | 44 | 0 | 616 | 704 |
| 74/10/08 | 13 30 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 704 | 726 |
| 74/10/17 | 10 50 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 286 | 308 |
| 74/10/22 | 14 05 | 0003 | 110 | 0 | 0 | 22 | 0 | 0 | 330 | 462 |
| 74/11/07 | 14 15 | 0003 | 110 | 0 | 0 | 22 | 0 | 0 | 352 | 484 |
| 74/11/20 | 12 00 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 286 | 374 |
| 74/12/10 | 16 10 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 550 | 638 |

# Suisun Bay-San Pablo Bay

STORET RETRIEVAL DATE 77/03/14

052590 C14
38 03 00.0 122 01 00.0 5
SACRAMENTO R AT PORT CHICAGO-C14
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 01 00 LATITUDE - 38 03 00

MONITORING STATION FOR CENTRAL VALLEY OPERATIONS STUDY.

DESCRIPTION - LOCATED ON SACRAMENTO RIVER AT PORT CHICAGO.

SAMPLING POINT - LOCATED AT STORAGE DOCK PIER NEAR SEALBLUF LANDING.

SAMPLES COLLECTED BY CENTRAL VALLEY OPERATIONS FIELD OFFICE IN TRACY CA.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.

STORET RETRIEVAL DATE 77/03/14

052590 C14
38 03 00.0 122 01 00.0 5
SACRAMENTO R AT PORT CHICAGO-C14
06 CALIFORNIA
SACTO.-SAN JOAQUIN DELTA 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0006 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/01/04 | 11 55 | 0003 | | | 1.6 | | | | | | |
| 72/01/12 | 11 30 | 0006 | | | 1.0 | | | | | | |
| 72/01/17 | 12 50 | 0006 | | | 0.9 | | | | | | |
| 72/01/24 | 12 45 | 0003 | | | 1.3 | | | | | | |
| 72/01/31 | 13 30 | 0005 | | | 1.4 | | | | | | |
| 72/02/07 | 13 30 | 0002 | | | 1.1 | | | | | | |
| 72/02/14 | 13 30 | 0007 | | | 1.4 | | | | | | |
| 72/02/22 | 13 05 | 0003 | | | 1.4 | | | | | | |
| 72/02/28 | 12 30 | 0005 | | | 1.3 | | | | | | |
| 72/03/06 | 13 00 | 0002 | | | 1.3 | | | | | | |
| 72/03/13 | 11 32 | 0006 | | | 2.7 | | | | | | |
| 72/03/20 | 13 30 | 0001 | | | 2.6 | | | | | | |
| 72/04/03 | 11 35 | 0002 | | | 1.1 | | | | | | |
| 72/04/12 | 14 10 | 0005 | | | 1.2 | | | | | | |
| 72/04/27 | 07 45 | 0003 | | | 2.3 | | | | | | |
| 72/05/04 | 14 40 | 0004 | | | 1.0 | | | | | | |
| 72/05/16 | 14 30 | 0003 | | | 2.7 | | | | | | |
| 72/05/24 | 15 45 | 0007 | | | 1.6 | | | | | | |
| 72/06/01 | 14 10 | 0002 | | | 1.6 | | | | | | |
| 72/06/26 | 13 00 | 0003 | | | 1.1 | | | | | | |
| 72/07/03 | 13 15 | 0003 | | | 1.3 | | | | | | |
| 72/07/17 | 13 10 | 0003 | | | 2.8 | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052501 D1 42
38 03 10.0 122 04 50.0 2
SUISUN BAY EAST OF AVON PIER
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 04 50 LATITUDE - 38 03 10

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED NEAR AN INDUSTRIAL AREA, IN A NAVIGATION CHANNEL.

SAMPLING POINT - SUISUN BAY, EAST BULLS HEAD CHANNEL, 1000 YARDS WEST OF POINT EDITH, ADJACENT TO AND SOUTH OF FL G 4SEC "7". DEPTH AT SITE IS 31FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

FOR LABORATORY PERFORMING ANALYSIS, SEE USBR DATA APPENDIX.

STATION DISCONTINUED MAR 1971.

STORET RETRIEVAL DATE 77/03/14

052501 D1 42
38 03 10.0 122 04 50.0 2
SUISUN BAY EAST OF AVON PIER
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GPOS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 09 25 | 0003 | 12.16C | | | | | | | | | |
| 68/10/30 | 11 10 | 0003 | 5.40C | | | | | | | | | |
| 68/11/25 | 09 35 | 0003 | 3.50C | | | | | | | | | |
| 68/12/18 | 13 00 | 0003 | 3.72C | | | | | | | | | |
| 69/01/28 | 11 20 | 0003 | 1.22C | | | | | | | | | |
| 69/02/26 | 10 20 | 0003 | 2.05C | | | | | | | | | |
| 69/03/27 | 10 30 | 0003 | 3.12C | | | | | | | | | |
| 69/05/08 | 07 45 | 0003 | 9.88C | | | | | | | | | |
| 69/06/10 | 14 00 | 0003 | 6.69C | | | | | | | | | |
| 69/07/22 | 10 15 | 0003 | 26.60C | | | | | | | | | |
| 69/08/19 | 08 30 | 0003 | 35.72C | | | | | | | | | |
| 69/09/17 | 08 10 | 0003 | 32.00 | 4.00M | 9.20 | 7.20 | 81 | | | | | |
| 69/10/21 | 13 55 | 0003 | 3.80 | 0.18M | 1.90 | 6.50 | 37 | | | | | |
| 69/11/20 | 11 55 | 0003 | 4.33C | | | | | | | | | |
| 70/02/11 | 08 40 | 0003 | 1.90C | | | | | | | | | |
| 70/03/16 | 11 05 | 0003 | 2.96C | | | | | | | | | |
| 70/04/15 | 10 10 | 0003 | 7.60C | | | | | | | | | |
| 70/05/20 | 16 45 | 0003 | 17.00 | 0.17M | 4.40 | 5.50 | 76 | | | | | |
| 70/06/17 | 15 30 | 0003 | 18.00 | 0.06M | 6.60 | 6.00 | 76 | | | | | |
| 70/07/16 | 15 50 | 0003 | 12.00 | 0.30M | 1.80 | 4.10 | 76 | | | | | |
| 70/08/14 | 14 40 | 0003 | 26.00 | 0.30M | 7.70 | 8.80 | 74 | | | | | |
| 70/09/11 | 13 25 | 0003 | 49.00 | 1.40M | 10.00 | 7.90 | 86 | | | | | |
| 70/10/09 | 12 35 | 0003 | 21.00 | 0.54M | 5.50 | 7.20 | 74 | | | | | |
| 71/03/04 | 08 45 | 0003 | 2.20 | 0.00 | 0.00 | 1.60 | 58 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052501 D1 42
38 03 10.0 122 04 50.0 2
SUISUN BAY EAST OF AVON PIER
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/07 | | | 0.0101 | | | |
| 69/02/04 | | | 0.0011 | | | |
| 69/03/07 | | | 0.0002 | | | |
| 69/05/24 | | | 0.2079 | | | |
| 69/06/23 | | | 0.0415 | | | |
| 69/07/22 | | | 0.0345 | | | |
| 69/08/18 | | | 0.0027 | | | |
| 69/09/16 | | | 0.0279 | | | |
| 69/10/18 | | | 0.0045 | | | |
| 69/11/17 | | | 0.0158 | | | |
| 69/12/20 | | | 0.0011 | | | |
| 70/01/15 | | | 0.0047 | | | |
| 70/02/14 | | | 0.0022 | | | |
| 70/03/17 | | | 0.0458 | | | |
| 70/04/15 | | | 0.0173 | | | |
| 70/05/15 | | | 0.0060 | | | |
| 70/06/12 | | | 0.0003 | | | |
| 70/07/11 | | | 0.0016 | | | |
| 70/08/23 | | | 0.0011 | | | |
| 70/09/21 | | | 0.0203 | | | |
| 70/10/22 | | | 0.0117 | | | |
| 70/11/19 | | | 0.0276 | | | |
| 70/12/22 | | | 0.0167 | | | |
| 71/01/21 | | | 0.0150 | | | |
| 71/02/21 | | | 0.0056 | | | |
| 71/03/07 | | | 0.0056 | | | |
| 71/04/07 | | | 0.0248 | 0.00L | 0.00L | 1.35L |
| 71/05/06 | | | 0.0501 | 15.11L | 0.00L | 13.15L |
| 71/06/05 | | | 0.0000 | 0.26L | 0.98L | 12.53L |
| 71/07/01 | | | 0.0065 | 0.07L | 0.00L | 16.25L |
| 71/08/01 | | | 0.0122 | 1.81L | 0.23L | 10.65L |
| 71/09/03 | | | 0.0196 | 4.43L | 0.00L | 6.46L |
| 71/10/18 | | | 0.0057 | 0.27L | 0.00L | 12.79L |
| 71/11/12 | | | 0.0038 | 0.06L | 0.00L | 8.30L |
| 71/12/15 | | | 0.0034 | 0.06L | 0.02L | 2.92L |
| 72/01/13 | | | 0.0019 | 1.90 | 0.00 | 21.01 |

STORET RETRIEVAL DATE 77/03/14

052501 D1 42
38 03 10.0 122 04 50.0 2
SUISUN BAY EAST OF AVON PIER
06 CALIFORNIA
SUISUN BAY 140391

113BUREC 04001004
0030 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/11 | | | 0.0013 | 1.32 | 0.00 | 8.92 |
| 72/03/14 | | | 0.0055 | 1.00 | 0.00 | 106.00 |
| 72/04/11 | | | 0.0043 | 7.00 | 0.00 | 83.00 |
| 72/04/24 | | | 0.0021 | 1.98 | 0.00 | 12.99 |
| 72/05/09 | | | 0.0012 | 1.87 | 0.00 | 68.00 |
| 72/05/23 | | | 0.0025 | 26.46 | 0.00 | 46.72 |
| 72/06/08 | | | 0.0005 | 37.18 | 0.00 | 64.73 |
| 72/06/22 | | | 0.0002 | 9.60 | 0.00 | 51.82 |
| 72/07/08 | | | 0.0010 | 197.00 | 0.00 | 78.35 |
| 72/07/20 | | | 0.0012 | 29.78 | 0.00 | 63.05 |
| 72/08/04 | | | 0.0018 | 42.83 | 0.00 | 65.55 |
| 72/08/17 | | | 0.0036 | 10.59 | 0.00 | 46.92 |
| 72/09/15 | | | 0.0069 | 152.80 | 0.00 | 62.05 |
| 72/09/30 | | | 0.0067 | 17.97 | 0.00 | 63.04 |
| 72/10/17 | | | 0.0265 | 4.25 | 0.00 | 34.57 |
| 72/11/02 | | | 0.0059 | 10.00 | 0.00 | 13.00 |
| 72/11/17 | | | 0.0103 | 3.00 | 0.00 | 18.00 |
| 72/12/22 | | | 0.0447 | 4.00 | 0.00 | 34.00 |
| 73/03/17 | | | 0.0234 | 10.00 | 0.00 | 236.50 |
| 73/04/12 | | | 0.0125 | 3.79 | 0.00 | 55.28 |
| 73/04/27 | | | 0.0746 | 2.72 | 0.00 | 60.17 |
| 73/05/11 | | | 0.0186 | 27.15 | 0.00 | 116.50 |
| 73/05/29 | | | 0.0139 | 231.90 | 0.02 | 102.00 |
| 73/06/11 | | | 0.0104 | 51.50 | 0.00 | 84.21 |
| 73/06/28 | | | 0.0025 | 473.50 | 0.00 | 172.60 |
| 73/07/11 | | | 0.0008 | 60.79 | 0.00 | 126.80 |
| 73/07/26 | | | 0.0007 | 72.00 | 0.00 | 100.00 |
| 73/08/09 | | | 0.0008 | 127.30 | 0.00 | 92.81 |
| 73/08/23 | | | 0.0009 | 21.96 | 0.00 | 90.66 |
| 73/09/07 | | | 0.0008 | 86.14 | 0.00 | 56.00 |
| 73/09/20 | | | 0.0056 | 61.22 | 0.00 | 91.45 |
| 73/10/04 | | | 0.0186 | 96.12 | 0.00 | 60.08 |
| 73/10/19 | | | 0.0057 | 35.12 | 0.00 | 64.43 |
| 73/11/20 | | | 0.0819 | 28.57 | 0.16 | 60.81 |
| 74/03/18 | | | 0.1896 | 9.30 | 0.00 | 205.10 |
| 74/04/03 | | | 0.0056 | 70.84 | 0.75 | 19.44 |

STORET RETRIEVAL DATE 77/03/14

052501 D1 42
38 03 10.0 122 04 50.0 2
SUISUN BAY EAST OF AVON PIER
06 CALIFORNIA
SUISUN BAY 140391

113BUREC ·04001004
0030 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0146 | 78.34 | 0.61 | 9.46 |
| 74/05/17 | | | 0.2495 | 143.70 | 1.13 | 194.20 |
| 74/05/30 | | | 0.1053 | 758.00 | 0.00 | 94.24 |
| 74/06/17 | | | 0.0153 | 384.80 | 0.00 | 106.60 |
| 74/06/27 | | | 0.0385 | 335.80 | 0.00 | 64.84 |
| 74/07/12 | | | 0.0117 | 29.89 | 0.54 | 60.24 |
| 74/07/26 | | | 0.0073 | 54.10 | 0.00 | 73.32 |
| 74/08/13 | | | 0.0054 | 4.34L | 0.00L | 8.11L |
| 74/08/27 | | | 0.0035 | 360.70 | 0.00 | 86.78 |
| 74/09/16 | | | 0.0127 | 170.50 | 0.00 | 92.59 |
| 74/09/25 | | | 0.0122 | | | |
| 74/10/09 | | | 0.0685 | 108.10 | 0.00 | 95.55 |
| 74/10/24 | | | 0.0617 | 90.30 | 0.00 | 39.79 |
| 74/11/21 | | | 0.0111 | 2.73 | 0.00 | 22.15 |

STORET RETRIEVAL DATE 77/03/14

052501 D1 42
38 03 10.0 122 04 50.0 2
SUISUN BAY EAST OF AVON PIER
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 09 25 | 0003 | 1.0 | | | | | | | | |
| 68/10/30 | 11 10 | 0003 | 1.1 | | | | | | | | |
| 68/11/25 | 09 35 | 0003 | 1.0 | | | | | | | | |
| 69/01/28 | 11 20 | 0003 | 2.1 | | | | | | | | |
| 69/02/26 | 10 20 | 0003 | 1.8 | | | | | | | | |
| 69/03/27 | 10 30 | 0003 | 1.5 | | | | | | | | |
| 69/05/08 | 07 45 | 0003 | 1.1 | | | | | | | | |
| 69/07/22 | 10 15 | 0003 | 2.4 | | | | | | | | |
| 69/08/19 | 08 30 | 0003 | 1.5 | | | | | | | | |
| 69/09/17 | 08 10 | 0003 | 2.0 | | | | | | | | |
| 69/10/21 | 13 55 | 0003 | 1.6 | | | | | | | | |
| 69/11/20 | 11 55 | 0003 | 1.3 | | | | | | | | |
| 70/02/11 | 08 40 | 0003 | 0.4 | | | | | | | | |
| 70/03/16 | 11 05 | 0003 | 0.5 | | | | | | | | |
| 70/04/15 | 10 10 | 0003 | 0.9 | | | | | | | | |
| 70/05/20 | 16 45 | 0003 | 1.3 | | | | | | | | |
| 70/06/17 | 15 30 | 0003 | 2.2 | | | | | | | | |
| 70/07/16 | 15 50 | 0003 | 1.9 | | | | | | | | |
| 70/08/14 | 14 40 | 0003 | 2.3 | | | | | | | | |
| 70/09/11 | 13 25 | 0003 | 1.4 | | | | | | | | |
| 70/10/09 | 12 35 | 0003 | 1.8 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 03 00 LATITUDE - 38 04 00

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED NEAR AN INDUSTRIAL AREA, IN A NAVIGATION CHANNEL.

SAMPLING POINT - SUISUN BAY, PRESTON PT REACH, 800 YARDS SOUTHWEST OF TRIPOD AT PRESTON PT, ADJACENT TO AND SOUTH OF FL 4 SEC "11". DEPTH AT SITE IS 30 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 09 45 | 0003 | 53.20C | | | | | | | | | |
| 68/10/30 | 11 30 | 0003 | 20.52C | | | | | | | | | |
| 68/11/25 | 09 50 | 0003 | 6.69C | | | | | | | | | |
| 68/12/18 | 13 10 | 0003 | 5.40C | | | | | | | | | |
| 69/01/28 | 11 40 | 0003 | 1.67C | | | | | | | | | |
| 69/02/26 | 10 35 | 0003 | 2.13C | | | | | | | | | |
| 69/03/27 | 10 55 | 0003 | 2.96C | | | | | | | | | |
| 69/05/08 | 08 05 | 0003 | 9.88C | | | | | | | | | |
| 69/06/10 | 14 25 | 0003 | 6.84C | | | | | | | | | |
| 69/07/22 | 10 45 | 0003 | 25.84C | | | | | | | | | |
| 69/08/19 | 09 00 | 0003 | 50.16C | | | | | | | | | |
| 69/09/17 | 08 40 | 0003 | 22.00 | 2.90M | 6.10 | 5.20 | 81 | | | | | |
| 69/10/21 | 14 15 | 0003 | 6.90 | 0.60M | 3.20 | 7.00 | 50 | | | | | |
| 69/11/20 | 12 20 | 0003 | 6.46C | | | | | | | | | |
| 70/02/11 | 08 55 | 0003 | 1.60C | | | | | | | | | |
| 70/03/16 | 11 20 | 0003 | 3.12C | | | | | | | | | |
| 70/04/15 | 10 30 | 0003 | 7.30C | | | | | | | | | |
| 70/05/20 | 16 55 | 0003 | 22.00 | 0.77M | 5.50 | 4.20 | 84 | | | | | |
| 70/06/17 | 15 45 | 0003 | 24.00 | 0.57M | 4.30 | 6.70 | 79 | | | | | |
| 70/07/16 | 16 05 | 0003 | 17.00 | 0.23 | 3.20 | 6.50 | 71 | | | | | |
| 70/08/14 | 14 55 | 0003 | 37.00 | 1.00M | 10.00 | 13.00 | 74 | | | | | |
| 70/09/11 | 13 50 | 0003 | 56.00 | 0.53M | 8.00 | 11.00 | 84 | | | | | |
| 70/10/09 | 12 45 | 0003 | 42.00 | 1.90M | 12.00 | 10.00 | 81 | | | | | |
| 71/03/04 | 09 00 | 0003 | 2.00 | | | 3.60 | 35 | | | | | |
| 71/05/04 | 11 50 | 0003 | 18.00 | 0.00 | 4.80 | 8.70 | 67 | | | | | |
| 71/06/02 | 11 30 | 0003 | 17.00 | 0.70 | 4.90 | 9.10 | 64 | | | | | |
| 71/06/30 | 09 55 | 0003 | 21.00 | 0.88 | 8.40 | 10.00 | 67 | | | | | |
| 71/08/03 | 14 15 | 0003 | 33.00 | 0.00 | 8.00 | 14.00 | 69 | | | | | |
| 71/09/28 | 11 15 | 0003 | 16.00 | 0.86 | 4.40 | 14.00 | 53 | | | | | |
| 71/10/26 | 11 15 | 0003 | 5.20 | 0.36 | 1.30 | 5.40 | 48 | | | | | |
| 72/03/22 | 09 30 | 0003 | 1.80 | 0.39 | 0.69 | 3.50 | 33 | | | | | |
| 72/05/22 | 13 10 | 0003 | 15.00 | 0.11 | 2.40 | 3.80 | 79 | | | | | |
| 72/06/20 | 12 45 | 0003 | 14.00 | 0.81 | 4.30 | 6.30 | 68 | | | | | |
| 72/07/19 | 12 15 | 0003 | 11.00 | 0.43 | 3.40 | 3.70 | 75 | | | | | |
| 72/08/07 | 15 40 | 0003 | 29.00 | 0.35 | 7.90 | 7.60 | 79 | | | | | |
| 72/08/21 | 16 20 | 0003 | 30.00 | 0.71 | 9.70 | 8.50 | 77 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/20 | 14 25 | 0003 | 44.00 | 1.80 | 12.00 | 13.00 | 76 | | | | | |
| 72/10/18 | 13 30 | 0003 | 9.20 | | | 5.00 | 64 | | | | | |
| 72/11/16 | 12 15 | 0003 | 5.20 | 0.41 | 0.77 | 3.50 | 59 | | | | | |
| 72/12/13 | 11 10 | 0003 | 1.10 | 0.25 | 0.47 | 1.70 | 39 | | | | | |
| 73/01/15 | 11 20 | 0003 | 1.20 | | | 1.80 | 40 | | | | | |
| 73/03/15 | 12 00 | 0003 | 2.30 | | | 2.00 | 54 | 0.54M | 0.00 | 0.00 | 0.54 | 0.09 |
| 73/03/28 | 10 05 | 0003 | 2.50 | | | 1.70 | 58 | | | | | |
| 73/04/11 | 13 05 | 0003 | 6.40 | | | 4.50 | 59 | 0.31 | 0.56 | 0.62 | 0.25 | 0.04 |
| 73/04/25 | 10 45 | 0003 | 18.00 | | | 10.00 | 64 | | | | | |
| | 10 46 | 0015 | 16.00 | | | 14.00 | 54 | | | | | |
| | 10 47 | 0025 | 9.80 | | | 5.90 | 62 | | | | | |
| | 10 48 | 0030 | 11.00 | | | 9.10 | 56 | | | | | |
| 73/05/09 | 11 40 | 0003 | 16.00 | | | 11.00 | 59 | 0.50M | 1.26 | 1.29 | 1.76 | 0.28 |
| 73/05/30 | 15 45 | 0003 | 42.00 | | | 22.00 | 65 | | | | | |
| 73/06/12 | 16 25 | 0003 | 15.00 | | | 13.00 | 53 | 1.50M | 1.65 | 1.49 | 3.15 | 0.50 |
| | 16 28 | 0030 | 8.50 | | | 10.00 | 45 | | | | | |
| 73/06/27 | 14 40 | 0003 | 20.00 | | | 7.50 | 73 | | | | | |
| | 14 41 | 0030 | 17.00 | | | 20.00 | 46 | | | | | |
| 73/07/11 | 14 20 | 0003 | 30.00 | | | 12.00 | 71 | 5.31M | 3.06 | 2.29 | 8.37 | 1.33 |
| | 14 23 | 0030 | 30.00 | | | 31.00 | 50 | | | | | |
| 73/08/07 | 14 40 | 0003 | 34.00 | | | 14.00 | 71 | 2.32M | 2.36 | 1.56 | 4.69 | 0.75 |
| | 14 43 | 0030 | 7.70 | | | 4.30 | 64 | | | | | |
| 73/08/22 | 11 30 | 0003 | 20.00 | | | 8.90 | 69 | | | | | |
| | 11 33 | 0030 | 15.00 | | | 16.00 | 48 | | | | | |
| 73/09/05 | 13 30 | 0003 | 31.00 | | | 12.00 | 72 | 0.51M | 2.93 | 2.39 | 3.43 | 0.55 |
| | 13 35 | 0030 | 6.90 | | | 4.50 | 60 | | | | | |
| 73/09/19 | 10 00 | 0003 | 38.00 | | | 11.00 | 77 | | | | | |
| 73/10/03 | 12 05 | 0003 | 27.00 | | | 8.40 | 76 | 0.36 | 1.67 | 1.16 | 1.31 | 0.21 |
| 73/10/31 | 08 00 | 0003 | 8.30 | | | 5.00 | 62 | | | | | |
| | 08 01 | 0010 | 5.40 | | | 3.70 | 59 | | | | | |
| | 08 02 | 0013 | 5.80 | | | 5.50 | 51 | | | | | |
| | 08 03 | 0020 | 5.80 | | | 6.20 | 49 | | | | | |
| | 08 04 | 0030 | 6.00 | | | 8.70 | 41 | | | | | |
| 73/12/05 | 13 00 | 0003 | 1.20 | | | 0.88 | 59 | | | | | |
| | 13 01 | 0015 | 1.10 | | | 1.30 | 45 | | | | | |
| | 13 02 | 0030 | 0.86 | | | 1.10 | 43 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/01/16 | 09 35 | 0003 | 1.10 | | | 1.10 | 49 | | | | | |
| 74/02/15 | 11 45 | 0003 | 1.50 | | | 0.40 | 79 | | | | | |
| 74/03/20 | 13 55 | 0003 | 2.40 | | | 2.00 | 54 | | | | | |
| 74/04/03 | 13 05 | 0003 | 3.00 | | | 1.70 | 63 | | | | | |
| 74/04/18 | 13 30 | 0003 | 3.70 | | | 1.90 | 65 | | | | | |
| 74/05/01 | 12 40 | 0003 | 9.20 | | | 8.70 | 51 | | | | | |
| 74/05/15 | 11 15 | 0003 | 25.00 | | | 14.00 | 64 | | | | | |
| 74/06/13 | 10 50 | 0003 | 21.00 | | | 10.00 | 68 | | | | | |
| 74/06/27 | 10 50 | 0003 | 11.00 | | | 11.00 | 49 | | | | | |
| 74/07/11 | 09 00 | 0003 | 14.00 | | | 6.10 | 70 | | | | | |
| 74/07/25 | 09 35 | 0003 | 21.00 | | | 9.10 | 70 | | | | | |
| 74/08/14 | 13 55 | 0003 | 23.00 | | | 4.50 | 84 | | | | | |
| 74/08/28 | 14 00 | 0003 | 44.00 | | | 12.00 | 78 | | | | | |
| 74/09/11 | 14 15 | 0003 | 19.00 | | | 8.60 | 69 | | | | | |
| 74/09/25 | 12 55 | 0003 | 20.00 | | | 8.90 | 69 | | | | | |
| 74/10/09 | 11 20 | 0003 | 9.20 | | | 9.80 | 49 | | | | | |
| 74/10/23 | 10 50 | 0003 | 6.40 | | | 4.90 | 57 | | | | | |
| 74/11/21 | 10 15 | 0003 | 1.60 | | | 1.50 | 51 | | | | | |
| 74/12/11 | 13 30 | 0003 | 1.90 | | | 2.50 | 44 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMRNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/15 | 12 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/28 | 10 05 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 132 | 144 |
| 73/04/11 | 13 05 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 242 | 272 |
| 73/04/25 | 10 45 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 756 | 768 |
| 73/05/09 | 11 40 | 0003 | 48 | 0 | 0 | 0 | 60 | 12 | 1200 | 1320 |
| 73/05/30 | 15 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1512 | 1512 |
| 73/06/12 | 16 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1860 | 1860 |
| 73/06/27 | 14 40 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 720 | 732 |
| 73/07/11 | 14 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1056 | 1056 |
| 73/08/07 | 14 40 | 0003 | 36 | 0 | 0 | 0 | 24 | 0 | 1020 | 1080 |
| 73/08/22 | 11 30 | 0003 | 24 | 0 | 0 | 0 | 36 | 0 | 984 | 1044 |
| 73/09/05 | 13 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1030 | 1030 |
| 73/09/19 | 10 00 | 0003 | 76 | 0 | 0 | 0 | 0 | 0 | 3814 | 3890 |
| 73/10/03 | 12 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/10/31 | 08 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 69 |
| 73/12/05 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 66 |
| 74/01/16 | 09 35 | 0003 | 81 | 0 | 0 | 0 | 0 | 0 | 40 | 121 |
| 74/02/15 | 11 45 | 0003 | 51 | 0 | 0 | 0 | 0 | 0 | 101 | 152 |
| 74/03/20 | 13 55 | 0003 | 87 | 0 | 39 | 0 | 0 | 0 | 165 | 291 |
| 74/04/03 | 13 05 | 0003 | 23 | 0 | 23 | 0 | 0 | 0 | 115 | 322 |
| 74/04/18 | 13 30 | 0003 | 44 | 0 | 0 | 220 | 22 | 0 | 44 | 330 |
| 74/05/01 | 12 40 | 0003 | 66 | 0 | 0 | 0 | 22 | 0 | 682 | 770 |
| 74/05/15 | 11 15 | 0003 | 264 | 0 | 0 | 0 | 0 | 0 | 5016 | 5280 |
| 74/06/13 | 10 50 | 0003 | 484 | 0 | 0 | 0 | 0 | 0 | 2112 | 2596 |
| 74/06/27 | 10 50 | 0003 | 163 | 0 | 0 | 25 | 0 | 0 | 1189 | 1377 |
| 74/07/11 | 09 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1034 | 1034 |
| 74/07/25 | 09 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1760 | 1760 |
| 74/08/14 | 13 55 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 4312 | 4356 |
| 74/08/28 | 14 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 4620 | 4620 |
| 74/09/11 | 14 15 | 0003 | 44 | 0 | 0 | 88 | 0 | 0 | 1958 | 2090 |
| 74/09/25 | 12 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2662 | 2662 |
| 74/10/09 | 11 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2904 | 2904 |
| 74/10/23 | 10 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2354 | 2354 |
| 74/11/21 | 10 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 110 | 110 |
| 74/12/11 | 13 30 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 528 | 550 |

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/07 | | | 0.0177 | | | |
| 69/02/04 | | | 0.0000 | | | |
| 69/03/07 | | | 0.0005 | | | |
| 69/05/24 | | | 0.2242 | | | |
| 69/06/23 | | | 0.1135 | | | |
| 69/07/22 | | | 0.0547 | | | |
| 69/08/18 | | | 0.0173 | | | |
| 69/09/16 | | | 0.0726 | | | |
| 69/10/19 | | | 0.0146 | | | |
| 69/11/17 | | | 0.0302 | | | |
| 69/12/20 | | | 0.0012 | | | |
| 70/01/15 | | | 0.0046 | | | |
| 70/02/14 | | | 0.0009 | | | |
| 70/03/17 | | | 0.0890 | | | |
| 70/04/15 | | | 0.0528 | | | |
| 70/05/15 | | | 0.0212 | | | |
| 70/06/12 | | | 0.0011 | | | |
| 70/07/11 | | | 0.0039 | | | |
| 70/08/23 | | | 0.0037 | | | |
| 70/09/21 | | | 0.0421 | | | |
| 70/10/22 | | | 0.0423 | | | |
| 70/11/19 | | | 0.0289 | | | |
| 70/12/22 | | | 0.0251 | | | |
| 71/01/21 | | | 0.0079 | | | |
| 71/02/21 | | | 0.0122 | | | |
| 71/03/07 | | | 0.0312 | | | |
| 71/04/07 | | | 0.0153 | 0.02L | 0.01L | 0.49L |
| 71/05/06 | | | 0.0619 | 0.20L | 0.00L | 31.13L |
| 71/06/05 | | | 0.0058 | 0.10L | 0.26L | 9.63L |
| 71/07/01 | | | 0.0828 | 0.00L | 0.33L | 41.93L |
| 71/08/01 | | | 0.0220J | 4.01L | 0.00L | 53.36L |
| 71/09/03 | | | 0.0821 | 0.00L | 0.17L | 15.14L |
| 71/10/19 | | | 0.0073 | 0.00 | 0.00 | 7.00 |
| 71/11/08 | | | 0.0008 | 0.00L | 0.00L | 3.16L |
| 71/12/15 | | | 0.0039 | 0.13L | 0.00L | 1.51L |
| 72/01/13 | | | 0.0069 | 3.88 | 0.00 | 13.65 |

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/11 | | | 0.0033 | 1.22 | 0.00 | 12.42 |
| 72/03/14 | | | 0.0059 | 1.00 | 0.00 | 59.00 |
| 72/04/11 | | | 0.0281 | 2.28 | 0.00 | 41.11 |
| 72/04/24 | | | 0.0142 | 1.81 | 0.00 | 23.01 |
| 72/05/09 | | | 0.0043 | 0.99 | 0.00 | 61.91 |
| 72/05/23 | | | 0.0081 | 34.16 | 0.00 | 78.58 |
| 72/06/08 | | | 0.0017 | 20.00 | 97.00 | 18.38L |
| 72/06/22 | | | 0.0008 | 16.79 | 0.00 | 97.74 |
| 72/07/08 | | | 0.0020 | 150.70 | 0.00 | 160.00 |
| 72/07/20 | | | 0.0105 | 20.97 | 0.00 | 88.05 |
| 72/08/04 | | | 0.0049 | 35.96 | 0.00 | 73.53 |
| 72/08/17 | | | 0.0048 | 23.36 | 0.00 | 73.30 |
| 72/09/15 | | | 0.0391 | 180.90 | 0.05 | 80.49 |
| 72/09/30 | | | 0.0344 | 17.72 | 0.05 | 40.73 |
| 72/10/17 | | | 0.0600 | 0.72 | 0.00 | 17.30 |
| 72/11/02 | | | 0.0402 | 40.00 | 0.00 | 6.00 |
| 72/11/17 | | | 0.0516 | 2.00 | 0.00 | 10.00 |
| 72/12/22 | | | 0.0284 | 4.00 | 0.08 | 36.00 |
| 73/03/17 | | | 0.0186 | 8.93 | 0.23 | 103.30 |
| 73/04/12 | | | 0.1286 | 5.88 | 0.00 | 106.30 |
| 73/04/27 | | | 0.1824 | 4.71 | 0.00 | 61.49 |
| 73/05/11 | | | 0.0378 | 53.06 | 0.00 | 45.84 |
| 73/05/29 | | | 0.0621 | 292.40 | 0.02 | 58.68 |
| 73/06/11 | | | 0.0070 | 229.80 | 0.00 | 19.58 |
| 73/06/28 | | | 0.0095 | 242.40 | 0.00 | 125.50 |
| 73/07/11 | | | 0.0063 | 49.26 | 0.00 | 115.20 |
| 73/07/26 | | | 0.0055 | 40.00 | 0.00 | 71.00 |
| 73/08/09 | | | 0.0011 | 142.30 | 0.00 | 84.83 |
| 73/08/23 | | | 0.0043 | 42.40 | 0.00 | 98.14 |
| 73/09/07 | | | 0.0204 | 49.23 | 0.00 | 40.00 |
| 73/09/20 | | | 0.0319 | 137.00 | 0.00 | 74.67 |
| 73/10/04 | | | 0.0435 | 272.10 | 0.00 | 41.19 |
| 73/10/19 | | | 0.0188 | 80.11 | 0.00 | 51.22 |
| 73/11/20 | | | 0.0479 | 32.81 | 0.47 | 14.63 |
| 74/03/18 | | | 0.2704 | 26.23 | 0.00 | 404.30 |
| 74/04/03 | | | 0.0017 | 75.75 | 0.65 | 22.95 |

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

113BUREC 04001004
0030 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0080 | 0.85L | 0.53L | 1.93L |
| 74/05/17 | | | 0.3943 | 326.40 | 0.90 | 100.90 |
| 74/05/30 | | | 0.2712 | 283.40 | 0.00 | 124.60 |
| 74/06/17 | | | 0.0661 | 707.30 | 0.10 | 153.60 |
| 74/06/27 | | | 0.1111 | 991.00 | 0.54 | 139.20 |
| 74/07/12 | | | 0.0755 | 143.60L | 2.21L | 74.59L |
| 74/07/26 | | | 0.1336 | 127.90 | 0.00 | 82.82 |
| 74/08/13 | | | 0.0253 | 241.90 | 0.00 | 86.44 |
| 74/08/27 | | | 0.0573 | 383.40 | 0.00 | 72.04 |
| 74/09/16 | | | 0.0919 | 139.40 | 0.11 | 175.50 |
| 74/09/25 | | | 0.0184 | | | |
| 74/10/09 | | | 0.2570 | 64.84 | 0.00 | 106.30 |
| 74/10/24 | | | 0.1458 | 454.00 | 0.00 | 809.60 |
| 74/11/21 | | | 0.0061 | 1.15 | 0.00 | 8.06 |

STORET RETRIEVAL DATE 77/03/14

052502 D2 44
38 03 58.0 122 03 00.0 2
SUISUN BAY NEAR PRESTON POINT-D2
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 09 45 | 0003 | 1.1 | | | | | | | | |
| 68/10/30 | 11 30 | 0003 | 1.4 | | | | | | | | |
| 68/11/25 | 09 50 | 0003 | 1.5 | | | | | | | | |
| 68/12/18 | 13 10 | 0003 | 1.0 | | | | | | | | |
| 69/01/28 | 11 40 | 0003 | 1.6 | | | | | | | | |
| 69/02/26 | 10 35 | 0003 | 1.9 | | | | | | | | |
| 69/03/27 | 10 55 | 0003 | 1.6 | | | | | | | | |
| 69/05/08 | 08 05 | 0003 | 0.8 | | | | | | | | |
| 69/06/10 | 14 25 | 0003 | 1.6 | | | | | | | | |
| 69/07/22 | 10 45 | 0003 | 1.8 | | | | | | | | |
| 69/08/19 | 09 00 | 0003 | 1.9 | | | | | | | | |
| 69/09/17 | 08 40 | 0003 | 1.7 | | | | | | | | |
| 69/10/21 | 14 15 | 0003 | 1.3 | | | | | | | | |
| 69/11/20 | 12 20 | 0003 | 1.3 | | | | | | | | |
| 70/02/11 | 08 55 | 0003 | 0.5 | | | | | | | | |
| 70/03/16 | 11 20 | 0003 | 0.6 | | | | | | | | |
| 70/04/15 | 10 30 | 0003 | 0.8 | | | | | | | | |
| 70/05/20 | 16 55 | 0003 | 1.0 | | | | | | | | |
| 70/06/17 | 15 45 | 0003 | 2.1 | | | | | | | | |
| 70/07/16 | 16 05 | 0003 | 1.7 | | | | | | | | |
| 70/08/14 | 14 55 | 0003 | 1.9 | | | | | | | | |
| 70/09/11 | 13 50 | 0003 | 1.2 | | | | | | | | |
| 70/10/09 | 12 45 | 0003 | 2.0 | | | | | | | | |
| 73/04/11 | 13 05 | 0003 | 1.6 | | | | | | | | |
| 73/05/09 | 11 40 | 0003 | 1.1 | | | | | | | | |
| 73/08/07 | 14 40 | 0003 | 1.8 | | | | | | | | |
| 73/09/05 | 13 30 | 0003 | 1.4 | | | | | | | | |
| 73/10/03 | 12 05 | 0003 | 1.4 | | | | | | | | |
| 73/12/05 | 13 00 | 0003 | 1.1 | | | | | | | | |
| 74/01/16 | 09 35 | 0003 | 1.2 | | | | | | | | |
| 74/02/15 | 11 45 | 0003 | 0.7 | | | | | | | | |
| 74/03/20 | 13 55 | 0003 | 1.4 | | | | | | | | |
| 74/04/03 | 13 05 | 0003 | 1.3 | | | | | | | | |
| 74/05/01 | 12 40 | 0003 | 0.9 | | | | | | | | |
| 74/06/13 | 10 50 | 0003 | 1.4 | | | | | | | | |
| 74/07/11 | 09 00 | 0003 | 0.8 | | | | | | | | |
| 74/08/14 | 13 55 | 0003 | 1.3 | | | | | | | | |
| 74/09/11 | 14 15 | 0003 | 1.2 | | | | | | | | |
| 74/10/09 | 11 20 | 0003 | 1.2 | | | | | | | | |
| 74/12/11 | 13 30 | 0003 | 0.8 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052500 D6
38 02 40.0 122 07 00.0 2
OFF BULLS HEAD NR MARTINEZ-D6
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 07 00 LATITUDE - 38 02 40

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED NEAR AN INDUSTRIAL AREA, IN A NAVIGATION CHANNEL.

SAMPLING POINT - SUISUN BAY, BULLS HEAD CHANNEL, 300 YDS. EAST OF S.P.

RR BRIDGE AT BENICIA, NEXT TO R N "2". DEPTH AT SITE IS 25 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY

METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY

PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

FOR LABORATORY PERFORMING ANALYSIS, SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052500 D6
38 02 40.0 122 07 00.0 2
OFF BULLS HEAD NR MARTINEZ-D6
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/10/30 | 10 45 | 0003 | 6.08C | | | | | | | | | | |
| 68/11/25 | 09 20 | 0003 | 5.40C | | | | | | | | | | |
| 68/12/18 | 12 45 | 0003 | 3.04C | | | | | | | | | | |
| 69/01/28 | 10 55 | 0003 | 1.44C | | | | | | | | | | |
| 69/02/26 | 09 55 | 0003 | 2.13C | | | | | | | | | | |
| 69/03/27 | 09 30 | 0003 | 1.98C | | | | | | | | | | |
| 69/05/08 | 07 25 | 0003 | 8.36C | | | | | | | | | | |
| 69/05/14 | 16 45 | 0003 | | | | | | 1.02M | 1.80 | 2.91 | 2.82 | 0.38 | — |
| 69/06/11 | 14 45 | 0003 | 6.08C | | | | | 1.42M | 0.78 | 1.29 | 2.20 | 0.30 | .21 |
| 69/07/23 | 11 30 | 0003 | 30.40C | | | | | 1.82 | 9.23 | 5.43 | 7.41 | 1.00 | .17 |
| 69/08/20 | 10 40 | 0003 | 33.44C | | | | | 0.66M | 4.08 | 5.52 | 4.74 | 0.64 | .16 |
| 69/09/18 | 09 35 | 0003 | 21.00 | 2.40M | 7.40 | 6.70 | 76 | 1.15M | 2.70 | 3.12 | 3.85 | 0.52 | .14 |
| 69/10/21 | 13 25 | 0003 | 3.60 | 0.13M | 2.00 | 3.40 | 51 | | | | | | |
| 69/11/20 | 11 20 | 0003 | 3.27C | | | | | | | | | | .17 |
| 70/02/11 | 08 10 | 0003 | 3.57C | | | | | | | | | | |
| 70/03/16 | 10 35 | 0003 | 2.05C | | | | | | | | | | |
| 70/04/16 | 12 15 | 0003 | 5.32C | | | | | 0.45 | 1.30 | 0.80 | 0.85 | 0.11 | .15 |
| 70/05/18 | 14 50 | 0003 | 8.60 | 0.50 | 3.70 | 3.40 | 71 | 0.85 | 5.30 | 2.70 | 4.44 | 0.60 | .31 |
| 70/06/15 | 14 20 | 0003 | 17.00 | 0.26 | 5.40 | 3.10 | 84 | 2.38 | 5.71 | 2.32 | 3.33 | 0.45 | .13 |
| 70/07/15 | 14 55 | 0003 | 11.00 | 0.03 | 3.40 | 3.20 | 79 | 1.78 | 6.97 | 4.20 | 5.18 | 0.70 | .32 |
| 70/08/13 | 14 25 | 0003 | 11.00 | 0.07M | 3.70 | 4.20 | 73 | 5.73 | 8.88 | 6.43 | 3.15 | 0.43 | .58 |
| 70/09/09 | 12 30 | 0003 | 13.00 | 0.05M | 2.80 | 4.20 | 76 | 0.18M | 2.72 | 3.07 | 2.90 | 0.39 | .23 |
| 70/10/07 | 10 45 | 0003 | 31.00 | 0.78M | 9.00 | 9.60 | 76 | 1.94 | 3.79 | 3.89 | 1.85 | 0.25 | .12 |
| 70/11/20 | 10 35 | 0003 | 4.60 | 0.07 | 2.30 | 2.80 | 63 | | | | | | |
| 71/03/04 | 08 25 | 0003 | 1.40 | | | 1.30 | 53 | | | | | | .27 |
| 71/03/24 | 13 00 | 0003 | 2.20 | 0.84 | 0.00 | 3.30 | 40 | | | | | | |
| 71/04/06 | 11 30 | 0003 | 4.20 | 0.60 | 2.20 | 1.60 | 72 | | | | | | |
| 71/04/21 | 12 05 | 0003 | 10.00 | 0.00 | 2.20 | 3.60 | 74 | | | | | | |
| 71/05/04 | 11 05 | 0003 | 6.70 | 0.00 | 1.70 | 4.90 | 57 | 1.15M | 0.82 | 1.10 | 1.98 | 0.27 | .16 |
| 71/05/19 | 12 45 | 0003 | 8.00 | 0.00 | 2.60 | 6.60 | 55 | | | | | | |
| 71/06/02 | 11 05 | 0003 | 5.90 | 0.00 | 0.95 | 5.30 | 52 | 1.16M | 2.17 | 2.10 | 3.33 | 0.45 | .35 |
| 71/06/16 | 11 00 | 0003 | 11.00 | 1.90 | 10.00 | 5.10 | 69 | | | | | | |
| 71/06/30 | 09 25 | 0003 | 10.00 | 0.52 | 3.50 | 3.80 | 72 | 2.78 | 3.76 | 2.45 | 0.99 | 0.13 | .24 |
| 71/07/15 | 11 15 | 0003 | 7.00 | 0.26 | 0.75 | 3.80 | 64 | | | | | | |
| 71/08/03 | 13 45 | 0003 | 16.00 | 0.00 | 4.50 | 4.70 | 77 | 1.18M | 4.57 | 3.20 | 5.75 | 0.78 | .20 3.36 |
| 71/08/17 | 15 35 | 0003 | 9.50 | 0.00 | 4.00 | 3.50 | 72 | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052500 D6
38 02 40.0 122 07 00.0 2
OFF BULLS HEAD NR MARTINEZ-D6
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/08/31 | 12 45 | 0003 | 19.00 | 0.00 | 5.50 | 6.90 | 73 | 0.39M | 3.50 | 3.10 | 3.89 | 0.53 | 3.00 | .16 |
| 71/09/15 | 14 15 | 0003 | 6.80 | 0.15 | 2.10 | 4.80 | 58 | | | | | | | |
| 71/09/28 | 10 50 | 0003 | 11.00 | 0.00 | 1.60 | 6.00 | 64 | 0.34M | 1.75 | 1.90 | 2.09 | 0.28 | 2.00 | .17 |
| 71/10/15 | 13 10 | 0003 | 3.60 | 0.15 | 0.86 | 4.20 | 46 | | | | | | | |
| 71/10/26 | 10 45 | 0003 | 1.70 | 0.08 | 0.28 | 1.60 | 51 | 0.12M | 0.49 | 0.18 | 0.61 | 0.08 | 0.30 | .10 |
| 71/11/17 | 14 15 | 0003 | 1.30 | 0.06 | 0.16 | 0.92 | 58 | | | | | | | |
| 71/12/13 | 12 45 | 0003 | 2.10 | 0.15 | 0.87 | 2.00 | 51 | | | | | | | .19 |
| 72/01/10 | 12 35 | 0003 | 0.75 | 0.20 | 0.84 | 1.70 | 30 | | | | | | | |
| 72/02/11 | 12 45 | 0003 | 1.50 | 0.33 | 1.10 | 1.10 | 57 | | | | | | | |
| 72/03/09 | 10 15 | 0003 | 2.00 | 0.54 | 1.20 | 0.62 | 76 | | | | | | | |
| 72/03/22 | 09 05 | 0003 | 2.30 | 0.27 | 0.61 | 2.10 | 52 | 0.69M | 0.59 | 0.42 | 1.28 | 0.17 | | .36 |
| 72/04/10 | 14 20 | 0003 | 2.70 | 0.33 | 1.10 | 3.00 | 46 | | | | | | | |
| 72/04/24 | 13 30 | 0003 | 2.50 | 0.20 | 0.42 | 0.92 | 73 | 0.33 | 1.27 | 0.36 | 0.95 | 0.13 | | .28 |
| 72/05/09 | 13 15 | 0003 | 6.80 | 0.00 | 2.00 | 1.80 | 79 | | | | | | | |
| 72/05/22 | 12 40 | 0003 | 6.00 | 0.20 | 0.86 | 3.00 | 66 | 0.89 | 2.55 | 0.59 | 1.66 | 0.22 | | .18 |
| 72/06/07 | 13 25 | 0003 | 13.00 | 0.51 | 4.20 | 3.20 | 80 | | | | | | | |
| 72/06/20 | 12 05 | 0003 | 4.90 | 0.20 | 1.70 | 2.00 | 70 | 0.27M | 2.14 | 0.49 | 2.41 | 0.33 | | .20 |
| 72/07/07 | 15 30 | 0003 | 8.00 | 0.71 | 1.80 | 4.10 | 65 | | | | | | | |
| 72/07/19 | 11 35 | 0003 | 3.50 | 0.12 | 0.68 | 1.90 | 65 | 3.27M | 2.28 | 0.45 | 5.55 | 0.75 | | .24 |
| 72/08/07 | 15 15 | 0003 | 8.70 | 0.00 | 1.80 | 2.00 | 81 | | | | | | | |
| 72/08/21 | 15 50 | 0003 | 6.30 | 0.15 | 2.00 | 2.30 | 72 | 0.11 | 2.84 | 0.45 | 2.73 | 0.37 | | .14 |
| 72/09/07 | 16 25 | 0003 | 3.30 | 0.33 | 1.00 | 1.50 | 68 | | | | | | | |
| 72/09/20 | 14 00 | 0003 | 17.00 | 1.50 | 5.20 | 4.50 | 79 | 0.25 | 3.07 | 1.08 | 2.82 | 0.38 | | .12 |
| 72/10/04 | 14 30 | 0003 | 6.40 | 0.21 | 1.60 | 2.40 | 72 | | | | | | | |
| 72/10/18 | 13 00 | 0003 | 2.40 | 0.23 | 0.67 | 1.70 | 58 | | | | | | | .21 |
| 72/11/16 | 11 40 | 0003 | 1.00 | 0.13 | 0.45 | 1.30 | 43 | | | | | | | |
| 72/12/13 | 10 45 | 0003 | 0.69 | 0.23 | 0.75 | 1.20 | 36 | | | | | | | |
| 73/01/15 | 10 50 | 0003 | 0.79 | | | 1.50 | 34 | | | | | | | |
| 73/02/14 | 13 15 | 0003 | 1.60 | | | 1.90 | 47 | | | | | | | |
| 73/03/15 | 11 30 | 0003 | 1.50 | | | 1.50 | 50 | 0.27M | 0.03 | 0.04 | 0.30 | 0.04 | | .04 |
| 73/03/28 | 09 40 | 0003 | 1.30 | | | 1.20 | 53 | | | | | | | |
| 73/04/11 | 12 40 | 0003 | 4.60 | | | 4.60 | 50 | 0.19 | 0.54 | 0.49 | 0.35 | 0.05 | | .20 |
| 73/04/25 | 10 05 | 0003 | 7.90 | | | 4.00 | 66 | | | | | | | |
| 73/05/09 | 11 10 | 0003 | 11.00 | | | 5.60 | 66 | 0.11 | 1.99 | 1.16 | 1.88 | 0.25 | | .20 |
| 73/05/30 | 15 10 | 0003 | 16.00 | | | 5.30 | 75 | | | | | | | |
| 73/06/12 | 16 00 | 0003 | 4.90 | | | 1.60 | 75 | 0.54M | 2.08 | 0.76 | 2.61 | 0.35 | | .30 |

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/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/06/12 | 16 03 | 0025 | 4.10 | | | 3.90 | 51 | | | | | | |
| 73/06/27 | 14 10 | 0003 | 11.00 | | | 3.70 | 75 | | | | | | |
| | 14 11 | 0025 | 7.90 | | | 7.60 | 51 | | | | | | |
| 73/07/11 | 13 55 | 0003 | 13.00 | | | 5.40 | 71 | 2.12M | 4.94 | 2.11 | 7.06 | 0.95 | .32 |
| | 13 57 | 0025 | 12.00 | | | 10.00 | 55 | | | | | | |
| 73/08/07 | 14 10 | 0003 | 5.90 | | | 4.40 | 57 | 1.86 | 4.28 | 1.41 | 2.42 | 0.33 | .46 |
| | 14 13 | 0025 | 1.80 | | | 1.80 | 50 | | | | | | |
| 73/08/22 | 11 00 | 0003 | 4.90 | | | 2.80 | 63 | | | | | | |
| | 11 03 | 0025 | 3.80 | | | 4.60 | 45 | | | | | | |
| 73/09/05 | 13 05 | 0003 | 6.40 | | | 3.20 | 66 | 0.49 | 3.06 | 1.22 | 2.57 | 0.35 | .38 |
| | 13 08 | 0025 | 2.00 | | | 2.00 | 49 | | | | | | |
| 73/09/19 | 09 35 | 0003 | 13.00 | | | 4.50 | 75 | | | | | | |
| 73/10/03 | 11 40 | 0003 | 12.00 | | | 4.70 | 73 | 0.52 | 2.35 | 1.20 | 1.82 | 0.25 | .20 |
| 73/10/31 | 07 35 | 0003 | 3.30 | | | 1.80 | 65 | | | | | | |
| | 07 36 | 0025 | 2.30 | | | 4.50 | 34 | | | | | | .26 |
| 73/12/05 | 12 30 | 0003 | 1.10 | | | 1.10 | 49 | | | | | | |
| 74/01/16 | 09 10 | 0003 | 0.86 | | | 1.30 | 40 | | | | | | |
| 74/02/15 | 11 15 | 0003 | 1.10 | | | 0.88 | 56 | | | | | | |
| 74/03/20 | 13 10 | 0003 | 2.10 | | | 1.40 | 60 | | | | | | |
| 74/04/03 | 12 30 | 0003 | 3.50 | | | 1.60 | 68 | | | | | | |
| 74/04/18 | 13 05 | 0003 | 2.60 | | | 1.50 | 63 | | | | | | |
| 74/05/01 | 12 15 | 0003 | 5.00 | | | 2.50 | 66 | | | | | | |
| 74/05/15 | 10 50 | 0003 | 5.80 | | | 4.30 | 57 | | | | | | |
| 74/06/13 | 10 30 | 0003 | 13.00 | | | 6.00 | 68 | | | | | | |
| 74/06/27 | 10 30 | 0003 | 6.00 | | | 3.00 | 66 | | | | | | |
| 74/07/11 | 08 30 | 0003 | 8.40 | | | 3.00 | 74 | | | | | | |
| 74/07/25 | 09 00 | 0003 | 4.70 | | | 2.00 | 70 | | | | | | |
| 74/08/14 | 13 30 | 0003 | 19.00 | | | 6.80 | 74 | | | | | | |
| 74/08/28 | 13 40 | 0003 | 31.00 | | | 9.60 | 77 | | | | | | |
| 74/09/11 | 13 45 | 0003 | 11.00 | | | 5.00 | 70 | | | | | | |
| 74/09/25 | 12 35 | 0003 | 6.10 | | | 4.00 | 60 | | | | | | |
| 74/10/09 | 10 55 | 0003 | 4.40 | | | 4.40 | 50 | | | | | | |
| 74/10/23 | 10 30 | 0003 | 2.00 | | | 1.00 | 65 | | | | | | |
| 74/11/21 | 09 55 | 0003 | 1.40 | | | 1.10 | 56 | | | | | | |
| 74/12/11 | 12 55 | 0003 | 1.10 | | | 1.50 | 42 | | | | | | |

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OFF BULLS HEAD NR MARTINEZ-D6
06 CALIFORNIA
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/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/25 | 09 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 430 |
| 68/12/18 | 12 45 | 0003 | 0 | 0 | 0 | 0 | 10 | 0 | 90 | 100 |
| 69/01/28 | 10 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 130 | 130 |
| 69/02/26 | 09 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 110 | 110 |
| 69/03/27 | 09 30 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 20 | 40 |
| 69/05/08 | 07 25 | 0003 | 40 | 0 | 0 | 0 | 10 | 0 | 820 | 870 |
| 69/06/11 | 14 45 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 400 | 410 |
| 69/07/23 | 11 30 | 0003 | 110 | 0 | 10 | 40 | 0 | 270 | 630 | 1060 |
| 69/08/20 | 10 40 | 0003 | 120 | 0 | 0 | 0 | 20 | 0 | 3060 | 3200 |
| 69/09/18 | 09 35 | 0003 | 10 | 0 | 0 | 10 | 0 | 0 | 2860 | 2880 |
| 69/10/21 | 13 25 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 450 | 500 |
| 70/02/11 | 08 10 | 0003 | 0 | 0 | 30 | 0 | 30 | 0 | 150 | 210 |
| 70/03/16 | 10 35 | 0003 | 180 | 0 | 0 | 0 | 120 | 0 | 300 | 600 |
| 70/04/16 | 12 15 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 60 | 90 |
| 70/05/18 | 14 50 | 0003 | 0 | 0 | 0 | 0 | 210 | 0 | 90 | 300 |
| 70/06/15 | 14 20 | 0003 | 30 | 0 | 0 | 0 | 480 | 0 | 150 | 660 |
| 70/07/15 | 14 55 | 0003 | 90 | 0 | 0 | 0 | 300 | 0 | 780 | 1170 |
| 70/08/13 | 14 25 | 0003 | 300 | 0 | 0 | 0 | 180 | 0 | 1110 | 1590 |
| 70/09/09 | 12 30 | 0003 | 390 | 0 | 0 | 0 | 450 | 0 | 2160 | 3000 |
| 70/10/07 | 10 45 | 0003 | 30 | 0 | 0 | 0 | 210 | 0 | 3420 | 3660 |
| 70/11/20 | 10 35 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 300 | 360 |
| 71/03/04 | 08 25 | 0003 | 60 | 0 | 0 | 0 | 240 | 0 | 150 | 450 |
| 71/04/06 | 11 30 | 0003 | 0 | 0 | 0 | 0 | 90 | 0 | 270 | 360 |
| 71/05/04 | 11 05 | 0003 | 60 | 0 | 0 | 0 | 330 | 0 | 600 | 990 |
| 71/06/02 | 11 05 | 0003 | 150 | 0 | 0 | 0 | 330 | 0 | 1230 | 1710 |
| 71/06/30 | 09 25 | 0003 | 180 | 0 | 0 | 0 | 510 | 0 | 2450 | 3140 |
| 71/08/03 | 13 45 | 0003 | 0 | 0 | 0 | 0 | 240 | 0 | 1290 | 1530 |
| 71/08/31 | 12 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1305 | 1305 |
| 71/09/28 | 10 50 | 0003 | 21 | 0 | 0 | 0 | 0 | 0 | 647 | 668 |
| 71/10/26 | 10 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 99 | 99 |
| 71/11/17 | 14 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71/12/13 | 12 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 203 | 203 |
| 72/01/10 | 12 35 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 20J | 20J |
| 72/03/09 | 10 15 | 0003 | 0J | 0J | 0J | 14J | 34J | 0J | 30J | 78J |
| 72/03/22 | 09 05 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 62J | 62J |
| 72/04/24 | 13 30 | 0003 | 2J | 0J | 0J | 0J | 0J | 0J | 28J | 30J |

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OFF BULLS HEAD NR MARTINEZ-D6
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/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/05/22 | 12 40 | 0003 | 4J | 0J | 0J | 0J | 68J | 8J | 52J | 132J |
| 72/06/20 | 12 05 | 0003 | 0J | 0J | 0J | 0J | 12J | 0J | 40J | 52J |
| 72/07/19 | 11 35 | 0003 | 0J | 0J | 0J | 0J | 30J | 0J | 38J | 68J |
| 72/08/21 | 15 50 | 0003 | 34J | 0J | 0J | 0J | 80J | 0J | 66J | 180J |
| 72/09/20 | 14 00 | 0003 | 33 | 0 | 0 | 0 | 0 | 18 | 1215 | 1266 |
| 72/11/16 | 11 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/12/13 | 10 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/01/15 | 10 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/14 | 13 15 | 0003 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| 73/03/15 | 11 30 | 0003 | 61 | 10 | 10 | 0 | 0 | 0 | 171 | 252 |
| 73/03/28 | 09 40 | 0003 | 12 | 0 | 0 | 0 | 48 | 0 | 312 | 372 |
| 73/04/11 | 12 40 | 0003 | 10 | 0 | 10 | 0 | 0 | 0 | 171 | 191 |
| 73/04/25 | 10 05 | 0003 | 108 | 0 | 0 | 0 | 56 | 0 | 480 | 624 |
| 73/05/30 | 15 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 228 | 228 |
| 73/06/12 | 16 00 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 288 | 300 |
| 73/06/27 | 14 10 | 0003 | 0 | 0 | 0 | 0 | 12 | 12 | 288 | 312 |
| 73/07/11 | 13 55 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 816 | 876 |
| 73/08/07 | 14 10 | 0003 | 864 | 0 | 0 | 0 | 84 | 0 | 528 | 1476 |
| 73/08/22 | 11 00 | 0003 | 12 | 0 | 0 | 0 | 24 | 0 | 192 | 228 |
| 73/09/05 | 13 05 | 0003 | 24 | 0 | 0 | 0 | 60 | 0 | 552 | 636 |
| 73/09/19 | 09 35 | 0003 | 91 | 0 | 20 | 0 | 0 | 0 | 1010 | 1121 |
| 73/10/03 | 11 40 | 0003 | 61 | 0 | 0 | 0 | 0 | 0 | 313 | 374 |
| 73/10/31 | 07 35 | 0003 | 55 | 0 | 0 | 0 | 0 | 0 | 259 | 314 |
| 73/12/05 | 12 30 | 0003 | 40 | 0 | 5 | 0 | 0 | 0 | 10 | 55 |
| 74/01/16 | 09 10 | 0003 | 120 | 0 | 0 | 10 | 0 | 0 | 60 | 190 |
| 74/02/15 | 11 15 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 10 | 20 |
| 74/03/20 | 13 10 | 0003 | 91 | 0 | 10 | 0 | 0 | 0 | 192 | 293 |
| 74/04/03 | 12 30 | 0003 | 126 | 0 | 25 | 0 | 0 | 0 | 329 | 480 |
| 74/04/18 | 13 05 | 0003 | 88 | 0 | 0 | 22 | 22 | 0 | 286 | 418 |
| 74/05/01 | 12 15 | 0003 | 198 | 0 | 0 | 0 | 0 | 0 | 352 | 550 |
| 74/05/15 | 10 50 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 1628 | 1672 |
| 74/06/13 | 10 30 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 924 | 1012 |
| 74/06/27 | 10 30 | 0003 | 50 | 0 | 0 | 5 | 0 | 5 | 353 | 413 |
| 74/07/11 | 08 30 | 0003 | 45 | 5 | 0 | 10 | 0 | 0 | 483 | 543 |
| 74/07/25 | 09 00 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 374 | 418 |
| 74/08/14 | 13 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 528 | 528 |

STORET RETRIEVAL DATE 77/03/14

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38 02 40.0 122 07 00.0 2
OFF BULLS HEAD NR MARTINEZ-D6
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/08/28 | 13 40 | 0003 | 44 | 0 | 0 | 22 | 0 | 0 | 3718 | 3784 |
| 74/09/11 | 13 45 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 704 | 748 |
| 74/09/25 | 12 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 902 | 902 |
| 74/10/09 | 10 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 880 | 880 |
| 74/10/23 | 10 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 550 | 550 |
| 74/11/21 | 09 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 44 |
| 74/12/11 | 12 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 198 | 198 |

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113BUREC 04001004
0025 FEET DEPTH CLASS 00

/TYPA/AMANT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/03/24 | | | | 1.76L | 0.00L | 71.76L |
| 71/04/06 | | | | 6.47L | 0.00L | 27.65L |
| 71/04/21 | | | | 1.18L | 0.00L | 21.76L |
| 71/06/02 | | | | 31.18L | 0.00L | 21.18L |
| 71/06/16 | | | | 24.71L | 0.00L | 50.59L |
| 71/06/30 | | | | 3.53L | 0.00L | 27.65L |
| 71/07/15 | | | | 7.65L | 0.00L | 95.88L |
| 71/08/03 | | | | 1.76L | 0.00L | 87.65L |
| 71/08/17 | | | | 0.59L | 0.00L | 52.35L |
| 71/08/30 | | | | 2.35L | 0.00L | 75.88L |
| 71/09/15 | | | | 10.59L | 0.00L | 43.53L |
| 71/09/28 | | | | 12.35L | 0.59L | 55.88L |
| 71/10/14 | | | | 0.59L | 0.00L | 55.88L |
| 71/10/26 | | | | 1.18L | 0.00L | 41.76L |
| 71/12/13 | | | | 0.00L | 0.00L | 22.35L |
| 72/01/10 | | | | 8.23L | 0.00L | 5.29L |
| 72/02/09 | | | | 2.94L | 0.00L | 14.12L |

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052500 D6
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OFF BULLS HEAD NR MARTINEZ-D6
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/20 | 12 30 | 0003 | 1.1 | | | | | | | | |
| 68/08/16 | 15 10 | 0003 | 0.4 | | | | | | | | |
| 68/09/27 | 09 00 | 0003 | 0.4 | | | | | | | | |
| 68/10/30 | 10 45 | 0003 | 0.9 | | | | | | | | |
| 68/11/25 | 09 20 | 0003 | 1.0 | | | | | | | | |
| 68/12/18 | 12 45 | 0003 | 0.2 | | | | | | | | |
| 69/01/28 | 10 55 | 0003 | 1.7 | | | | | | | | |
| 69/02/26 | 09 55 | 0003 | 1.6 | | | | | | | | |
| 69/03/27 | 09 30 | 0003 | 0.8 | | | | | | | | |
| 69/05/08 | 07 25 | 0003 | 1.2 | | | | | | | | |
| 69/06/11 | 14 45 | 0003 | 1.5 | | | | | | | | |
| 69/07/23 | 11 30 | 0003 | 3.2 | | | | | | | | |
| 69/08/20 | 10 40 | 0003 | 2.5 | | | | | | | | |
| 69/09/18 | 09 35 | 0003 | 2.3 | | | | | | | | |
| 69/10/21 | 13 25 | 0003 | 1.4 | | | | | | | | |
| 69/11/20 | 11 20 | 0003 | 1.4 | | | | | | | | |
| 70/02/11 | 08 10 | 0003 | 0.6 | | | | | | | | |
| 70/03/16 | 10 35 | 0003 | 0.7 | | | | | | | | |
| 70/04/16 | 12 15 | 0003 | 1.4 | | | | | | | | |
| 70/05/18 | 14 50 | 0003 | 1.0 | | | | | | | | |
| 70/06/15 | 14 20 | 0003 | 2.3 | | | | | | | | |
| 70/07/15 | 14 55 | 0003 | 2.1 | | | | | | | | |
| 70/08/13 | 14 25 | 0003 | 1.8 | | | | | | | | |
| 70/09/09 | 12 30 | 0003 | 1.1 | | | | | | | | |
| 70/10/07 | 10 45 | 0003 | | 1.9 | | | | | | | |
| 70/11/20 | 10 35 | 0003 | 0.7 | | | | | | | | |
| 71/02/04 | 08 25 | | | | | | | 2.1 | | | |
| 71/03/04 | 08 25 | 0003 | | | 0.5 | 1.7 | 2.1 | | | 2.2 | |
| 71/04/06 | 11 30 | 0003 | 0.5 | | 0.8 | 1.0 | 1.7 | 2.3 | | | |
| 71/05/04 | 11 05 | 0003 | | | 1.3 | 2.2 | 2.6 | | 2.0 | | 3.1 |
| 71/06/02 | 11 05 | 0003 | | | 1.1 | 2.3 | 3.0 | | 3.6 | | 3.2 |
| 71/06/30 | 09 25 | 0003 | | | 2.8 | 2.1 | 2.7 | | 4.2 | | 4.4 |
| 71/08/03 | 13 45 | 0003 | | | 1.9 | 2.3 | 3.1 | | 3.6 | | 3.8 |
| 71/08/31 | 12 45 | 0003 | | | 1.7 | 4.6 | 2.7 | | 3.4 | | 5.2 |
| 71/09/28 | 10 50 | 0003 | | | 1.1 | 1.5 | 2.1 | | 2.7 | | 2.4 |
| 71/10/26 | 10 45 | 0003 | | | 0.8 | 1.0 | | | 2.2 | | 1.9 |

STORET RETRIEVAL DATE 77/03/14

052500 D6
38 02 40.0 122 07 00.0 2
OFF BULLS HEAD NR MARTINEZ-D6
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/11/17 | 14 15 | 0003 | | | 0.8 | 1.0 | 1.4 | | 3.0 | | 3.3 |
| 71/12/13 | 12 45 | 0003 | | | 1.0 | 1.1 | 2.3 | | 2.6 | | 4.2 |
| 72/01/10 | 12 35 | 0003 | | | | 1.3 | | | 2.7 | | 3.0 |
| 72/02/11 | 12 45 | 0003 | | | 1.1 | 1.1 | 2.5 | | 3.5 | | 4.7 |
| 72/07/19 | 11 35 | 0003 | 1.0 | | | | | | | | |
| 72/09/20 | 14 00 | 0003 | | | 2.1 | 2.6 | | | | | 4.8 |
| 73/04/11 | 12 40 | 0003 | 2.8 | | | | | | | | |
| 73/05/09 | 11 10 | 0003 | 1.2 | | | | | | | | |
| 73/08/07 | 14 10 | 0003 | 1.2 | | | | | | | | |
| 73/09/05 | 13 05 | 0003 | 1.3 | | | | | | | | |
| 73/10/03 | 11 40 | 0003 | 1.5 | | | | | | | | |
| 73/12/05 | 12 30 | 0003 | 0.8 | | | | | | | | |
| 74/01/16 | 09 10 | 0003 | 0.4 | | | | | | | | |
| 74/03/20 | 13 10 | 0003 | 1.1 | | | | | | | | |
| 74/04/03 | 12 30 | 0003 | 1.9 | | | | | | | | |
| 74/05/01 | 12 15 | 0003 | 1.0 | | | | | | | | |
| 74/06/13 | 10 30 | 0003 | 1.8 | | | | | | | | |
| 74/07/11 | 08 30 | 0003 | 1.0 | | | | | | | | |
| 74/08/14 | 13 30 | 0003 | 1.2 | | | | | | | | |
| 74/09/11 | 13 45 | 0003 | 1.3 | | | | | | | | |
| 74/10/09 | 10 55 | 0003 | 1.1 | | | | | | | | |
| 74/12/11 | 12 55 | 0003 | 1.0 | | | | | | | | |

STOPET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 02 20 LATITUDE - 38 07 00

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN THE CENTER OF A SHALLOW BAY.

SAMPLING POINT - GRIZZLY BAY AT DOLPHIN, EASTERLY A DISTANCE OF 2400 YARDS FROM FL R 4SEC 15FT 4, ON A MAGNETIC BEARING OF 83 DEGREES. DEPTH AT SITE IS 4 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STOPET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 08 21 | 0003 | 76.00C | | | | | | | | | | |
| 68/10/28 | 10 00 | 0003 | 27.36C | | | | | | | | | | |
| 68/11/26 | 09 05 | 0003 | 13.68C | | | | | | | | | | |
| 68/12/17 | 12 30 | 0003 | 6.54C | | | | | | | | | | |
| 69/01/29 | 10 30 | 0003 | 1.90C | | | | | | | | | | |
| 69/02/27 | 10 10 | 0003 | 2.13C | | | | | | | | | | |
| 69/03/28 | 10 25 | 0003 | 4.48C | | | | | | | | | | |
| 69/05/07 | 07 05 | 0003 | 9.12C | | | | | | | | | | |
| 69/05/14 | 16 45 | 0003 | | | | | | 0.10M | 1.36 | 2.28 | 1.46 | 0.68 | |
| 69/06/11 | 15 25 | 0003 | 8.36C | | | | | 0.56 | 1.09 | 1.78 | 0.54 | 0.25 | .21 |
| 69/07/23 | 12 15 | 0003 | 44.09C | | | | | 0.32M | 0.74 | 3.39 | 1.07 | 0.50 | .07 |
| 69/08/20 | 11 25 | 0003 | 50.16C | | | | | 1.97 | 3.02 | 5.04 | 1.05 | 0.49 | .10 |
| 69/09/18 | 10 15 | 0003 | 28.00 | 2.30M | 9.70 | 8.90 | 76 | 0.64 | 1.11 | 2.13 | 0.47 | 0.22 | .07 |
| 69/10/21 | 12 15 | 0003 | 5.80 | 0.62M | 3.00 | 10.00 | 36 | | | | | | |
| 69/11/21 | 10 20 | 0003 | 9.12C | | | | | | | | | | |
| 70/02/11 | 07 30 | 0003 | 1.52C | | | | | | | | | | |
| 70/03/16 | 09 40 | 0003 | 2.89C | | | | | | | | | | |
| 70/04/16 | 11 30 | 0003 | 6.08C | | | | | 0.81 | 0.83 | 1.30 | 0.02 | 0.01 | .21 |
| 70/05/18 | 13 50 | 0003 | 24.00 | 0.85M | 6.30 | 4.50 | 84 | 2.69 | 3.49 | 3.00 | 0.80 | 0.38 | .12 |
| 70/06/15 | 13 35 | 0003 | 30.00 | 0.30 | 9.00 | 6.70 | 81 | 4.10 | 4.85 | 3.48 | 0.75 | 0.35 | .11 |
| 70/07/15 | 14 20 | 0002 | 31.00 | 0.43M | 5.70 | 13.00 | 70 | 1.39 | 2.56 | 5.88 | 1.17 | 0.55 | .18 |
| 70/08/13 | 13 40 | 0003 | 69.00 | 1.80M | 19.00 | 14.00 | 83 | 2.83 | 3.89 | 7.20 | 1.07 | 0.50 | .10 |
| 70/09/09 | 11 40 | 0003 | 58.00 | 0.42M | 12.00 | 13.00 | 81 | 3.88 | 4.94 | 5.38 | 1.06 | 0.50 | .09 |
| 70/10/07 | 10 00 | 0003 | 46.00 | 2.00M | 11.00 | 13.00 | 79 | 0.60 | 1.24 | 4.50 | 0.64 | 0.30 | [illegible] |
| 70/11/20 | 10 00 | 0003 | 8.30 | 0.21 | 3.90 | 7.80 | 51 | | | | | | |
| 71/03/04 | 07 55 | 0003 | 2.80 | 0.00 | 0.00 | 3.30 | 45 | | | | | | |
| 71/03/23 | 10 30 | 0003 | 3.90 | 0.00 | 0.54 | 1.60 | 70 | | | | | | |
| 71/04/06 | 10 30 | 0003 | 4.30 | 0.04 | 0.25 | 3.90 | 52 | | | | | | |
| 71/04/20 | 09 55 | 0003 | 11.00 | 0.00 | 1.80 | 5.80 | 65 | | | | | | |
| 71/05/04 | 10 15 | 0003 | 34.00 | 0.00 | 8.80 | 9.20 | 78 | 2.45 | 3.52 | 4.40 | 1.07 | 0.50 | .12 |
| 71/05/18 | 09 20 | 0003 | 38.00 | 0.18 | 14.00 | 16.00 | 71 | | | | | | |
| 71/06/02 | 10 20 | 0003 | 26.00 | 0.29 | 8.80 | 12.00 | 69 | 1.61 | 2.09 | 3.65 | 0.48 | 0.23 | .14 |
| 71/06/15 | 09 00 | 0003 | 23.00 | 0.86 | 6.20 | 13.00 | 64 | | | | | | |
| 71/06/30 | 08 35 | 0003 | 31.00 | 0.57 | 11.00 | 13.00 | 70 | 1.32 | 2.03 | 4.00 | 0.71 | 0.33 | .12 |
| 71/07/14 | 07 45 | 0003 | 28.00 | 0.00 | 13.00 | 15.00 | 65 | | | | | | |
| 71/08/03 | 13 00 | 0003 | 41.00 | 0.00 | 13.00 | 19.00 | 68 | 0.49 | 2.22 | 4.30 | 1.73 | 0.81 | 4.86 .10 |

STORET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY | P/B Corrected |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/08/16 | 12 00 | 0003 | 30.00 | 0.29 | 13.00 | 14.00 | 68 | | | | | | | |
| 71/08/31 | 12 00 | 0003 | 26.00 | 0.65 | 8.10 | 14.00 | 64 | 0.77 | 1.49 | 3.10 | 0.72 | 0.34 | 2.96 | .11 |
| 71/09/14 | 12 00 | 0003 | 16.00 | 1.00 | 5.60 | 11.00 | 58 | | | | | | | |
| 71/09/28 | 09 50 | 0003 | 15.00 | 0.27 | 3.30 | 8.90 | 63 | 0.80 | 1.33 | 2.15 | 0.53 | 0.25 | 2.26 | .14 |
| 71/10/26 | 10 05 | 0003 | 5.60 | 0.26 | 0.72 | 8.00 | 41 | 0.52 | 0.60 | 0.95 | 0.08 | 0.04 | 0.96 | .16 |
| 71/11/16 | 11 50 | 0003 | 2.90 | 0.72 | 1.10 | 9.80 | 22 | | | | | | | |
| 71/12/13 | 10 50 | 0003 | 1.30 | 0.25 | 0.78 | 3.20 | 28 | | | | | | | |
| 72/01/10 | 11 45 | 0003 | 0.80 | 0.24 | 0.58 | 2.10 | 27 | | | | | | | |
| 72/03/08 | 08 10 | 0003 | 3.40 | 0.45 | 1.40 | 3.00 | 52 | | | | | | | |
| 72/03/22 | 08 20 | 0003 | 2.30 | 0.51 | 0.57 | 4.40 | 34 | 0.16M | 0.33 | 0.54 | 0.50 | 0.23 | | .46 |
| 72/04/11 | 11 30 | 0003 | 2.80 | 0.54 | 0.74 | 7.50 | 27 | | | | | | | |
| 72/04/24 | 12 20 | 0003 | 4.50 | 0.36 | 0.85 | 5.20 | 46 | 0.25 | 0.48 | 0.61 | 0.22 | 0.10 | | .26 |
| 72/05/08 | 11 00 | 0003 | 27.00 | 0.00 | 6.40 | 6.40 | 80 | | | | | | | |
| 72/05/22 | 11 45 | 0003 | 16.00 | 0.12 | 3.50 | 5.00 | 76 | 2.83 | 3.43 | 1.22 | 0.60 | 0.28 | | .14 |
| 72/06/06 | 11 00 | 0003 | 43.00 | 0.04 | 14.00 | 12.00 | 78 | | | | | | | |
| 72/06/20 | 11 20 | 0003 | 17.00 | 0.16 | 3.50 | 8.30 | 67 | 0.79 | 2.05 | 1.53 | 1.26 | 0.59 | | .18 |
| 72/07/06 | 12 40 | 0003 | 23.00 | 1.20 | 5.30 | 11.00 | 68 | | | | | | | |
| 72/07/19 | 10 45 | 0003 | 29.00 | 0.42 | 4.40 | 8.00 | 78 | 0.80M | 0.96 | 0.75 | 1.76 | 0.82 | | .04 |
| 72/08/03 | 11 30 | 0003 | 52.00 | 1.50 | 10.00 | 13.00 | 79 | | | | | | | |
| 72/08/21 | 15 00 | 0003 | 54.00 | 1.20 | 17.00 | 14.00 | 78 | 3.35 | 4.26 | 2.68 | 0.91 | 0.43 | | .08 |
| 72/09/06 | 14 30 | 0003 | 42.00 | 4.80 | 14.00 | 15.00 | 73 | | | | | | | |
| 72/09/20 | 13 15 | 0003 | 48.00 | 1.90 | 9.70 | 16.00 | 75 | 1.55 | 2.36 | 1.76 | 0.81 | 0.38 | | .06 |
| 72/10/03 | 13 00 | 0003 | 46.00 | 1.80 | 8.50 | 16.00 | 74 | | | | | | | |
| 72/10/18 | 12 15 | 0003 | 14.00 | 1.20 | 3.30 | 5.80 | 70 | | | | | | | |
| 72/11/15 | 10 10 | 0003 | 7.30 | 0.81 | 1.40 | 7.80 | 48 | | | | | | | |
| 72/12/12 | 08 00 | 0003 | 1.70 | 0.49 | 0.77 | 4.10 | 28 | | | | | | | |
| 73/02/13 | 11 30 | 0003 | 1.60 | | | 1.60 | 50 | | | | | | | |
| 73/03/15 | 10 05 | 0003 | 3.20 | | | 1.80 | 63 | 0.02M | 0.23 | 0.23 | 0.26 | 0.12 | | .14 |
| 73/03/29 | 10 00 | 0003 | 7.70 | | | 4.80 | 61 | | | | | | | |
| 73/04/12 | 10 40 | 0003 | 8.80 | | | 7.20 | 55 | 0.14 | 0.54 | 0.84 | 0.40 | 0.19 | | .18 |
| 73/04/26 | 09 40 | 0003 | 22.00 | | | 8.90 | 71 | | | | | | | |
| 73/05/10 | 09 35 | 0003 | 18.00 | | | 14.00 | 55 | 0.57 | 1.30 | 1.28 | 0.74 | 0.35 | | .14 |
| 73/05/31 | 14 15 | 0003 | 43.00 | | | 36.00 | 54 | | | | | | | |
| 73/06/13 | 13 45 | 0003 | 10.00 | | | 12.00 | 45 | 0.80 | 1.17 | 1.11 | 0.36 | 0.17 | | .22 |
| 73/06/27 | 13 30 | 0003 | 28.00 | | | 11.00 | 72 | | | | | | | |
| 73/08/08 | 11 45 | 0003 | 75.00 | | | 28.00 | 72 | 0.19 | 1.73 | 2.80 | 1.54 | 0.72 | | .06 |

STORET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | P/B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/08/22 | 10 00 | 0003 | 41.00 | | | 15.00 | 72 | | | | | | |
| 73/09/06 | 10 50 | 0003 | 43.00 | | | 13.00 | 77 | 1.66 | 2.78 | 2.48 | 1.12 | 0.53 | .10 |
| 73/09/19 | 08 50 | 0003 | 9.80 | | | 3.10 | 76 | | | | | | |
| 73/10/04 | 09 15 | 0003 | 26.00 | | | 10.00 | 71 | 1.27 | 1.48 | 1.06 | 0.20 | 0.09 | .08 |
| 73/10/31 | 06 55 | 0003 | 11.00 | | | 7.30 | 62 | | | | | | |
| 73/12/06 | 09 35 | 0003 | 1.30 | | | 1.40 | 48 | | | | | | |
| 74/01/17 | 10 15 | 0003 | 1.10 | | | 0.96 | 55 | | | | | | |
| 74/02/14 | 10 05 | 0003 | 1.80 | | | 1.60 | 52 | | | | | | |
| 74/03/21 | 13 50 | 0003 | 4.10 | | | 3.60 | 54 | | | | | | |
| 74/04/02 | 11 15 | 0003 | 3.00 | | | 1.90 | 62 | | | | | | |
| 74/04/17 | 11 40 | 0003 | 4.30 | | | 3.00 | 59 | | | | | | |
| 74/04/30 | 10 30 | 0003 | 10.00 | | | 4.10 | 72 | | | | | | |
| 74/05/14 | 09 35 | 0003 | 40.00 | | | 16.00 | 71 | | | | | | |
| 74/06/13 | 09 50 | 0003 | 27.00 | | | 18.00 | 60 | | | | | | |
| 74/06/27 | 09 45 | 0003 | 20.00 | | | 14.00 | 60 | | | | | | |
| 74/07/11 | 07 40 | 0003 | 11.00 | | | 7.00 | 62 | | | | | | |
| 74/07/25 | 08 15 | 0003 | 21.00 | | | 9.10 | 70 | | | | | | |
| 74/08/14 | 12 55 | 0003 | 33.00 | | | 13.00 | 71 | | | | | | |
| 74/08/28 | 13 05 | 0003 | 43.00 | | | 12.00 | 77 | | | | | | |
| 74/09/12 | 13 05 | 0003 | 23.00 | | | 16.00 | 59 | | | | | | |
| 74/09/25 | 11 40 | 0003 | 20.00 | | | 14.00 | 59 | | | | | | |
| 74/10/09 | 10 15 | 0003 | 10.00 | | | 9.30 | 54 | | | | | | |
| 74/10/23 | 09 50 | 0003 | 10.00 | | | 3.90 | 72 | | | | | | |
| 74/11/21 | 09 05 | 0003 | 3.20 | | | 6.70 | 33 | | | | | | |
| 74/12/11 | 12 20 | 0003 | 2.30 | | | 3.90 | 37 | | | | | | |

STOPET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/26 | 09 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 940 | 940 |
| 68/12/17 | 12 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 120 |
| 69/01/29 | 10 30 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 240 | 250 |
| 69/02/27 | 10 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 120 |
| 69/03/28 | 10 25 | 0003 | 0 | 0 | 0 | 0 | 10 | 0 | 120 | 130 |
| 69/05/07 | 07 05 | 0003 | 50 | 0 | 0 | 0 | 30 | 0 | 710 | 790 |
| 69/06/11 | 15 25 | 0003 | 30 | 0 | 0 | 30 | 20 | 0 | 580 | 660 |
| 69/07/23 | 12 15 | 0003 | 160 | 0 | 0 | 0 | 0 | 0 | 3580 | 3740 |
| 69/08/20 | 11 25 | 0003 | 230 | 0 | 0 | 0 | 0 | 0 | 6950 | 7180 |
| 69/09/18 | 10 15 | 0003 | 310 | 0 | 0 | 0 | 0 | 10 | 4230 | 4550 |
| 69/10/21 | 12 15 | 0003 | 130 | 0 | 0 | 10 | 30 | 10 | 1160 | 1340 |
| 69/11/21 | 10 20 | 0003 | 40 | 0 | 0 | 0 | 0 | 0 | 1110 | 1150 |
| 70/02/11 | 07 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 120 |
| 70/03/16 | 09 40 | 0003 | 150 | 0 | 0 | 0 | 300 | 0 | 270 | 720 |
| 70/04/16 | 11 30 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 150 | 180 |
| 70/05/18 | 13 50 | 0003 | 0 | 0 | 0 | 0 | 60 | 0 | 90 | 150 |
| 70/06/15 | 13 35 | 0003 | 120 | 0 | 0 | 0 | 210 | 0 | 540 | 870 |
| 70/07/15 | 14 20 | 0002 | 150 | 0 | 0 | 0 | 270 | 0 | 2220 | 2640 |
| 70/08/13 | 13 40 | 0003 | 450 | 0 | 0 | 0 | 300 | 0 | 8350 | 9100 |
| 70/09/09 | 11 40 | 0003 | 420 | 0 | 0 | 0 | 420 | 0 | 9530 | 10370 |
| 70/10/07 | 10 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 10540 | 10540 |
| 70/11/20 | 10 00 | 0003 | 120 | 0 | 0 | 0 | 60 | 0 | 1590 | 1770 |
| 71/03/04 | 07 55 | 0003 | 90 | 0 | 0 | 0 | 210 | 0 | 420 | 720 |
| 71/04/06 | 10 30 | 0003 | 30 | 0 | 0 | 0 | 390 | 0 | 510 | 930 |
| 71/05/04 | 10 15 | 0003 | 90 | 0 | 0 | 0 | 510 | 0 | 3870 | 4470 |
| 71/06/02 | 10 20 | 0003 | 240 | 0 | 0 | 0 | 420 | 0 | 7770 | 8430 |
| 71/06/30 | 08 35 | 0003 | 0 | 0 | 0 | 0 | 660 | 0 | 10330 | 10880 |
| 71/08/03 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 720 | 0 | 8250 | 8970 |
| 71/08/31 | 12 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1562 | 1562 |
| 71/09/28 | 09 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1477 | 1477 |
| 71/10/26 | 10 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 24 |
| 71/11/16 | 11 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 235 | 235 |
| 71/12/13 | 10 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 217 | 217 |
| 72/01/10 | 11 45 | 0003 | 2J | 0J | 0J | 0J | 4J | 0J | 14J | 20J |
| 72/03/22 | 08 20 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 38J | 38J |
| 72/04/24 | 12 20 | 0003 | 4J | 0J | 0J | 0J | 2J | 0J | 54J | 60J |

STORET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/05/22 | 11 45 | 0003 | 0J | 0J | 0J | 0J | 12J | 6J | 92J | 110J |
| 72/06/20 | 11 20 | 0003 | 0J | 0J | 0J | 0J | 2J | 0J | 216J | 218J |
| 72/07/19 | 10 45 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 968J | 968J |
| 72/08/21 | 15 00 | 0003 | 4J | 0J | 0J | 0J | 0J | 0J | 1448J | 1452J |
| 72/09/20 | 13 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 4504 | 4504 |
| 72/10/18 | 12 15 | 0003 | 40 | 0 | 0 | 0 | 0 | 0 | 1550 | 1590 |
| 72/11/15 | 10 10 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 1030 | 1060 |
| 72/12/12 | 08 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/13 | 11 30 | 0003 | 76 | 0 | 0 | 0 | 0 | 0 | 76 | 152 |
| 73/03/15 | 10 05 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 110 | 160 |
| 73/03/29 | 10 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 384 | 384 |
| 73/04/12 | 10 40 | 0003 | 50 | 0 | 10 | 0 | 10 | 0 | 393 | 463 |
| 73/04/26 | 09 40 | 0003 | 24 | 0 | 0 | 0 | 24 | 0 | 828 | 876 |
| 73/05/10 | 09 35 | 0003 | 68 | 0 | 0 | 0 | 0 | 43 | 2438 | 2549 |
| 73/05/31 | 14 15 | 0003 | 36 | 0 | 0 | 0 | 0 | 0 | 2052 | 2088 |
| 73/06/13 | 13 45 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 872 | 884 |
| 73/06/27 | 13 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1044 | 1044 |
| 73/08/08 | 11 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2702 | 2702 |
| 73/08/22 | 10 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 708 | 708 |
| 73/09/06 | 10 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1152 | 1152 |
| 73/09/19 | 08 50 | 0003 | 92 | 0 | 69 | 0 | 0 | 0 | 2821 | 2982 |
| 73/10/04 | 09 15 | 0003 | 25 | 0 | 0 | 0 | 0 | 0 | 5050 | 5075 |
| 73/10/31 | 06 55 | 0003 | 69 | 0 | 0 | 0 | 0 | 0 | 757 | 826 |
| 73/12/06 | 09 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74/01/17 | 10 15 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 91 | 141 |
| 74/02/14 | 10 05 | 0003 | 0 | 0 | 0 | 25 | 0 | 0 | 50 | 50 |
| 74/03/21 | 13 50 | 0003 | 171 | 20 | 40 | 0 | 10 | 0 | 649 | 890 |
| 74/04/02 | 11 15 | 0003 | 81 | 0 | 10 | 10 | 30 | 0 | 363 | 494 |
| 74/04/17 | 11 40 | 0003 | 107 | 0 | 10 | 29 | 29 | 0 | 446 | 621 |
| 74/04/30 | 10 30 | 0003 | 286 | 0 | 0 | 44 | 0 | 0 | 1562 | 1892 |
| 74/05/14 | 09 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 10160 | 10160 |
| 74/06/13 | 09 50 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 2508 | 2552 |
| 74/06/27 | 09 45 | 0003 | 25 | 0 | 51 | 25 | 0 | 0 | 3561 | 3662 |
| 74/07/11 | 07 40 | 0003 | 68 | 0 | 0 | 0 | 0 | 0 | 399 | 467 |
| 74/07/25 | 08 15 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 4092 | 4114 |
| 74/08/14 | 12 55 | 0003 | 88 | 0 | 0 | 0 | 0 | 0 | 5060 | 5148 |

STORET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/08/28 | 13 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 5962 | 5962 |
| 74/09/12 | 13 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2068 | 2068 |
| 74/09/25 | 11 40 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 1848 | 1870 |
| 74/10/09 | 10 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1826 | 1826 |
| 74/10/23 | 09 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 3168 | 3168 |
| 74/11/21 | 09 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1562 | 1562 |
| 74/12/11 | 12 20 | 0003 | 22 | 22 | 0 | 0 | 0 | 0 | 1298 | 1342 |

STOPET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0035 | | | |
| 69/02/03 | | | 0.0009 | | | |
| 69/03/06 | | | 0.0021 | | | |
| 69/05/23 | | | 0.0244 | | | |
| 69/06/22 | | | 0.1302 | | | |
| 69/07/21 | | | 0.1098 | | | |
| 69/08/17 | | | 0.1652 | | | |
| 69/09/15 | | | 0.0770 | | | |
| 69/10/18 | | | 0.0745 | | | |
| 69/11/18 | | | 0.0185 | | | |
| 69/12/20 | | | 0.0003 | | | |
| 70/01/16 | | | 0.0020 | | | |
| 70/02/15 | | | 0.0005 | | | |
| 70/03/19 | | | 0.0339 | | | |
| 70/04/16 | | | 0.0013 | | | |
| 70/05/16 | | | 0.0001 | | | |
| 70/06/13 | | | 0.0004 | | | |
| 70/07/12 | | | 0.0073 | | | |
| 70/08/22 | | | 0.0082 | | | |
| 70/09/20 | | | 0.1236 | | | |
| 70/10/20 | | | 0.0707J | | | |
| 70/11/20 | | | 0.0764 | | | |
| 70/12/21 | | | 0.0008 | | | |
| 71/01/20 | | | 0.0002 | | | |
| 71/02/20 | | | 0.0019 | | | |
| 71/03/06 | | | 0.0003 | | | |
| 71/04/06 | | | 0.0301 | 0.01L | 0.02 | 0.14L |
| 71/04/21 | | | | 79.41L | 0.00L | 33.53L |
| 71/05/04 | | | | 138.20L | 0.00L | 51.18L |
| 71/05/05 | | | 0.0002 | 0.13L | 0.07L | 18.53L |
| 71/05/19 | | | | 437.60L | 0.00L | 39.41L |
| 71/06/02 | | | | 581.80L | 0.00L | 60.59L |
| 71/06/04 | | | 0.0005 | 0.55L | 1.73L | 5.55L |
| 71/06/16 | | | | 695.30L | 0.00L | 58.82L |
| 71/07/01 | | | 0.0714 | 75.00L | 0.00L | 65.00L |
| 71/07/02 | | | | 0.00L | 0.00L | 16.71L |

STORET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/07/15 | | | | 18.24L | 0.00L | 224.10L |
| 71/07/31 | | | 0.0498 | 0.00L | 0.00L | 17.41L |
| 71/08/03 | | | | 1.18L | 0.00L | 153.50L |
| 71/08/17 | | | | 7.65L | 0.00L | 75.88L |
| 71/08/30 | | | | 2.94L | 0.00L | 48.82L |
| 71/09/02 | | | 0.1299 | 0.00L | 0.00L | 4.24L |
| 71/09/15 | | | | 192.40L | 0.00L | 108.20L |
| 71/09/28 | | | | 105.30L | 0.00L | 41.18L |
| 71/10/14 | | | 0.0620 | 0.00L | 0.02 | 3.03L |
| 71/10/26 | | | | 2.94L | 0.00L | 18.24L |
| 71/11/10 | | | 0.0279 | 0.00L | 0.00L | 0.67L |
| 71/12/13 | | | | 1.18L | 0.00L | 19.41L |
| 71/12/14 | | | 0.0002 | 0.01L | 0.00L | 1.63L |
| 72/01/10 | | | | 0.00L | 0.00L | 8.82L |
| 72/01/12 | | | 0.0001 | 1.19 | 0.005 | 2.50 |
| 72/02/10 | | | 0.0010 | 0.60 | 0.01 | 7.25 |
| 72/03/13 | | | 0.0019 | 5.89 | 0.03 | 25.93 |
| 72/04/10 | | | 0.0038 | 7.11 | 0.00 | 19.89 |
| 72/04/21 | | | 0.0010 | 14.78 | 0.00 | 80.25 |
| 72/05/07 | | | 0.0000 | 1.01 | 0.00 | 67.50 |
| 72/05/21 | | | 0.0031 | 29.39 | 0.00 | 164.40 |
| 72/06/07 | | | 0.0029 | 70.00 | 0.00 | 181.50 |
| 72/06/21 | | | 0.0065 | 65.89 | 0.00 | 181.00 |
| 72/07/06 | | | 0.0027 | 291.00 | 0.00 | 338.10 |
| 72/07/19 | | | 0.0061 | 71.00 | 0.00 | 324.60 |
| 72/08/03 | | | 0.0098 | 37.29 | 1.18 | 171.50 |
| 72/08/16 | | | 0.0049 | 63.00 | 0.00 | 313.00 |
| 72/09/14 | | | 0.1341 | 692.30 | 0.05 | 150.20 |
| 72/09/29 | | | 0.0168 | 73.53L | 0.00L | 27.06L |
| 72/10/18 | | | 0.0034 | 36.62 | 0.14 | 85.00 |
| 72/10/28 | | | 0.1639 | 15.29 | 0.00 | 59.07 |
| 72/11/16 | | | 0.0224 | 4.00 | 0.00 | 9.00 |
| 72/12/16 | | | 0.0193 | 0.00 | 0.06 | 22.24 |
| 73/03/16 | | | 0.0038 | 22.34 | 0.44 | 26.94 |
| 73/04/11 | | | 0.0165 | 17.06 | 0.00 | 114.10 |
| 73/04/26 | | | 0.0297 | 8.82 | 0.00 | 184.30 |

STORET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

113BUREC 04001004
0030 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/05/10 | | | 0.4671 | 22.35 | 0.00 | 46.39 |
| 73/05/28 | | | 0.1530 | 478.80 | 0.00 | 33.71 |
| 73/06/08 | | | 0.5801 | 240.00 | 0.00 | 56.77 |
| 73/06/27 | | | 0.0052 | 2998.00 | 0.00 | 164.40 |
| 73/07/10 | | | 0.0097 | 251.40 | 0.00 | 429.90 |
| 73/07/25 | | | 0.0004 | 311.00 | 0.16 | 558.00 |
| 73/08/08 | | | 0.0100 | 277.00 | 0.00 | 250.20 |
| 73/08/22 | | | 0.0020 | 189.50 | 0.00 | 259.50 |
| 73/09/06 | | | 0.2115 | 380.40 | 0.00 | 129.00 |
| 73/09/19 | | | 0.2443 | 103.10 | 0.00 | 126.20 |
| 73/10/03 | | | 0.4152 | 145.90 | 1.18 | 79.16 |
| 73/10/18 | | | 0.0111 | 141.80 | 0.00 | 82.30 |
| 73/11/19 | | | 0.0351 | 37.40 | 0.90 | 10.64 |
| 74/03/15 | | | 0.0009 | 53.53 | 0.12 | 17.00 |
| 74/04/02 | | | 0.0005 | 48.50 | 0.34 | 17.11 |
| 74/04/17 | | | 0.0613 | 62.43 | 1.02 | 19.93 |
| 74/05/14 | | | 0.0889 | 116.20 | 0.01 | 47.76 |
| 74/05/29 | | | 0.2728 | 0.00L | 0.00L | 11.96L |
| 74/06/18 | | | 0.2001 | 250.30 | 0.00 | 108.30 |
| 74/06/28 | | | 0.5888 | 40.22 | 0.00 | 39.51 |
| 74/07/11 | | | 0.0411 | 9.31 | 0.00 | 72.42 |
| 74/07/25 | | | 0.2784 | 8.79 | 0.00 | 75.42 |
| 74/08/12 | | | 0.1061 | 282.80 | 0.00 | 82.81 |
| 74/08/26 | | | 0.1127 | 181.50L | 0.00L | 87.50L |
| 74/09/13 | | | 0.0333 | 76.81 | 0.05 | 70.54 |
| 74/09/24 | | | 0.0998 | 43.78 | 0.04 | 11.53 |
| 74/10/08 | | | 0.0825 | 63.04 | 0.00 | 77.07 |
| 74/10/23 | | | 0.0147 | 39.01 | 0.00 | 24.72 |
| 74/11/20 | | | 0.0001 | 11.41 | 0.18 | 10.26 |

STORET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/20 | 10 55 | 0003 | 1.0 | | | | | | | | |
| 68/06/18 | 11 30 | 0003 | 2.7 | | | | | | | | |
| 68/07/18 | 11 20 | 0003 | 0.2K | | | | | | | | |
| 68/08/15 | 09 45 | 0003 | 1.7 | | | | | | | | |
| 68/09/26 | 08 21 | 0003 | 1.4 | | | | | | | | |
| 68/10/28 | 10 00 | 0003 | 2.0 | | | | | | | | |
| 68/11/26 | 09 05 | 0003 | 1.4 | | | | | | | | |
| 68/12/17 | 12 30 | 0003 | 0.5 | | | | | | | | |
| 69/01/29 | 10 30 | 0003 | 1.6 | | | | | | | | |
| 69/02/27 | 10 10 | 0003 | 1.4 | | | | | | | | |
| 69/03/28 | 10 25 | 0003 | 1.5 | | | | | | | | |
| 69/05/07 | 07 05 | 0003 | 0.8 | | | | | | | | |
| 69/06/11 | 15 25 | 0003 | 1.3 | | | | | | | | |
| 69/07/23 | 12 15 | 0003 | 2.0 | | | | | | | | |
| 69/08/20 | 11 25 | 0003 | 2.8 | | | | | | | | |
| 69/09/18 | 10 15 | 0003 | 1.3 | | | | | | | | |
| 69/10/21 | 12 15 | 0003 | 1.1 | | | | | | | | |
| 69/11/21 | 10 20 | 0003 | 1.5 | | | | | | | | |
| 70/02/11 | 07 30 | 0003 | 0.4 | | | | | | | | |
| 70/03/16 | 09 40 | 0003 | 0.7 | | | | | | | | |
| 70/04/16 | 11 30 | 0003 | 0.9 | | | | | | | | |
| 70/05/18 | 13 50 | 0003 | 0.6 | | | | | | | | |
| 70/06/15 | 13 35 | 0003 | 1.7 | | | | | | | | |
| 70/07/15 | 14 20 | 0002 | 2.0 | | | | | | | | |
| 70/08/13 | 13 40 | 0003 | 2.1 | | | | | | | | |
| 70/09/09 | 11 40 | 0003 | 2.0 | | | | | | | | |
| 70/10/07 | 10 00 | 0003 | | 1.9 | | | | | | | |
| 70/11/20 | 10 00 | 0003 | 0.8 | | | | | | | | |
| 71/03/04 | 07 55 | 0003 | | | 0.9 | 2.1 | 1.9 | 2.7 | | 2.9 | |
| 71/04/06 | 10 30 | 0003 | 0.9 | | 1.0 | 1.4 | 1.6 | 1.7 | | | |
| 71/05/04 | 10 15 | 0003 | | | 1.1 | 2.0 | 3.0 | | 3.2 | | 4.3 |
| 71/06/02 | 10 20 | 0003 | | | 1.7 | 3.5 | 3.7 | | 4.6 | | 4.9 |
| 71/06/30 | 08 35 | 0003 | | | 1.9 | 2.6 | 3.2 | | 4.3 | | 4.7 |
| 71/08/03 | 13 00 | 0003 | | | 2.6 | 3.8 | 4.6 | | 5.9 | | 5.4 |
| 71/08/31 | 12 00 | 0003 | | | 1.0 | 1.8 | 2.2 | | 3.0 | | 3.7 |
| 71/09/28 | 09 50 | 0003 | | | 1.5 | 2.3 | 3.2 | | 4.5 | | 3.7 |

STORET RETRIEVAL DATE 77/03/14

052503 D7 28
38 07 02.0 122 02 19.0 2
GRIZZLY BAY NR SUISUN SLOUGH-D7
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/10/26 | 10 05 | 0003 | | | 1.0 | 1.4 | | | 2.1 | | 2.5 |
| 71/11/16 | 11 50 | 0003 | | | 2.1 | 2.0 | 3.1 | | 3.6 | | 4.1 |
| 71/12/13 | 10 50 | 0003 | | | 0.9 | 1.6 | 2.2 | | 2.5 | | 2.8 |
| 72/01/10 | 11 45 | 0003 | | | | 1.2 | | | 2.3 | | 2.5 |
| 72/07/19 | 10 45 | 0003 | 1.3 | | | | | | | | |
| 72/09/20 | 13 15 | 0003 | | | 2.2 | 3.2 | | | | | 6.1 |

STORET RETRIEVAL DATE 77/03/14

052504 D8 48
38 03 36.0 121 59 20.0 2
OFF MIDDLE POINT NEAR NICHOLS-D8
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 59 10 LATITUDE - 38 03 40

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED NEAR AN INDUSTRIAL AREA, IN A NAVIGATION CHANNEL.

SAMPLING POINT - SUISUN BAY, WEST REACH, NORTH OF AND ADJACENT TO FL R

4 SEC R "18". DEPTH AT SITE IS 30 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY

METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS, FOR LABORATORY

PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052504 D8 48
38 03 36.0 121 59 20.0 2
OFF MIDDLE POINT NEAR NICHOLS-D8
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/27 | 10 00 | 0003 | 76.00C | | | | | | | | | |
| 68/10/30 | 11 45 | 0003 | 34.96C | | | | | | | | | |
| 68/11/25 | 10 05 | 0003 | 7.22C | | | | | | | | | |
| 68/12/18 | 13 30 | 0003 | 4.18C | | | | | | | | | |
| 69/01/28 | 12 10 | 0003 | 1.67C | | | | | | | | | |
| 69/02/26 | 11 10 | 0003 | 2.13C | | | | | | | | | |
| 69/03/27 | 11 40 | 0003 | 4.33C | | | | | | | | | |
| 69/05/08 | 08 30 | 0003 | 8.36C | | | | | | | | | |
| 69/06/10 | 14 45 | 0003 | 6.54C | | | | | | | | | |
| 69/07/22 | 11 10 | 0003 | 34.96C | | | | | | | | | |
| 69/08/20 | 12 00 | 0003 | 47.88C | | | | | 0.44M | 3.01 | 4.78 | 3.46 | 0.60 |
| 69/09/18 | 10 55 | 0003 | 16.00 | 0.21M | 11.00 | 16.00 | 50 | 0.22 | 1.26 | 2.01 | 1.04 | 0.18 |
| 69/10/21 | 15 00 | 0003 | 9.60 | 0.91M | 3.00 | 2.40 | 80 | | | | | |
| 69/11/20 | 13 05 | 0003 | 8.36C | | | | | | | | | |
| 70/02/11 | 09 15 | 0003 | 1.60C | | | | | | | | | |
| 70/03/19 | 14 00 | 0003 | 3.19C | | | | | | | | | |
| 70/04/15 | 10 55 | 0003 | 6.46C | | | | | | | | | |
| 70/05/20 | 17 20 | 0003 | 17.00 | 0.38M | 4.80 | 8.50 | 66 | | | | | |
| 70/06/17 | 16 10 | 0003 | 33.00 | 1.10M | 6.30 | 11.00 | 74 | | | | | |
| 70/07/16 | 16 30 | 0003 | 19.00 | 0.16M | 3.70 | 8.30 | 70 | | | | | |
| 70/08/14 | 15 15 | 0003 | 81.00 | 2.20M | 21.00 | 15.00 | 84 | | | | | |
| 70/09/11 | 14 20 | 0003 | 48.00 | 0.93M | 9.00 | 13.00 | 79 | | | | | |
| 70/10/09 | 13 10 | 0003 | 46.00 | 0.90M | 7.00 | 1.70M | 104 | | | | | |
| 71/03/04 | 09 15 | 0003 | 2.00 | 0.00 | 0.00 | 2.50 | 44 | | | | | |
| 71/05/04 | 12 15 | 0003 | 29.00 | 0.00 | 7.50 | 7.10 | 80 | | | | | |
| 71/06/02 | 11 50 | 0003 | 16.00 | 0.07 | 3.00 | 5.10 | 75 | | | | | |
| 71/06/30 | 10 20 | 0003 | 25.00 | 1.80 | 7.10 | 10.00 | 70 | | | | | |
| 71/08/03 | 14 35 | 0003 | 24.00 | 0.00 | 6.60 | 12.00 | 68 | | | | | |
| 71/09/28 | 11 45 | 0003 | 16.00 | 0.82 | 3.90 | 12.00 | 56 | | | | | |
| 71/10/26 | 11 35 | 0003 | 5.50 | 0.16 | 0.00 | 6.60 | 45 | | | | | |
| 72/03/22 | 09 45 | 0003 | 2.10 | 0.22 | 0.34 | 3.10 | 41 | | | | | |
| 72/05/22 | 13 40 | 0003 | 15.00 | 0.14 | 2.20 | 4.90 | 75 | | | | | |
| 72/06/20 | 13 20 | 0003 | 17.00 | 0.20 | 5.50 | 6.50 | 72 | | | | | |
| 72/07/19 | 12 30 | 0003 | 30.00 | 0.69 | 5.10 | 7.40 | 80 | | | | | |
| 72/08/07 | 15 50 | 0003 | 47.00 | 0.00 | 12.00 | 12.00 | 79 | | | | | |
| 72/08/21 | 16 40 | 0003 | 29.00 | 0.33 | 8.20 | 8.00 | 78 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052504 D8 48
38 03 36.0 121 59 20.0 2
OFF MIDDLE POINT NEAR NICHOLS-D8
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/07 | 16 45 | 0003 | 40.00 | 3.80 | 11.00 | 12.00 | 76 | | | | | |
| 72/09/20 | 14 45 | 0003 | 43.00 | 4.30 | 8.10 | 19.00 | 69 | | | | | |
| 72/10/18 | 13 50 | 0003 | 16.00 | 0.62 | 3.20 | 7.00 | 69 | | | | | |
| 72/11/16 | 12 35 | 0003 | 4.50 | 0.53 | 0.66 | 3.60 | 55 | | | | | |
| 72/12/13 | 11 25 | 0003 | 1.00 | 0.20 | 0.38 | 2.30 | 30 | | | | | |
| 73/01/15 | 11 40 | 0003 | 1.50 | | | 1.80 | 46 | | | | | |
| 73/02/14 | 14 25 | 0003 | 1.50 | | | 1.60 | 48 | | | | | |
| 73/03/28 | 10 30 | 0003 | 2.50 | | | 1.40 | 63 | | | | | |
| 73/04/25 | 11 30 | 0003 | 22.00 | | | 7.50 | 75 | | | | | |
| 73/05/30 | 16 15 | 0003 | 34.00 | | | 18.00 | 65 | | | | | |
| 73/06/27 | 15 05 | 0003 | 19.00 | | | 6.70 | 75 | | | | | |
| | 15 06 | 0030 | 18.00 | | | 12.00 | 60 | | | | | |
| 73/08/22 | 11 50 | 0003 | 28.00 | | | 12.00 | 69 | | | | | |
| | 11 53 | 0030 | 24.00 | | | 13.00 | 65 | | | | | |
| 73/09/19 | 10 25 | 0003 | 21.00 | | | 8.30 | 73 | | | | | |
| 73/10/31 | 08 30 | 0003 | 9.10 | | | 5.50 | 62 | | | | | |
| | 08 31 | 0030 | 8.70 | | | 9.90 | 47 | | | | | |
| 73/12/05 | 13 35 | 0003 | 1.10 | | | 1.50 | 41 | | | | | |
| 74/03/20 | 14 30 | 0003 | 3.70 | | | 1.50 | 71 | | | | | |
| 74/04/03 | 13 35 | 0003 | 3.50 | | | 1.70 | 66 | | | | | |
| 74/04/18 | 14 00 | 0003 | 4.60 | | | 1.90 | 70 | | | | | |
| 74/05/01 | 13 15 | 0003 | 10.00 | | | 4.70 | 69 | | | | | |
| 74/05/15 | 11 40 | 0003 | 27.00 | | | 8.40 | 76 | | | | | |
| 74/06/13 | 11 15 | 0003 | 29.00 | | | 13.00 | 69 | | | | | |
| 74/06/27 | 11 20 | 0003 | 10.00 | | | 8.90 | 55 | | | | | |
| 74/07/11 | 09 25 | 0003 | 10.00 | | | 4.60 | 69 | | | | | |
| 74/07/25 | 09 55 | 0003 | 18.00 | | | 8.20 | 69 | | | | | |
| 74/08/14 | 14 20 | 0003 | 20.00 | | | 7.60 | 73 | | | | | |
| 74/08/28 | 14 25 | 0003 | 18.00 | | | 6.40 | 74 | | | | | |
| 74/09/11 | 14 40 | 0003 | 14.00 | | | 9.10 | 62 | | | | | |
| 74/09/25 | 13 15 | 0003 | 18.00 | | | 9.30 | 66 | | | | | |
| 74/10/09 | 11 40 | 0003 | 7.40 | | | 7.00 | 51 | | | | | |
| 74/10/23 | 11 15 | 0003 | 7.40 | | | 3.90 | 65 | | | | | |
| 74/11/21 | 10 40 | 0003 | 2.10 | | | 2.90 | 41 | | | | | |
| 74/12/11 | 14 00 | 0003 | 1.70 | | | 1.80 | 49 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052504 D8 48
38 03 36.0 121 59 20.0 2
OFF MIDDLE POINT NEAR NICHOLS-D8
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 73/03/28 | 10 30 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 132 | 144 |
| 73/04/25 | 11 30 | 0003 | 0 | 0 | 0 | 0 | 24 | 0 | 732 | 756 |
| 73/05/30 | 16 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1356 | 1356 |
| 73/06/27 | 15 05 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 588 | 600 |
| 73/08/22 | 11 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2697 | 2697 |
| 73/09/19 | 10 25 | 0003 | 0 | 0 | 0 | 20 | 0 | 0 | 50 | 70 |
| 73/10/31 | 08 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 267 | 267 |
| 73/12/05 | 13 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74/03/20 | 14 30 | 0003 | 151 | 0 | 10 | 0 | 0 | 0 | 170 | 331 |
| 74/04/03 | 13 35 | 0003 | 46 | 0 | 0 | 0 | 0 | 0 | 322 | 368 |
| 74/04/18 | 14 00 | 0003 | 182 | 0 | 10 | 10 | 20 | 0 | 443 | 665 |
| 74/05/01 | 13 15 | 0003 | 242 | 0 | 0 | 44 | 0 | 0 | 2574 | 2860 |
| 74/05/15 | 11 40 | 0003 | 22 | 0 | 0 | 66 | 0 | 0 | 8382 | 8470 |
| 74/06/13 | 11 15 | 0003 | 44 | 0 | 0 | 0 | 88 | 0 | 8580 | 8712 |
| 74/06/27 | 11 20 | 0003 | 327 | 25 | 0 | 76 | 25 | 0 | 2097 | 2550 |
| 74/07/11 | 09 25 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 506 | 550 |
| 74/07/25 | 09 55 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 2772 | 2794 |
| 74/08/14 | 14 20 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 1012 | 1056 |
| 74/08/28 | 14 25 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 1408 | 1430 |
| 74/09/11 | 14 40 | 0003 | 66 | 0 | 0 | 22 | 0 | 0 | 1672 | 1760 |
| 74/09/25 | 13 15 | 0003 | 22 | 0 | 0 | 0 | 22 | 0 | 4422 | 4466 |
| 74/10/09 | 11 40 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 2112 | 2134 |
| 74/10/23 | 11 15 | 0003 | 44 | 0 | 0 | 22 | 0 | 0 | 2310 | 2376 |
| 74/11/21 | 10 40 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 506 | 528 |
| 74/12/11 | 14 00 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 748 | 770 |

STORET RETRIEVAL DATE 77/03/14

052504 D8 48
38 03 36.0 121 59 20.0 2
OFF MIDDLE POINT NEAR NICHOLS-D8
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/07 | | | 0.0322 | | | |
| 69/02/04 | | | 0.0007 | | | |
| 69/03/07 | | | 0.0008 | | | |
| 69/05/24 | | | 0.0367 | | | |
| 69/06/23 | | | 0.4906 | | | |
| 69/07/22 | | | 0.2567 | | | |
| 69/08/18 | | | 0.3000 | | | |
| 69/09/16 | | | 0.1228 | | | |
| 69/10/19 | | | 0.3240 | | | |
| 69/11/17 | | | 0.0163 | | | |
| 69/12/20 | | | 0.0022J | | | |
| 70/01/15 | | | 0.0007 | | | |
| 70/02/14 | | | 0.0005 | | | |
| 70/03/17 | | | 0.0080 | | | |
| 70/04/15 | | | 0.7070 | | | |
| 70/05/15 | | | 0.1330 | | | |
| 70/06/12 | | | 0.0359 | | | |
| 70/07/11 | | | 0.0136 | | | |
| 70/08/23 | | | 0.0319 | | | |
| 70/09/21 | | | 0.2242 | | | |
| 70/10/22 | | | 0.1543 | | | |
| 70/11/19 | | | 0.0531 | | | |
| 70/12/22 | | | 0.0037 | | | |
| 71/01/21 | | | 0.0031 | | | |
| 71/02/21 | | | 0.0094 | | | |
| 71/03/07 | | | 0.0233 | | | |
| 71/04/07 | | | 0.0107 | 0.10L | 0.05L | 1.00L |
| 71/05/06 | | | 0.0952 | 0.10L | 0.00L | 21.00L |
| 71/06/05 | | | 0.0294 | 0.20L | 0.52L | 4.00L |
| 71/07/01 | | | 0.2400 | 0.02L | 0.00L | 6.00L |
| 71/08/01 | | | 0.2575 | 0.00L | 0.00L | 51.00L |
| 71/09/03 | | | 0.1056 | 0.00L | 0.07L | 20.00L |
| 71/10/14 | | | 0.0244 | 0.20L | 0.12L | 22.00L |
| 71/11/12 | | | 0.0013 | 0.01L | 0.00L | 1.00L |
| 71/12/15 | | | 0.0044 | 0.00L | 0.01L | 3.00L |
| 72/01/13 | | | 0.0009 | 1.00 | 0.00 | 9.00 |

STORET RETRIEVAL DATE 77/03/14

052504 D8 48
38 03 36.0 121 59 20.0 2
OFF MIDDLE POINT NEAR NICHOLS-D8
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/11 | | | 0.0017 | 0.10 | 0.02 | 10.00 |
| 72/03/14 | | | 0.0028 | 8.00 | 0.00 | 75.00 |
| 72/04/11 | | | 0.0123 | 4.00 | 0.00 | 56.00 |
| 72/04/24 | | | 0.0081 | 7.00 | 0.00 | 25.00 |
| 72/05/09 | | | 0.0048 | 5.00 | 0.00 | 91.00 |
| 72/05/23 | | | 0.0048 | 68.00 | 0.00 | 151.00 |
| 72/06/08 | | | 0.0074 | 97.00 | 0.00 | 175.00 |
| 72/06/22 | | | 0.0008 | 84.00 | 0.00 | 124.00 |
| 72/07/08 | | | 0.0077 | 461.00 | 0.00 | 345.00 |
| 72/07/20 | | | 0.0131 | 36.00 | 0.00 | 144.00 |
| 72/08/04 | | | 0.0060 | 95.00 | 0.00 | 203.00 |
| 72/08/17 | | | 0.0110 | 63.00 | 0.00 | 197.00 |
| 72/09/15 | | | 0.0112 | 63.00 | 0.00 | 156.00 |
| 72/09/30 | | | 0.0643 | 43.00 | 0.12 | 142.00 |
| 72/10/17 | | | 0.0461 | 18.00 | 0.00 | 31.00 |
| 72/10/29 | | | 0.0583 | 157.00 | 0.02 | 36.00 |
| 72/11/17 | | | 0.0561 | 11.00 | 0.00 | 33.00 |
| 72/12/22 | | | 0.0345 | 10.00 | 0.00 | 19.00 |
| 73/03/17 | | | 0.0175 | 8.00 | 0.28 | 15.00 |
| 73/04/12 | | | 0.0261 | 21.00 | 0.00 | 175.00 |
| 73/04/27 | | | 0.1651 | 18.00 | 0.00 | 120.00 |
| 73/05/11 | | | 0.2460 | 151.00 | 0.00 | 54.00 |
| 73/05/29 | | | 0.4545 | 312.00 | 0.00 | 39.00 |
| 73/06/11 | | | 0.2702 | 144.00 | 0.00 | 31.00 |
| 73/06/28 | | | 0.0140 | 539.00 | 0.00 | 114.00 |
| 73/07/11 | | | 0.0025 | 127.00 | 0.00 | 194.00 |
| 73/07/26 | | | 0.0030 | 133.00 | 0.00 | 109.00 |
| 73/08/09 | | | 0.0030 | 247.00 | 0.00 | 253.00 |
| 73/08/23 | | | 0.0097 | 87.00 | 0.00 | 285.00 |
| 73/09/07 | | | 0.0060 | 130.00 | 0.08 | 154.00 |
| 73/09/20 | | | 0.0617 | 103.00 | 0.14 | 232.00 |
| 73/10/04 | | | 0.0845 | 288.00 | 0.12 | 175.00 |
| 73/10/19 | | | 0.0423 | 135.00 | 0.09 | 116.00 |
| 73/11/20 | | | 0.0047 | 31.00 | 0.62 | 13.00 |
| 74/03/18 | | | 0.0037 | 85.14 | 0.08 | 7.58 |
| 74/04/03 | | | 0.0004 | 50.99 | 0.67 | 13.32 |

STORET RETRIEVAL DATE 77/03/14

052504 D8 48
38 03 36.0 121 59 20.0 2
OFF MIDDLE POINT NEAR NICHOLS-D8
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0019 | 76.00 | 0.64 | 13.48 |
| 74/05/17 | | | 0.1083 | 270.60 | 9.41 | 40.75 |
| 74/05/30 | | | 0.6605 | 348.60 | 0.00 | 52.47 |
| 74/06/17 | | | 0.6211 | 321.10 | 0.00 | 65.63 |
| 74/06/27 | | | 0.1313 | 62.03 | 0.00 | 111.10 |
| 74/07/12 | | | 0.5797 | 49.28 | 0.00 | 148.70 |
| 74/07/26 | | | 0.2565 | 113.00 | 0.00 | 139.20 |
| 74/08/13 | | | 0.1235 | 79.35 | 0.00 | 91.28 |
| 74/08/27 | | | 0.1195 | 68.68 | 0.24 | 98.86 |
| 74/09/16 | | | 0.0586 | 77.81 | 0.81 | 77.93 |
| 74/09/25 | | | 0.0996 | 76.46 | 0.06 | 14.43 |
| 74/10/09 | | | 0.1583 | 37.16 | 0.21 | 82.92 |
| 74/10/24 | | | 0.0972 | 51.65 | 0.08 | 81.78 |
| 74/11/21 | | | 0.0155 | 17.79 | 0.10 | 27.63 |

STORET RETRIEVAL DATE 77/03/14

052504 D8 48
38 03 36.0 121 59 20.0 2
OFF MIDDLE POINT NEAR NICHOLS-D8
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/20 | 11 40 | 0003 | 0.9 | | | | | | | | |
| 68/06/18 | 12 40 | 0003 | 1.4 | | | | | | | | |
| 68/08/15 | 10 40 | 0003 | 1.2 | | | | | | | | |
| 68/09/27 | 10 00 | 0003 | 1.7 | | | | | | | | |
| 68/10/30 | 11 45 | 0003 | 1.5 | | | | | | | | |
| 68/11/25 | 10 05 | 0003 | 1.0 | | | | | | | | |
| 68/12/18 | 13 30 | 0003 | 0.7 | | | | | | | | |
| 69/01/28 | 12 10 | 0003 | 1.7 | | | | | | | | |
| 69/02/26 | 11 10 | 0003 | 1.8 | | | | | | | | |
| 69/03/27 | 11 40 | 0003 | 2.1 | | | | | | | | |
| 69/05/08 | 08 30 | 0003 | 1.0 | | | | | | | | |
| 69/06/10 | 14 45 | 0003 | 1.5 | | | | | | | | |
| 69/07/22 | 11 10 | 0003 | 1.9 | | | | | | | | |
| 69/08/20 | 12 00 | 0003 | 1.8 | | | | | | | | |
| 69/09/18 | 10 55 | 0003 | 1.2 | | | | | | | | |
| 69/10/21 | 15 00 | 0003 | 1.3 | | | | | | | | |
| 69/11/20 | 13 05 | 0003 | 1.4 | | | | | | | | |
| 70/02/11 | 09 15 | 0003 | 0.4 | | | | | | | | |
| 70/03/19 | 14 00 | 0003 | 0.8 | | | | | | | | |
| 70/04/15 | 10 55 | 0003 | 1.0 | | | | | | | | |
| 70/05/20 | 17 20 | 0003 | 1.1 | | | | | | | | |
| 70/06/17 | 16 10 | 0003 | 1.8 | | | | | | | | |
| 70/07/16 | 16 30 | 0003 | 2.2 | | | | | | | | |
| 70/08/14 | 15 15 | 0003 | 2.1 | | | | | | | | |
| 70/09/11 | 14 20 | 0003 | 1.3 | | | | | | | | |
| 70/10/09 | 13 10 | 0003 | 1.7 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052505 D9 40
38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 56 10 LATITUDE - 38 04 20

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A SHALLOW BAY.

SAMPLE POINT - HONKER BAY. NORTHEASTERLY 3400 YARDS FROM PT PALO ALTO.

ON A MAGNETIC BEARING OF 60 DEGREES. DEPTH AT SITE IS 5 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY

METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY

PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052505 D9 40
38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/26 | 08 52 | 0003 | 68.40C | | | | | | | | | | |
| 68/10/28 | 10 25 | 0003 | 40.28C | | | | | | | | | | |
| 68/11/26 | 09 45 | 0003 | 12.16C | | | | | | | | | | |
| 68/12/17 | 13 20 | 0003 | 4.79C | | | | | | | | | | |
| 69/01/29 | 11 40 | 0003 | 1.67C | | | | | | | | | | |
| 69/02/27 | 11 05 | 0003 | 2.28C | | | | | | | | | | |
| 69/03/28 | 11 25 | 0003 | 4.94C | | | | | | | | | | |
| 69/05/07 | 07 55 | 0003 | 9.88C | | | | | | | | | | |
| 69/06/10 | 15 05 | 0003 | 6.69C | | | | | | | | | | |
| 69/07/22 | 11 35 | 0003 | 45.60C | | | | | | | | | | |
| 69/08/19 | 09 35 | 0003 | 48.64C | | | | | | | | | | |
| 69/09/17 | 09 20 | 0003 | 22.00 | 2.10M | 9.90 | 11.00 | 67 | | | | | | |
| 69/10/21 | 15 30 | 0003 | 9.30 | 0.77M | 3.70 | 7.80 | 54 | | | | | | |
| 69/11/21 | 11 20 | 0003 | 10.64C | | | | | | | | | | |
| 70/02/11 | 09 40 | 0003 | 1.52C | | | | | | | | | | |
| 70/03/19 | 14 35 | 0003 | 4.48C | | | | | | | | | | |
| 70/04/15 | 11 15 | 0003 | 7.30C | | | | | | | | | | |
| 70/05/20 | 17 40 | 0003 | 11.00 | 0.20M | 2.30 | 7.40 | 60 | | | | | | |
| 70/06/17 | 16 30 | 0003 | 32.00 | 1.10M | 5.80 | 14.00 | 70 | | | | | | |
| 70/07/16 | 16 45 | 0003 | 22.00 | 0.06M | 3.80 | 12.00 | 66 | | | | | | |
| 70/08/14 | 15 40 | 0003 | 100.00 | 3.10M | 22.00 | 19.00 | 84 | | | | | | |
| 70/09/11 | 14 50 | 0003 | 44.00 | 0.99M | 8.10 | 14.00 | 77 | | | | | | |
| 70/10/09 | 13 30 | 0003 | 23.00 | 0.84M | 6.00 | 12.00 | 66 | | | | | | |
| 71/03/04 | 09 35 | 0003 | 3.20 | 0.00 | 0.00 | 2.50 | 55 | | | | | | |
| 71/03/23 | 11 35 | 0003 | 4.00 | 0.03 | 0.29 | 2.90 | 57 | | | | | | |
| 71/04/06 | 12 15 | 0003 | 4.30 | 0.00 | 0.11 | 2.40 | 64 | | | | | | |
| 71/04/20 | 10 30 | 0003 | 8.90 | 0.00 | 1.50 | 4.00 | 68 | | | | | | |
| 71/05/04 | 12 40 | 0003 | 34.00 | 0.00 | 9.40 | 8.40 | 80 | 2.79 | 3.79 | 4.40 | 1.00 | 0.43 | |
| 71/05/18 | 10 20 | 0003 | 28.00 | 0.00 | 5.90 | 9.30 | 75 | | | | | | |
| 71/06/02 | 12 10 | 0003 | 18.00 | 0.20 | 5.30 | 3.80 | 82 | 2.45 | 3.15 | 3.20 | 0.69 | 0.30 | |
| 71/06/15 | 09 40 | 0003 | 23.00 | 0.00 | 5.30 | 9.20 | 71 | | | | | | |
| 71/06/30 | 10 35 | 0003 | 24.00 | 1.10 | 6.70 | 12.00 | 67 | 2.41 | 2.87 | 3.40 | 0.46 | 0.20 | |
| 71/07/14 | 08 35 | 0003 | 33.00 | 0.00 | 14.00 | 17.00 | 65 | | | | | | |
| 71/08/03 | 14 55 | 0003 | 28.00 | 0.28 | 6.20 | 19.00 | 60 | 2.04 | 3.19 | 5.00 | 1.14 | 0.49 | 4.64 |
| 71/08/16 | 12 45 | 0003 | 24.00 | 0.35 | 9.80 | 16.00 | 60 | | | | | | |
| 71/08/31 | 14 00 | 0003 | 20.00 | 0.40 | 3.60 | 11.00 | 64 | 0.97 | 1.50 | 2.80 | 0.52 | 0.22 | 2.36 |

STORET RETRIEVAL DATE 77/03/14

052505 D9 40
38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/09/14 | 13 10 | 0003 | 15.00 | 0.12 | 4.10 | 12.00 | 57 | | | | | | |
| 71/09/28 | 12 00 | 0003 | 12.00 | 0.09 | 2.30 | 9.60 | 56 | 1.01 | 1.58 | 2.15 | 0.57 | 0.25 | 1.96 |
| 71/10/14 | 13 00 | 0003 | 13.00 | 1.10 | 2.80 | 13.00 | 51 | | | | | | |
| 71/10/26 | 11 55 | 0003 | 7.70 | 0.57 | 0.96 | 9.30 | 45 | 0.90 | 0.93 | 1.22 | 0.03 | 0.01 | 1.22 |
| 71/11/16 | 12 20 | 0003 | 6.30 | 0.36 | 1.60 | 9.50 | 39 | | | | | | |
| 72/03/08 | 08 50 | 0003 | 2.70 | 0.17 | 0.64 | 2.30 | 54 | | | | | | |
| 72/03/22 | 10 05 | 0003 | 4.60 | 0.34 | 0.37 | 4.50 | 50 | 0.35 | 0.29 | 0.68 | 0.06M | 0.03M | |
| 72/04/11 | 12 10 | 0003 | 6.30 | 1.40 | 1.70 | 16.00 | 28 | | | | | | |
| 72/05/08 | 11 45 | 0003 | 17.00 | 0.00 | 3.50 | 8.30 | 67 | | | | | | |
| 72/05/22 | 14 05 | 0003 | 13.00 | 0.86 | 2.10 | 5.80 | 69 | 1.54 | 2.19 | 1.06 | 0.65 | 0.28 | |
| 72/06/06 | 11 35 | 0003 | 17.00 | 0.46 | 3.80 | 9.70 | 64 | | | | | | |
| 72/06/20 | 13 40 | 0003 | 34.00 | 0.00 | 6.70 | 7.90 | 80 | 0.46 | 1.85 | 1.52 | 1.39 | 0.60 | |
| 72/07/06 | 13 25 | 0003 | 29.00 | 1.30 | 5.30 | 12.00 | 70 | | | | | | |
| 72/07/19 | 12 50 | 0003 | 44.00 | 0.72 | 15.00 | 15.00 | 74 | | | | | | |
| 72/08/03 | 12 20 | 0003 | 57.00 | 2.80 | 17.00 | 23.00 | 71 | | | | | | |
| 72/08/21 | 16 55 | 0003 | 33.00 | 0.69 | 11.00 | 12.00 | 72 | 1.01 | 3.35 | 2.45 | 2.34 | 1.01 | |
| 72/09/06 | 15 05 | 0003 | 34.00 | 3.50 | 12.00 | 23.00 | 59 | | | | | | |
| 72/09/20 | 15 05 | 0003 | 34.00 | 1.70 | 14.00 | 17.00 | 66 | 1.73 | 2.48 | 2.09 | 0.75 | 0.32 | |
| 72/10/03 | 13 40 | 0003 | 35.00 | 1.40 | 8.30 | 18.00 | 66 | | | | | | |
| 72/10/18 | 14 10 | 0003 | 17.00 | 0.43 | 3.10 | 12.00 | 58 | | | | | | |
| 72/11/15 | 10 55 | 0003 | 6.10 | 0.54 | 1.30 | 7.40 | 45 | | | | | | |
| 72/12/12 | 08 45 | 0003 | 1.10 | 0.23 | 0.26 | 2.30 | 32 | | | | | | |
| 73/02/13 | 12 10 | 0003 | 1.30 | | | 1.10 | 55 | | | | | | |
| 73/03/15 | 12 30 | 0003 | 3.40 | | | 1.60 | 68 | 0.01 | 0.38 | 0.30 | 0.37 | 0.16 | |
| 73/03/29 | 10 50 | 0003 | 3.30 | | | 2.10 | 61 | | | | | | |
| 73/04/12 | 11 30 | 0003 | 9.60 | | | 6.30 | 60 | 0.36 | 0.76 | 0.83 | 0.40 | 0.17 | |
| 73/04/26 | 10 20 | 0003 | 35.00 | | | 8.90 | 80 | | | | | | |
| 73/05/10 | 10 20 | 0003 | 22.00 | | | 15.00 | 59 | 0.65 | 1.61 | 1.68 | 0.96 | 0.41 | |
| 73/05/31 | 14 55 | 0003 | 31.00 | | | 21.00 | 59 | | | | | | |
| 73/06/13 | 15 45 | 0003 | 16.00 | | | 15.00 | 51 | 0.23 | 1.19 | 1.70 | 0.96 | 0.42 | |
| 73/06/26 | 13 30 | 0003 | 12.00 | | | 9.00 | 58 | | | | | | |
| 73/07/11 | 15 05 | 0003 | 63.00 | | | 21.00 | 75 | 1.37M | 1.47 | 2.82 | 2.84 | 1.23 | |
| 73/08/08 | 13 50 | 0003 | 86.00 | | | 36.00 | 70 | 0.01M | 1.85 | 3.55 | 1.85 | 0.80 | |
| 73/08/23 | 13 00 | 0003 | 47.00 | | | 34.00 | 58 | | | | | | |
| 73/09/06 | 13 05 | 0003 | 29.00 | | | 12.00 | 70 | 1.48 | 2.10 | 1.83 | 0.62 | 0.27 | |
| 73/09/20 | 10 50 | 0003 | 21.00 | | | 14.00 | 60 | | | | | | |

STORET RETRIEVAL DATE 77/03/14

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38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/10/04 | 11 05 | 0003 | 16.00 | | | 8.00 | 68 | 0.58 | 1.15 | 1.12 | 0.57 | 0.25 |
| 73/11/01 | 08 35 | 0003 | 9.10 | | | 7.90 | 53 | | | | | |
| 73/12/06 | 11 20 | 0003 | 1.50 | | | 1.50 | 50 | | | | | |
| 74/01/17 | 11 35 | 0003 | 1.20 | | | 0.79 | 62 | | | | | |
| 74/02/14 | 10 40 | 0003 | 1.90 | | | 1.00 | 64 | | | | | |
| 74/03/21 | 14 25 | 0003 | 4.30 | | | 2.10 | 66 | | | | | |
| 74/04/02 | 11 45 | 0003 | 2.40 | | | 1.30 | 64 | | | | | |
| 74/04/17 | 12 15 | 0003 | 4.40 | | | 2.00 | 69 | | | | | |
| 74/04/30 | 11 05 | 0003 | 8.10 | | | 3.00 | 73 | | | | | |
| 74/05/14 | 10 05 | 0003 | 34.00 | | | 13.00 | 72 | | | | | |
| 74/06/12 | 08 20 | 0003 | 30.00 | | | 16.00 | 65 | | | | | |
| 74/06/26 | 09 05 | 0003 | 20.00 | | | 14.00 | 59 | | | | | |
| 74/07/10 | 07 30 | 0003 | 7.70 | | | 7.80 | 50 | | | | | |
| 74/07/24 | 08 00 | 0003 | 13.00 | | | 15.00 | 47 | | | | | |
| 74/08/13 | 12 55 | 0003 | 12.00 | | | 8.40 | 60 | | | | | |
| 74/08/27 | 13 35 | 0003 | 13.00 | | | 9.30 | 60 | | | | | |
| 74/09/12 | 13 40 | 0003 | 17.00 | | | 10.00 | 64 | | | | | |
| 74/09/24 | 11 45 | 0003 | 13.00 | | | 7.20 | 65 | | | | | |
| 74/10/08 | 10 30 | 0003 | 5.70 | | | 6.30 | 47 | | | | | |
| 74/10/22 | 10 40 | 0003 | 4.90 | | | 3.40 | 59 | | | | | |
| 74/11/20 | 08 10 | 0003 | 2.00 | | | 2.10 | 48 | | | | | |
| 74/12/10 | 12 25 | 0003 | 1.40 | | | 1.60 | 48 | | | | | |

STORET RETRIEVAL DATE 77/03/14

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38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/04 | 09 35 | 0003 | 150 | 0 | 0 | 0 | 210 | 0 | 210 | 570 |
| 71/04/06 | 12 15 | 0003 | 60 | 0 | 0 | 0 | 210 | 0 | 390 | 660 |
| 71/05/04 | 12 40 | 0003 | 330 | 0 | 0 | 0 | 390 | 0 | 3720 | 4440 |
| 71/06/02 | 12 10 | 0003 | 360 | 0 | 0 | 0 | 360 | 0 | 3870 | 4590 |
| 71/06/30 | 10 35 | 0003 | 300 | 0 | 0 | 0 | 780 | 0 | 7840 | 8920 |
| 71/08/03 | 14 55 | 0003 | 150 | 0 | 0 | 0 | 420 | 0 | 6710 | 7280 |
| 71/08/31 | 14 00 | 0003 | 40 | 0 | 0 | 0 | 0 | 0 | 915 | 955 |
| 71/09/28 | 12 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 675 | 675 |
| 71/10/26 | 11 55 | 0003 | 17 | 0 | 0 | 0 | 0 | 0 | 493 | 510 |
| 71/11/16 | 12 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1121 | 1121 |
| 72/03/22 | 10 05 | 0003 | 0J | 0J | 0J | 0J | 6J | 0J | 74J | 80J |
| 72/05/22 | 14 05 | 0003 | 4J | 0J | 0J | 0J | 0J | 0J | 48J | 52J |
| 72/06/20 | 13 40 | 0003 | 0J | 0J | 0J | 0J | 6J | 0J | 990J | 996J |
| 72/07/19 | 12 50 | 0003 | 2J | 0J | 0J | 0J | 0J | 0J | 1668J | 1670J |
| 72/08/21 | 16 55 | 0003 | 44J | 0J | 0J | 0J | 0J | 0J | 1492J | 1536J |
| 72/09/20 | 15 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2196 | 2196 |
| 72/10/18 | 14 10 | 0003 | 5 | 0 | 0 | 0 | 0 | 0 | 1171 | 1176 |
| 72/11/15 | 10 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 479 | 479 |
| 72/12/12 | 08 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/13 | 12 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/15 | 12 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/29 | 10 50 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 264 | 276 |
| 73/04/12 | 11 30 | 0003 | 40 | 0 | 0 | 0 | 0 | 0 | 273 | 313 |
| 73/04/26 | 10 20 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 1392 | 1404 |
| 73/05/10 | 10 20 | 0003 | 48 | 0 | 0 | 0 | 60 | 0 | 1500 | 1608 |
| 73/05/31 | 14 55 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 1428 | 1440 |
| 73/06/13 | 15 45 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 1300 | 1312 |
| 73/06/26 | 13 30 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 828 | 840 |
| 73/07/11 | 15 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1644 | 1644 |
| 73/08/08 | 13 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 6927 | 6927 |
| 73/08/23 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1112 | 1112 |
| 73/09/06 | 13 05 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 1092 | 1104 |
| 73/09/20 | 10 50 | 0003 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| 73/10/04 | 11 05 | 0003 | 101 | 0 | 25 | 0 | 0 | 0 | 1440 | 1566 |
| 73/11/01 | 08 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 207 | 207 |
| 73/12/06 | 11 20 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 118 | 128 |

STORET RETRIEVAL DATE 77/03/14

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38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/01/17 | 11 35 | 0003 | 40 | 0 | 10 | 0 | 0 | 0 | 81 | 131 |
| 74/02/14 | 10 40 | 0003 | 50 | 0 | 25 | 0 | 0 | 0 | 51 | 126 |
| 74/03/21 | 14 25 | 0003 | 381 | 0 | 68 | 0 | 0 | 0 | 533 | 882 |
| 74/04/02 | 11 45 | 0003 | 111 | 0 | 10 | 0 | 0 | 0 | 261 | 382 |
| 74/04/17 | 12 15 | 0003 | 214 | 10 | 49 | 10 | 0 | 10 | 342 | 635 |
| 74/04/30 | 11 05 | 0003 | 418 | 0 | 0 | 330 | 22 | 0 | 1078 | 1870 |
| 74/05/14 | 10 05 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 12320 | 12360 |
| 74/06/12 | 08 20 | 0003 | 176 | 0 | 0 | 0 | 88 | 0 | 4972 | 5236 |
| 74/06/26 | 09 05 | 0003 | 0 | 0 | 0 | 25 | 0 | 0 | 3890 | 3915 |
| 74/07/10 | 07 30 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 1166 | 1188 |
| 74/07/24 | 08 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 5324 | 5324 |
| 74/08/13 | 12 55 | 0003 | 88 | 0 | 0 | 0 | 22 | 0 | 2420 | 2530 |
| 74/08/27 | 13 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2068 | 2068 |
| 74/09/12 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1628 | 1628 |
| 74/09/24 | 11 45 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 1628 | 1694 |
| 74/10/08 | 10 30 | 0003 | 22 | 0 | 0 | 22 | 0 | 0 | 594 | 638 |
| 74/10/22 | 10 40 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 1430 | 1452 |
| 74/11/20 | 08 10 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 506 | 528 |
| 74/12/10 | 12 25 | 0003 | 110 | 0 | 0 | 0 | 0 | 0 | 330 | 440 |

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38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BURFC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0007 | | | |
| 69/02/03 | | | 0.0002 | | | |
| 69/03/06 | | | 0.0090 | | | |
| 69/05/23 | | | 0.0361 | | | |
| 69/06/22 | | | 0.0173 | | | |
| 69/07/21 | | | 0.0955 | | | |
| 69/08/17 | | | 0.3290 | | | |
| 69/09/15 | | | 0.0696 | | | |
| 69/10/18 | | | 0.0068 | | | |
| 69/11/18 | | | 0.0012 | | | |
| 69/12/20 | | | 0.0018 | | | |
| 70/01/16 | | | 0.0002 | | | |
| 70/02/15 | | | 0.0001 | | | |
| 70/03/19 | | | 0.0002 | | | |
| 70/04/16 | | | 0.0120 | | | |
| 70/05/16 | | | 0.0007 | | | |
| 70/06/13 | | | 0.0051 | | | |
| 70/07/12 | | | 0.0324 | | | |
| 70/08/22 | | | 0.0909 | | | |
| 70/09/20 | | | 0.0962 | | | |
| 70/10/20 | | | 0.1030J | | | |
| 70/11/20 | | | 0.0000 | | | |
| 70/12/21 | | | 0.0001 | | | |
| 71/01/20 | | | 0.0001 | | | |
| 71/02/20 | | | 0.0008 | | | |
| 71/03/07 | | | 0.0026 | | | |
| 71/04/06 | | | 0.0033 | 0.67L | 0.00L | 1.85L |
| 71/04/21 | | | | 39.41L | 0.00L | 4.12L |
| 71/05/04 | | | | 90.59L | 0.00L | 16.47L |
| 71/05/05 | | | 0.0001 | 0.15L | 0.10L | 2.70L |
| 71/05/19 | | | | 683.50L | 0.59L | 39.41L |
| 71/06/02 | | | | 740.60L | 0.00L | 26.47L |
| 71/06/04 | | | 0.0019 | 0.05L | 0.88L | 1.52L |
| 71/06/16 | | | | 684.70L | 0.00L | 30.00L |
| 71/07/01 | | | 0.0168 | 246.00L | 0.00L | 37.00L |
| 71/07/02 | | | | 0.02L | 0.00L | 1.78L |

STORET RETRIEVAL DATE 77/03/14

052505 D9 40
38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

1138UREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/07/15 | | | | 127.10L | 0.00L | 62.35L |
| 71/07/31 | | | 0.0241 | 0.23L | 1.47L | 43.53L |
| 71/08/03 | | | | 18.82L | 0.00L | 136.50L |
| 71/08/17 | | | | 70.59L | 0.00L | 35.88L |
| 71/08/30 | | | | 103.50L | 0.00L | 33.53L |
| 71/09/02 | | | 0.0163 | 0.02L | 0.46L | 2.03L |
| 71/09/15 | | | | 500.60L | 0.00L | 51.18L |
| 71/09/28 | | | | 183.50L | 0.00L | 18.24L |
| 71/10/14 | | | 0.0297 | 0.00L | 0.12L | 25.22L |
| 71/10/26 | | | | 81.18L | 0.00L | 31.18L |
| 71/11/12 | | | 0.0352 | 0.00L | 0.05L | 10.25L |
| 71/12/14 | | | 0.0012 | 0.00L | 0.08L | 10.29L |
| 72/01/12 | | | 0.0005 | 16.78L | 0.00L | 11.60L |
| 72/02/14 | | | 0.0037 | 8.00 | 0.03 | 7.00 |
| 72/03/13 | | | 0.0019 | 8.23 | 0.02 | 10.96 |
| 72/04/10 | | | 0.0681 | 64.12 | 0.00 | 85.14 |
| 72/04/21 | | | 0.0142 | 148.30 | 0.00 | 50.38 |
| 72/05/07 | | | 0.0368 | 1.06 | 0.00 | 122.10 |
| 72/05/23 | | | 0.0121 | 2.00 | 0.00 | 102.00 |
| 72/06/07 | | | 0.0205 | 28.86 | 0.00 | 172.80 |
| 72/06/21 | | | 0.0025 | 63.22 | 0.00 | 230.80 |
| 72/07/06 | | | 0.0037 | 76.51 | 0.00 | 412.70 |
| 72/07/19 | | | 0.0219 | 37.00 | 0.00 | 391.70 |
| 72/08/03 | | | 0.1569 | 12.48 | 0.00 | 283.20 |
| 72/08/16 | | | 0.0148 | 100.00 | 0.00 | 157.00 |
| 72/09/14 | | | 0.2470 | 325.90 | 0.05 | 212.90 |
| 72/09/30 | | | 0.2157 | 120.00 | 0.18 | 163.00 |
| 72/10/18 | | | 0.0516 | 12.94 | 0.11 | 66.73 |
| 72/10/28 | | | 0.0569 | 2.35 | 0.00 | 38.61 |
| 72/11/16 | | | 0.0882 | 16.00 | 0.00 | 46.00 |
| 72/12/20 | | | 0.0153 | 2.00 | 0.04 | 18.00 |
| 73/03/16 | | | 0.0334 | 17.38 | 0.24 | 14.51 |
| 73/04/11 | | | 0.0043 | 30.14 | 0.02 | 62.29 |
| 73/04/26 | | | 0.0688 | 60.61 | 0.00 | 88.85 |
| 73/05/10 | | | 0.3723 | 77.06 | 0.00 | 108.00 |
| 73/05/28 | | | 0.0932 | 78.24 | 0.00 | 49.28 |

STORET RETRIEVAL DATE 77/03/14

052505 D9 40
38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 73/06/08 | | | 0.1177 | 56.47 | 0.01 | 44.95 |
| 73/06/27 | | | 0.0642 | 203.80 | 0.04 | 80.11 |
| 73/07/10 | | | 0.0077 | 269.70 | 0.00 | 477.60 |
| 73/07/25 | | | 0.0334 | 295.00 | 0.00 | 161.00 |
| 73/08/08 | | | 0.0210 | 466.70 | 0.00 | 272.90 |
| 73/08/22 | | | 0.2247 | 51.33 | 0.00 | 219.80 |
| 73/09/06 | | | 0.1114 | 83.53 | 0.00 | 120.00 |
| 73/09/19 | | | 0.2470 | 101.50 | 0.04 | 109.90 |
| 73/10/03 | | | 0.0882 | 166.00 | 0.04 | 65.22 |
| 73/10/18 | | | 0.0141 | 82.94 | 0.14 | 76.79 |
| 73/11/19 | | | 0.0053 | 20.74 | 0.83 | 11.16 |
| 74/03/15 | | | 0.0047 | 29.75 | 0.09 | 7.73 |
| 74/04/02 | | | 0.0013 | 38.58 | 0.44 | 15.17 |
| 74/04/17 | | | 0.0009 | 77.99 | 0.64 | 15.92 |
| 74/05/14 | | | 0.2886 | 169.50 | 4.55 | 39.98 |
| 74/05/29 | | | 0.1529 | 263.70 | 0.18 | 20.92 |
| 74/06/18 | | | 0.2793 | 353.70 | 0.00 | 45.12 |
| 74/06/28 | | | 0.0968 | 79.00 | 0.00 | 29.62 |
| 74/07/11 | | | 0.5367 | 62.63 | 0.67 | 48.62 |
| 74/07/25 | | | 0.0770 | 222.80 | 0.77 | 43.86 |
| 74/08/12 | | | 0.3166 | 201.10 | 0.15 | 56.36 |
| 74/08/26 | | | 0.0680 | 44.21 | 0.13 | 23.07 |
| 74/09/13 | | | 0.3404 | 87.89 | 0.87 | 55.38 |
| 74/09/24 | | | 0.0186 | 74.09 | 0.88 | 15.43 |
| 74/10/08 | | | 0.0219 | 55.97 | 0.20 | 22.15 |
| 74/10/23 | | | 0.0031 | 22.00 | 0.15 | 11.74 |
| 74/11/20 | | | 0.0000 | 3.70 | 1.24 | 11.16 |

STORET RETRIEVAL DATE 77/03/14

052505 D9 40
38 04 26.0 121 56 12.0 2
HONKER BAY NEAR WHEELER POINT-D9
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/20 | 12 00 | 0003 | 1.1 | | | | | | | | |
| 68/06/18 | 12 15 | 0003 | 2.0 | | | | | | | | |
| 68/07/18 | 11 55 | 0003 | 1.3 | | | | | | | | |
| 68/09/26 | 08 52 | 0003 | 1.9 | | | | | | | | |
| 68/10/28 | 10 25 | 0003 | 1.7 | | | | | | | | |
| 68/11/26 | 09 45 | 0003 | 1.5 | | | | | | | | |
| 68/12/17 | 13 20 | 0003 | 0.9 | | | | | | | | |
| 69/01/29 | 11 40 | 0003 | 1.4 | | | | | | | | |
| 69/02/27 | 11 05 | 0003 | 1.0 | | | | | | | | |
| 69/03/28 | 11 25 | 0003 | 1.2 | | | | | | | | |
| 69/05/07 | 07 55 | 0003 | 0.7 | | | | | | | | |
| 69/06/10 | 15 05 | 0003 | 1.4 | | | | | | | | |
| 69/07/22 | 11 35 | 0003 | 1.2 | | | | | | | | |
| 69/08/19 | 09 35 | 0003 | 1.5 | | | | | | | | |
| 69/09/17 | 09 20 | 0003 | 1.1 | | | | | | | | |
| 69/10/21 | 15 30 | 0003 | 1.2 | | | | | | | | |
| 69/11/21 | 11 20 | 0003 | 1.5 | | | | | | | | |
| 70/02/11 | 09 40 | 0003 | 0.5 | | | | | | | | |
| 70/03/19 | 14 35 | 0003 | 0.8 | | | | | | | | |
| 70/04/15 | 11 15 | 0003 | 0.7 | | | | | | | | |
| 70/05/20 | 17 40 | 0003 | 1.1 | | | | | | | | |
| 70/06/17 | 16 30 | 0003 | 1.1 | | | | | | | | |
| 70/07/16 | 16 45 | 0003 | 1.7 | | | | | | | | |
| 70/08/14 | 15 40 | 0003 | 2.6 | | | | | | | | |
| 70/09/11 | 14 50 | 0003 | 1.4 | | | | | | | | |
| 70/10/09 | 13 30 | 0003 | 1.7 | | | | | | | | |
| 71/03/04 | 09 35 | 0003 | | | 1.3 | 1.7 | 2.3 | 2.1 | | 4.5 | |
| 71/04/06 | 12 15 | 0003 | 0.6 | | 1.4 | 1.4 | 1.5 | 1.7 | | | |
| 71/05/04 | 12 40 | 0003 | | | 3.0 | 3.8 | 3.7 | | 3.7 | | 4.1 |
| 71/06/02 | 12 10 | 0003 | | | 1.5 | 3.0 | 3.0 | | 3.7 | | 3.8 |
| 71/06/30 | 10 35 | 0003 | | | 1.8 | 2.9 | 3.3 | | 4.1 | | 4.6 |
| 71/08/03 | 14 55 | 0003 | | | 1.7 | 2.9 | 4.4 | | 4.8 | | 8.6L |
| 71/08/31 | 14 00 | 0003 | | | 1.2 | 2.4 | 2.1 | | 2.8 | | |
| 71/09/28 | 12 00 | 0003 | | | 1.3 | 1.8 | 2.8 | | 3.2 | | 3.5 |
| 71/10/26 | 11 55 | 0003 | | | 1.0 | 1.4 | | | 2.4 | | 2.8 |
| 71/11/16 | 12 20 | 0003 | | | 1.1 | 1.8 | 2.1 | | 2.5 | | 3.1 |
| 72/07/19 | 12 50 | 0003 | 1.8 | | | | | | | | |
| 72/09/20 | 15 05 | 0003 | | | 1.6 | 2.5 | | | | | 5.2 |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 55 00 LATITUDE - 38 02 50

MONITORING STATION FOR DELTA-SAN LUIS DRAIN SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED NEAR INDUSTRIAL AREA, IN A NAVIGATION CHANNEL.

SAMPLING POINT - CENTER OF SACRAMENTO RIVER BETWEEN CHIPPS AND MILLARD

ISLANDS, NORTH OF FL 4SEC 20FT "26". DEPTH AT SITE IS 29 FT AT MLLW.

SAMPLES COLLECTED AT A DEPTH OF 1 METER BY U.S.B.R. AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY

METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY

PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/10/30 | 12 00 | 0003 | 37.24C | | | | | | | | | | |
| 68/11/25 | 10 20 | 0003 | 8.36C | | | | | | | | | | |
| 69/01/28 | 12 50 | 0003 | 1.29C | | | | | | | | | | |
| 69/02/26 | 11 45 | 0003 | 2.05C | | | | | | | | | | |
| 69/03/27 | 12 25 | 0003 | 3.50C | | | | | | | | | | |
| 69/05/08 | 08 50 | 0003 | 7.37C | | | | | | | | | | |
| 69/05/14 | 18 00 | 0003 | | | | | | 2.67M | 1.32 | 1.60 | 3.99 | 0.43 | |
| 69/06/11 | 16 05 | 0003 | 6.54C | | | | | 2.22M | 1.30 | 1.65 | 3.52 | 0.38 | |
| 69/07/23 | 12 55 | 0003 | 34.20C | | | | | 3.04M | 2.28 | 3.68 | 5.32 | 0.57 | |
| 69/08/20 | 12 35 | 0003 | 43.32C | | | | | 1.22M | 2.61 | 3.74 | 3.82 | 0.41 | |
| 69/09/18 | 11 20 | 0003 | 16.00 | 2.10M | 8.40 | 17.00 | 49 | 0.74M | 1.59 | 2.50 | 2.33 | 0.25 | |
| 69/10/21 | 16 10 | 0003 | 6.00 | 0.61M | 2.60 | 6.80 | 47 | | | | | | |
| 69/11/20 | 13 50 | 0003 | 8.36C | | | | | | | | | | |
| 70/02/12 | 08 40 | 0003 | 1.52C | | | | | | | | | | |
| 70/03/16 | 12 00 | 0003 | 3.27C | | | | | | | | | | |
| 70/04/16 | 13 10 | 0003 | 6.38C | | | | | 1.18M | 0.67 | 1.24 | 1.85 | 0.20 | |
| 70/05/18 | 15 50 | 0003 | 8.90 | 0.26M | 2.30 | 7.90 | 53 | 1.66M | 1.37 | 1.85 | 3.03 | 0.32 | |
| 70/06/15 | 15 30 | 0003 | 21.00 | 0.41M | 4.30 | 8.90 | 70 | 0.66M | 2.83 | 3.35 | 3.50 | 0.38 | |
| 70/07/15 | 15 50 | 0003 | 19.00 | 0.31M | 5.10 | 11.00 | 63 | 0.41M | 2.38 | 4.40 | 2.80 | 0.30 | |
| 70/08/13 | 15 20 | 0003 | 76.00 | 2.00M | 18.00 | 15.00 | 84 | 1.39M | 3.97 | 7.18 | 5.36 | 0.58 | |
| 70/09/09 | 13 35 | 0003 | 28.00 | 0.20M | 4.50 | 8.90 | 76 | 1.63 | 2.60 | 3.50 | 0.97 | 0.10 | |
| 70/10/07 | 12 00 | 0003 | 17.00 | 0.40M | 4.20 | 4.80 | 79 | 1.79 | 1.32 | 2.12 | 0.47M | 0.05M | |
| 70/11/20 | 11 30 | 0003 | 8.20 | 0.17M | 3.20 | 4.20 | 66 | | | | | | |
| 71/03/04 | 10 00 | 0003 | 3.40 | 0.00 | 0.00 | 2.30 | 59 | | | | | | |
| 71/03/24 | 13 45 | 0003 | 5.00 | 0.00 | 0.18 | 1.30 | 79 | | | | | | |
| 71/04/06 | 12 45 | 0003 | 3.60 | 0.00 | 0.00 | 1.20 | 74 | | | | | | |
| 71/04/21 | 12 55 | 0003 | 7.80 | 0.00 | 1.30 | 2.60 | 75 | | | | | | |
| 71/05/04 | 13 05 | 0003 | 33.00 | 0.00 | 9.00 | 6.10 | 84 | 1.70 | 3.88 | 4.00 | 2.18 | 0.23 | |
| 71/05/19 | 13 35 | 0003 | 27.00 | 0.00 | 7.00 | 6.50 | 80 | | | | | | |
| 71/06/02 | 12 35 | 0003 | 16.00 | 0.00 | 3.90 | 3.50 | 82 | 1.53 | 2.93 | 2.35 | 1.40 | 0.15 | |
| 71/06/16 | 11 50 | 0003 | 23.00 | 0.00 | 5.00 | 8.20 | 73 | | | | | | |
| 71/06/30 | 11 05 | 0003 | 20.00 | 0.23 | 5.50 | 7.90 | 72 | 0.99M | 3.05 | 2.40 | 4.04 | 0.43 | |
| 71/07/15 | 12 05 | 0003 | 29.00 | 0.62 | 10.00 | 16.00 | 63 | | | | | | |
| 71/08/03 | 15 20 | 0003 | 27.00 | 0.25 | 5.90 | 15.00 | 64 | 4.75M | 2.49 | 3.75 | 7.24 | 0.78 | 4.20 |
| 71/08/17 | 16 20 | 0003 | 24.00 | 0.18 | 10.00 | 12.00 | 65 | | | | | | |
| 71/08/31 | 14 30 | 0003 | 16.00 | 0.00 | 3.50 | 9.20 | 63 | 2.50M | 1.70 | 2.25 | 4.20 | 0.45 | 2.56 |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMPNT/STREAM

1138UREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY | PRODUCT MAX-GROSS +0.5 p/m N G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/09/15 | 15 00 | 0003 | 15.00 | 0.16 | 4.50 | 9.80 | 61 | | | | | | |
| 71/09/28 | 12 30 | 0003 | 15.00 | 0.11 | 2.40 | 6.70 | 69 | 1.49M | 1.47 | 1.90 | 2.96 | 0.32 | 1.84 |
| 71/10/15 | 14 05 | 0003 | 15.00 | 0.98 | 2.10 | 14.00 | 51 | | | | | | |
| 71/10/26 | 12 25 | 0003 | 8.80 | 0.57 | 0.96 | 7.40 | 54 | 0.99M | 0.83 | 0.88 | 1.83 | 0.20 | 1.20 |
| 71/11/17 | 15 05 | 0003 | 5.10 | 0.30 | 1.40 | 4.70 | 52 | | | | | | |
| 71/12/13 | 13 40 | 0003 | 2.10 | 0.08 | 0.55 | 3.50 | 37 | | | | | | |
| 72/01/10 | 13 40 | 0003 | 1.20 | 0.10 | 0.34 | 1.70 | 41 | | | | | | |
| 72/02/11 | 13 55 | 0003 | 1.20 | 0.29 | 0.71 | 1.50 | 45 | | | | | | |
| 72/03/09 | 11 00 | 0003 | 2.60 | 0.08 | 0.80 | 1.40 | 64 | | | | | | |
| 72/03/22 | 10 30 | 0003 | 4.60 | 0.31 | 0.00 | 3.20 | 58 | 0.98M | 0.57 | 0.87 | 1.55 | 0.17 | |
| 72/04/10 | 15 15 | 0003 | 6.00 | 0.89 | 1.00 | 13.00 | 31 | | | | | | |
| 72/05/09 | 14 05 | 0003 | 23.00 | 0.00 | 8.10 | 10.00 | 68 | | | | | | |
| 72/05/22 | 14 30 | 0003 | 13.00 | 0.15 | 2.30 | 6.60 | 66 | 0.00 | 1.87 | 0.88 | 1.87 | 0.20 | |
| 72/06/07 | 14 20 | 0003 | 23.00 | 1.50 | 5.20 | 9.10 | 71 | | | | | | |
| 72/06/20 | 14 05 | 0003 | 30.00 | 0.09 | 6.80 | 9.20 | 76 | 2.42M | 2.22 | 1.40 | 4.65 | 0.50 | |
| 72/07/07 | 16 30 | 0003 | 22.00 | 1.60 | 3.40 | 11.00 | 67 | | | | | | |
| 72/07/19 | 13 10 | 0003 | 31.00 | 0.40 | 5.30 | 11.00 | 73 | 1.64M | 1.16 | 1.00 | 2.80 | 0.30 | |
| 72/08/07 | 16 00 | 0003 | 54.00 | 0.00 | 13.00 | 18.00 | 75 | | | | | | |
| 72/08/21 | 17 15 | 0003 | 25.00 | 0.41 | 5.20 | 9.00 | 73 | 4.52M | 3.16 | 1.90 | 7.67 | 0.82 | |
| 72/09/07 | 17 20 | 0003 | 32.00 | 4.60 | 2.20 | 13.00 | 70 | | | | | | |
| 72/09/20 | 15 25 | 0003 | 34.00 | 2.10 | 8.30 | 15.00 | 68 | 2.60M | 2.07 | 1.89 | 4.67 | 0.50 | |
| 72/10/04 | 15 30 | 0003 | 35.00 | 0.60 | 8.20 | 12.00 | 74 | | | | | | |
| 72/10/18 | 14 20 | 0003 | 16.00 | 0.33 | 3.50 | 10.00 | 62 | | | | | | |
| 72/11/15 | 11 10 | 0003 | 6.50 | 0.57 | 1.40 | 7.60 | 46 | | | | | | |
| 72/12/12 | 09 10 | 0003 | 1.10 | 0.13 | 0.27 | 2.30 | 31 | | | | | | |
| 73/01/15 | 12 00 | 0003 | 1.40 | | | 2.20 | 40 | | | | | | |
| 73/02/13 | 12 40 | 0003 | 1.40 | | | 1.10 | 55 | | | | | | |
| 73/03/15 | 12 45 | 0003 | 2.70 | | | 1.50 | 64 | 1.92M | 0.44 | 0.27 | 2.36 | 0.25 | |
| 73/03/28 | 11 00 | 0003 | 3.00 | | | 1.90 | 61 | | | | | | |
| 73/04/11 | 13 45 | 0003 | 7.40 | | | 6.10 | 55 | 0.34M | 0.90 | 0.76 | 1.24 | 0.13 | |
| 73/04/25 | 12 00 | 0003 | 32.00 | | | 15.00 | 68 | | | | | | |
| | 12 01 | 0015 | 32.00 | | | 15.00 | 68 | | | | | | |
| | 12 02 | 0025 | 33.00 | | | 16.00 | 66 | | | | | | |
| | 12 03 | 0029 | 34.00 | | | 17.00 | 67 | | | | | | |
| 73/05/09 | 12 25 | 0003 | 19.00 | | | 14.00 | 56 | 1.12M | 2.12 | 1.71 | 3.23 | 0.35 | |
| 73/05/30 | 16 40 | 0003 | 33.00 | | | 16.00 | 68 | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/06/12 | 17 10 | 0003 | 17.00 | | | 8.50 | 68 | 2.44M | 1.71 | 1.65 | 4.15 | 0.44 |
| | 17 13 | 0029 | 9.70 | | | 9.30 | 51 | | | | | |
| 73/06/27 | 15 30 | 0003 | 13.00 | | | 6.40 | 68 | | | | | |
| | 15 31 | 0029 | 12.00 | | | 10.00 | 53 | | | | | |
| 73/07/11 | 15 30 | 0003 | 40.00 | | | 16.00 | 71 | 5.09M | 2.25 | 2.45 | 7.34 | 0.79 |
| | 15 33 | 0029 | 41.00 | | | 21.00 | 66 | | | | | |
| 73/08/07 | 15 25 | 0003 | 41.00 | | | 17.00 | 71 | 2.31 | 2.68 | 2.64 | 0.37 | 0.04 |
| | 15 28 | 0029 | 46.00 | | | 18.00 | 72 | | | | | |
| 73/08/22 | 12 20 | 0003 | 31.00 | | | 19.00 | 62 | | | | | |
| | 12 23 | 0029 | 31.00 | | | 20.00 | 61 | | | | | |
| 73/09/05 | 14 25 | 0003 | 20.00 | | | 7.60 | 73 | 1.69M | 1.85 | 1.50 | 3.54 | 0.38 |
| | 14 28 | 0029 | 21.00 | | | 8.60 | 72 | | | | | |
| 73/09/19 | 10 50 | 0003 | 15.00 | | | 9.40 | 62 | | | | | |
| 73/10/03 | 12 35 | 0003 | 14.00 | | | 8.00 | 65 | 0.26M | 1.04 | 1.04 | 1.30 | 0.14 |
| 73/10/31 | 09 00 | 0003 | 6.40 | | | 6.50 | 50 | | | | | |
| | 09 01 | 0029 | 9.80 | | | 11.00 | 45 | | | | | |
| 73/12/05 | 14 05 | 0003 | 1.40 | | | 1.00 | 57 | | | | | |
| 74/01/16 | 10 10 | 0003 | 1.20 | | | 0.81 | 60 | | | | | |
| 74/02/15 | 12 15 | 0003 | 1.70 | | | 0.64 | 73 | | | | | |
| 74/03/20 | 15 00 | 0003 | 3.20 | | | 1.60 | 66 | | | | | |
| 74/04/03 | 14 05 | 0003 | 3.20 | | | 1.70 | 65 | | | | | |
| 74/04/18 | 14 25 | 0003 | 4.70 | | | 2.00 | 70 | | | | | |
| 74/05/01 | 13 45 | 0003 | 10.00 | | | 3.80 | 73 | | | | | |
| 74/05/15 | 12 05 | 0003 | 24.00 | | | 9.00 | 73 | | | | | |
| 74/06/13 | 11 45 | 0003 | 23.00 | | | 13.00 | 63 | | | | | |
| 74/06/27 | 11 40 | 0003 | 13.00 | | | 9.90 | 58 | | | | | |
| 74/07/11 | 09 55 | 0003 | 8.30 | | | 6.80 | 55 | | | | | |
| 74/07/25 | 10 15 | 0003 | 10.00 | | | 8.90 | 54 | | | | | |
| 74/08/14 | 14 45 | 0003 | 9.40 | | | 7.60 | 55 | | | | | |
| 74/08/28 | 14 45 | 0003 | 9.70 | | | 7.00 | 58 | | | | | |
| 74/09/11 | 15 05 | 0003 | 12.00 | | | 6.30 | 67 | | | | | |
| 74/09/25 | 13 35 | 0003 | 16.00 | | | 8.20 | 66 | | | | | |
| 74/10/09 | 12 00 | 0003 | 5.40 | | | 6.30 | 46 | | | | | |
| 74/10/23 | 11 25 | 0003 | 4.60 | | | 3.00 | 60 | | | | | |
| 74/11/21 | 11 05 | 0003 | 1.90 | | | 2.40 | 45 | | | | | |
| 74/12/11 | 14 25 | 0003 | 1.40 | | | 1.30 | 51 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 68/11/25 | 10 20 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 730 | 740 |
| 68/12/18 | 13 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| 69/01/28 | 12 50 | 0003 | 10 | 0 | 0 | 10 | 0 | 0 | 230 | 250 |
| 69/02/26 | 11 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 160 | 160 |
| 69/03/27 | 12 25 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 70 | 80 |
| 69/05/08 | 08 50 | 0003 | 60 | 0 | 0 | 10 | 60 | 0 | 660 | 790 |
| 69/06/11 | 16 05 | 0003 | 20 | 0 | 0 | 0 | 30 | 0 | 410 | 460 |
| 69/07/23 | 12 55 | 0003 | 210 | 0 | 0 | 0 | 10 | 0 | 3270 | 3490 |
| 69/08/20 | 12 35 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 2980 | 3010 |
| 69/09/18 | 11 20 | 0003 | 250 | 0 | 0 | 0 | 0 | 0 | 3530 | 3780 |
| 69/10/21 | 16 10 | 0003 | 20 | 0 | 0 | 0 | 20 | 0 | 940 | 980 |
| 69/11/20 | 13 50 | 0003 | 20 | 0 | 0 | 0 | 40 | 0 | 890 | 950 |
| 70/02/12 | 08 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 90 |
| 70/03/16 | 12 00 | 0003 | 240 | 0 | 0 | 0 | 210 | 0 | 420 | 870 |
| 70/04/16 | 13 10 | 0003 | 60 | 0 | 0 | 0 | 0 | 0 | 690 | 750 |
| 70/05/18 | 15 50 | 0003 | 30 | 0 | 0 | 0 | 120 | 0 | 240 | 390 |
| 70/06/15 | 15 30 | 0003 | 400 | 0 | 0 | 0 | 90 | 0 | 1140 | 1630 |
| 70/07/15 | 15 50 | 0003 | 30 | 0 | 0 | 0 | 120 | 0 | 1590 | 1740 |
| 70/08/13 | 15 20 | 0003 | 240 | 0 | 0 | 0 | 0 | 0 | 5880 | 6120 |
| 70/09/09 | 13 35 | 0003 | 150 | 0 | 0 | 0 | 300 | 0 | 5230 | 5680 |
| 70/10/07 | 12 00 | 0003 | 60 | 0 | 0 | 0 | 300 | 0 | 3640 | 4000 |
| 70/11/20 | 11 30 | 0003 | 240 | 0 | 0 | 0 | 60 | 0 | 3070 | 3370 |
| 71/03/04 | 10 00 | 0003 | 30 | 0 | 0 | 0 | 90 | 0 | 150 | 270 |
| 71/04/06 | 12 45 | 0003 | 0 | 0 | 0 | 0 | 240 | 0 | 390 | 630 |
| 71/05/04 | 13 05 | 0003 | 240 | 0 | 0 | 0 | 450 | 30 | 7170 | 7890 |
| 71/06/02 | 12 35 | 0003 | 330 | 0 | 0 | 0 | 630 | 0 | 3900 | 4860 |
| 71/06/30 | 11 05 | 0003 | 300 | 0 | 0 | 0 | 300 | 0 | 5610 | 6210 |
| 71/08/03 | 15 20 | 0003 | 150 | 0 | 0 | 0 | 0 | 0 | 4990 | 5140 |
| 71/08/31 | 14 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 444 | 444 |
| 71/09/28 | 12 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 703 | 703 |
| 71/10/26 | 12 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 81 | 81 |
| 71/11/17 | 15 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 278 | 278 |
| 71/12/13 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 55 |
| 72/01/10 | 13 40 | 0003 | 6J | 0J | 0J | 0J | 0J | 0J | 26J | 32J |
| 72/03/09 | 11 00 | 0003 | 4J | 0J | 0J | 0J | 12J | 0J | 26J | 42J |
| 72/03/22 | 10 30 | 0003 | 4J | 0J | 0J | 0J | 4J | 0J | 114J | 122J |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/05/22 | 14 30 | 0003 | 2J | 0J | 0J | 0J | 0J | 0J | 60J | 62J |
| 72/06/20 | 14 05 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 914J | 914J |
| 72/07/19 | 13 10 | 0003 | 4J | 0J | 0J | 0J | 2J | 0J | 1724J | 1730J |
| 72/10/18 | 14 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1131 | 1131 |
| 72/11/15 | 11 10 | 0003 | 20 | 0 | 0 | 0 | 0 | 0 | 363 | 383 |
| 72/12/12 | 09 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/01/15 | 12 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/13 | 12 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/03/15 | 12 45 | 0003 | 71 | 0 | 0 | 0 | 0 | 0 | 261 | 332 |
| 73/03/28 | 11 00 | 0003 | 24 | 0 | 0 | 0 | 12 | 0 | 384 | 420 |
| 73/04/11 | 13 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 202 | 202 |
| 73/04/25 | 12 00 | 0003 | 36 | 0 | 0 | 0 | 48 | 0 | 1452 | 1536 |
| 73/05/09 | 12 25 | 0003 | 12 | 0 | 0 | 0 | 132 | 132 | 1586 | 1862 |
| 73/05/30 | 16 40 | 0003 | 12 | 0 | 0 | 0 | 48 | 0 | 1728 | 1788 |
| 73/06/12 | 17 10 | 0003 | 0 | 0 | 0 | 0 | 24 | 0 | 1068 | 1092 |
| 73/07/11 | 15 30 | 0003 | 12 | 0 | 0 | 0 | 24 | 0 | 1188 | 1224 |
| 73/08/07 | 15 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/08/22 | 12 20 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 2197 | 7247 |
| 73/09/05 | 14 25 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 1140 | 1152 |
| 73/09/19 | 10 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 404 | 404 |
| 73/10/03 | 12 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | 138 |
| 73/10/31 | 09 00 | 0003 | 10 | 0 | 20 | 0 | 10 | 0 | 686 | 726 |
| 73/12/05 | 14 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74/01/16 | 10 10 | 0003 | 60 | 0 | 0 | 0 | 0 | 0 | 80 | 140 |
| 74/02/15 | 12 15 | 0003 | 0 | 0 | 23 | 0 | 0 | 0 | 46 | 69 |
| 74/03/20 | 15 00 | 0003 | 96 | 0 | 15 | 0 | 25 | 0 | 368 | 504 |
| 74/04/03 | 14 05 | 0003 | 202 | 0 | 0 | 0 | 0 | 0 | 302 | 504 |
| 74/04/18 | 14 25 | 0003 | 220 | 22 | 0 | 220 | 0 | 0 | 506 | 968 |
| 74/05/01 | 13 45 | 0003 | 198 | 0 | 0 | 154 | 22 | 0 | 2068 | 2442 |
| 74/05/15 | 12 05 | 0003 | 44 | 0 | 0 | 22 | 22 | 0 | 8954 | 8866 |
| 74/06/13 | 11 45 | 0003 | 132 | 0 | 0 | 0 | 22 | 0 | 3828 | 3982 |
| 74/06/27 | 11 40 | 0003 | 171 | 0 | 0 | 10 | 0 | 0 | 4049 | 4230 |
| 74/07/11 | 09 55 | 0003 | 333 | 0 | 0 | 30 | 0 | 0 | 1253 | 1616 |
| 74/07/25 | 10 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1716 | 1716 |
| 74/08/14 | 14 45 | 0003 | 66 | 0 | 0 | 0 | 0 | 0 | 990 | 1056 |
| 74/08/28 | 14 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1188 | 1188 |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 74/09/11 | 15 05 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 1056 | 1100 |
| 74/09/25 | 13 35 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 1716 | 1760 |
| 74/10/09 | 12 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 836 | 836 |
| 74/10/23 | 11 25 | 0003 | 44 | 0 | 0 | 0 | 0 | 0 | 1716 | 1760 |
| 74/11/21 | 11 05 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 418 | 440 |
| 74/12/11 | 14 25 | 0003 | 22 | 0 | 0 | 0 | 0 | 0 | 726 | 748 |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/07 | | | 0.0890 | | | |
| 69/02/04 | | | 0.0001 | | | |
| 69/03/07 | | | 0.0002 | | | |
| 69/05/24 | | | 0.0266 | | | |
| 69/06/23 | | | 0.0050 | | | |
| 69/07/22 | | | 0.0847 | | | |
| 69/08/18 | | | 0.2299 | | | |
| 69/09/16 | | | 0.0663 | | | |
| 69/10/19 | | | 0.0467 | | | |
| 69/11/17 | | | 0.0241 | | | |
| 69/12/20 | | | 0.0031J | | | |
| 70/01/15 | | | 0.0024 | | | |
| 70/02/14 | | | 0.0001 | | | |
| 70/03/17 | | | 0.0022 | | | |
| 70/04/15 | | | 0.0556 | | | |
| 70/05/15 | | | 0.0939 | | | |
| 70/06/12 | | | 0.0674 | | | |
| 70/07/11 | | | 0.2271 | | | |
| 70/08/23 | | | 0.0931 | | | |
| 70/09/21 | | | 0.1360 | | | |
| 70/10/22 | | | 0.3296 | | | |
| 70/11/19 | | | 0.0285 | | | |
| 70/12/22 | | | 0.0013 | | | |
| 71/01/21 | | | 0.0004 | | | |
| 71/02/21 | | | 0.0026 | | | |
| 71/03/07 | | | 0.0109 | | | |
| 71/04/07 | | | 0.0092 | 0.40L | 0.24L | 1.00L |
| 71/05/06 | | | 0.0275 | 2.00L | 1.37L | 11.00L |
| 71/06/05 | | | 0.0242 | 0.30L | 1.44L | 5.00L |
| 71/07/01 | | | 0.0133 | 0.40L | 5.09L | 76.00L |
| 71/08/01 | | | 0.0472 | 0.00L | 0.33L | 15.00L |
| 71/08/17 | | | | 61.76L | 0.00L | 31.76L |
| 71/09/03 | | | 0.0165 | 0.05L | 0.14L | 5.00L |
| 71/10/14 | | | 0.0086 | 0.00L | 0.00L | 33.00L |
| 71/12/15 | | | 0.0298 | 0.00L | 0.00L | 9.00L |
| 72/01/13 | | | 0.0049 | 3.00 | 0.00 | 19.00 |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/14 | | | 0.0174 | 11.00 | 0.09 | 15.00 |
| 72/03/14 | | | 0.0209 | 16.00 | 0.00 | 29.00 |
| 72/04/11 | | | 0.0396 | 23.00 | 0.00 | 52.00 |
| 72/04/24 | | | 0.0204 | 28.00 | 0.00 | |
| 72/05/09 | | | 0.0461 | 2.00 | 0.00 | 112.00 |
| 72/05/23 | | | 0.0292 | 19.00 | 0.00 | 254.00 |
| 72/06/08 | | | 0.0516 | 39.00 | 0.00 | 152.00 |
| 72/06/22 | | | 0.0042 | 121.00 | 0.00 | 228.00 |
| 72/07/08 | | | 0.0108 | 42.00 | 0.00 | 361.00 |
| 72/07/20 | | | 0.0297 | 25.00 | 0.00 | 316.00 |
| 72/08/04 | | | 0.0442 | 13.00 | 0.00 | 188.00 |
| 72/08/17 | | | 0.0078 | 70.00 | 0.10 | 156.00 |
| 72/09/15 | | | 0.0452 | 122.00 | 0.21 | 122.00 |
| 72/09/30 | | | 0.2411 | 0.00 | 0.00 | 26.00 |
| 72/10/17 | | | 0.0652 | 19.00 | 0.04 | 44.00 |
| 72/10/29 | | | 0.0754 | 68.00 | 0.04 | 51.00 |
| 72/11/17 | | | 0.0729 | 11.00 | 0.00 | 53.00 |
| 72/12/22 | | | 0.0043 | 14.00 | 0.13 | 6.00 |
| 73/03/17 | | | 0.0045 | 10.00 | 0.36 | 20.00 |
| 73/04/12 | | | 0.0587 | 37.00 | 0.00 | 80.00 |
| 73/04/27 | | | 0.1602 | 78.00 | 0.00 | 133.00 |
| 73/05/11 | | | 0.4174 | 83.00 | 0.05 | 69.00 |
| 73/05/29 | | | 0.2473 | 69.00 | 0.00 | 32.00 |
| 73/06/11 | | | 0.5471 | 51.00 | 1.18 | 17.00 |
| 73/06/28 | | | 0.0200 | 358.00 | 0.00 | 61.00 |
| 73/07/11 | | | 0.0258 | 209.00 | 0.00 | 235.00 |
| 73/07/26 | | | 0.0460 | 127.00 | 0.00 | 104.00 |
| 73/08/09 | | | 0.0199 | 193.00 | 0.25 | 311.00 |
| 73/08/23 | | | 0.0400 | 68.00 | 0.00 | 197.00 |
| 73/09/07 | | | 0.2215 | 17.00 | 0.00 | 80.00 |
| 73/09/20 | | | 0.0191 | 53.00 | 0.03 | 128.00 |
| 73/10/04 | | | 0.1520 | 91.00 | 0.07 | 82.00 |
| 73/10/19 | | | 0.1378 | 65.00 | 0.03 | 82.00 |
| 73/11/20 | | | 0.0089 | 21.00 | 0.92 | 7.00 |
| 74/03/18 | | | 0.0027 | 67.01 | 0.09 | 11.40 |
| 74/04/03 | | | 0.0005 | 86.60 | 0.58 | 12.48 |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

113BUREC 04001004
0029 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0020 | 87.81 | 0.56 | 14.72 |
| 74/05/17 | | | 0.0470 | 342.00 | 15.33 | 28.64 |
| 74/05/30 | | | 0.2630 | 676.00 | 0.07 | 40.23 |
| 74/06/17 | | | 0.1981 | 817.30 | 0.00 | 26.45 |
| 74/06/27 | | | 0.0429 | 162.90 | 0.58 | 51.70 |
| 74/07/12 | | | 0.1308 | 53.88 | 0.00 | 56.38 |
| 74/07/26 | | | 0.3019 | 50.56 | 0.00 | 87.44 |
| 74/08/13 | | | 0.2659 | 61.20 | 0.00 | 33.15 |
| 74/08/27 | | | 0.1601 | 48.89 | 0.17 | 52.66 |
| 74/09/16 | | | 0.1532 | 49.38 | 0.23 | 10.94 |
| 74/09/25 | | | 0.0599 | 126.70 | 0.39 | 16.62 |
| 74/10/09 | | | 0.1401 | 66.49 | 0.05 | 27.85 |
| 74/10/24 | | | 0.1003 | 48.08 | 0.07 | 23.73 |
| 74/11/21 | | | 0.0411 | 9.24 | 1.14 | 49.75 |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/05/20 | 12 40 | 0003 | 1.2 | | | | | | | | |
| 68/06/18 | 13 05 | 0003 | 1.4 | | | | | | | | |
| 68/07/18 | 12 45 | 0003 | 0.7 | | | | | | | | |
| 68/08/15 | 11 00 | 0003 | 1.9 | | | | | | | | |
| 68/09/27 | 10 25 | | 1.9 | | | | | | | | |
| 68/10/30 | 12 00 | 0003 | 1.4 | | | | | | | | |
| 68/11/25 | 10 20 | 0003 | 1.8 | | | | | | | | |
| 68/12/18 | 13 50 | 0003 | 0.4 | | | | | | | | |
| 69/01/28 | 12 50 | 0003 | 1.8 | | | | | | | | |
| 69/02/26 | 11 45 | 0003 | 1.9 | | | | | | | | |
| 69/03/27 | 12 25 | 0003 | 1.1 | | | | | | | | |
| 69/05/08 | 08 50 | 0003 | 0.8 | | | | | | | | |
| 69/06/11 | 16 05 | 0003 | 1.2 | | | | | | | | |
| 69/07/23 | 12 55 | 0003 | 1.5 | | | | | | | | |
| 69/08/20 | 12 35 | 0003 | 2.6 | | | | | | | | |
| 69/09/18 | 11 20 | 0003 | 1.2 | | | | | | | | |
| 69/10/21 | 16 10 | 0003 | 1.4 | | | | | | | | |
| 69/11/20 | 13 50 | 0003 | 1.4 | | | | | | | | |
| 70/02/12 | 08 40 | 0003 | 0.9 | | | | | | | | |
| 70/03/16 | 12 00 | 0003 | 0.6 | | | | | | | | |
| 70/04/16 | 13 10 | 0003 | 0.8 | | | | | | | | |
| 70/05/18 | 15 50 | 0003 | 0.7 | | | | | | | | |
| 70/06/15 | 15 30 | 0003 | 1.2 | | | | | | | | |
| 70/07/15 | 15 50 | 0003 | 1.0 | | | | | | | | |
| 70/08/13 | 15 20 | 0003 | 1.5 | | | | | | | | |
| 70/09/09 | 13 35 | 0003 | 1.4 | | | | | | | | |
| 70/10/07 | 12 00 | 0003 | | 1.4 | | | | | | | |
| 70/11/20 | 11 30 | 0003 | 0.7 | | | | | | | | |
| 71/03/04 | 10 00 | 0003 | | | 1.2 | 1.8 | 2.2 | 2.8 | | 2.8 | |
| 71/04/06 | 12 45 | 0003 | 1.6 | | 1.4 | 1.3 | 1.4 | 1.4 | | | |
| 71/05/04 | 13 05 | 0003 | | | 1.3 | 2.4 | 3.2 | | 3.4 | | 4.0 |
| 71/06/02 | 12 35 | 0003 | | | 1.4 | 1.6 | 2.6 | | 3.2 | | 3.7 |
| 71/06/30 | 11 05 | 0003 | | | 1.7 | 2.4 | 2.8 | | 3.6 | | 4.1 |
| 71/08/03 | 15 20 | 0003 | | | 1.7 | 5.0 | 5.7 | | 4.3 | | 4.7 |
| 71/08/31 | 14 30 | 0003 | | | 1.4 | 2.6 | 2.4 | | 2.9 | | 3.4 |
| 71/09/28 | 12 30 | 0003 | | | 1.2 | 2.1 | 2.7 | | 3.0 | | 3.2 |

STORET RETRIEVAL DATE 77/03/14

052506 D10 52
38 02 47.0 121 55 02.0 2
SACRAMENTO RIVER AT CHIPPS IS.
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0029 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/10/26 | 12 25 | 0003 | | | 1.1 | 1.5 | | | 2.3 | | 2.8 |
| 71/11/17 | 15 05 | 0003 | | | 0.8 | 1.6 | 2.2 | | 2.3 | | 2.6 |
| 71/12/13 | 13 40 | 0003 | | | 1.0 | 1.1 | 1.8 | | 2.0 | | 2.4 |
| 72/01/10 | 13 40 | 0003 | | | | 1.5 | | | 2.3 | | 2.5 |
| 72/02/11 | 13 55 | 0003 | | | 0.8 | 1.2 | 1.7 | | 2.1 | | 2.6 |
| 72/07/19 | 13 10 | 0003 | 1.4 | | | | | | | | |
| 72/09/20 | 15 25 | 0003 | | | 1.6 | 2.5 | | | | | 5.1 |
| 73/04/11 | 13 45 | 0003 | 2.3 | | | | | | | | |
| 73/05/09 | 12 25 | 0003 | 1.2 | | | | | | | | |
| 73/08/07 | 15 25 | 0003 | 1.4 | | | | | | | | |
| 73/09/05 | 14 25 | 0003 | 0.9 | | | | | | | | |
| 73/10/03 | 12 35 | 0003 | 1.0 | | | | | | | | |
| 73/12/05 | 14 05 | 0003 | 1.4 | | | | | | | | |
| 74/01/16 | 10 10 | 0003 | 1.3 | | | | | | | | |
| 74/02/15 | 12 15 | 0003 | 1.2 | | | | | | | | |
| 74/03/20 | 15 00 | 0003 | 1.4 | | | | | | | | |
| 74/04/03 | 14 05 | 0003 | 1.1 | | | | | | | | |
| 74/05/01 | 13 45 | 0003 | 1.1 | | | | | | | | |
| 74/06/13 | 11 45 | 0003 | 1.4 | | | | | | | | |
| 74/07/11 | 09 55 | 0003 | 0.9 | | | | | | | | |
| 74/08/14 | 14 45 | 0003 | 1.8 | | | | | | | | |
| 74/09/11 | 15 05 | 0003 | 0.9 | | | | | | | | |
| 74/10/09 | 12 00 | 0003 | 0.9 | | | | | | | | |
| 74/12/11 | 14 25 | 0003 | 1.1 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052568 D40
38 05 20.0 122 26 20.0 2
SAN PABLO BAY NEAR PETALUMA ROAD
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 26 20 LATITUDE - 38 05 20

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN A DREDGED CHANNEL, NEAR THE EDGE OF A LARGE SHALLOW BAY

SAMPLING POINT - IN THE DREDGED CHANNEL LEADING TO THE PETALUMA RIVER, NEXT TO FL R 4SEC 18 FT 10 . DEPTH AT SITE IS 5 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052568 D40
38 05 20.0 122 26 20.0 2
SAN PABLO BAY NEAR PETALUMA ROAD
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 11 00 | 0003 | 1.60 | 0.00 | 0.39 | 2.10 | 42 | | | | | |
| 71/04/21 | 10 15 | 0003 | 8.70 | 0.00 | 2.10 | 4.30 | 66 | | | | | |
| 71/05/19 | 10 50 | 0003 | 7.00 | 0.54 | 3.00 | 3.60 | 66 | | | | | |
| 71/06/16 | 08 40 | 0003 | 6.50 | 0.49 | 1.30 | 2.00 | 76 | | | | | |
| 71/08/17 | 13 35 | 0003 | 12.00 | 0.39 | 3.40 | 5.20 | 69 | | | | | |
| 71/09/15 | 12 40 | 0003 | 3.60 | 0.17 | 1.10 | 2.50 | 58 | | | | | |
| 71/11/17 | 12 20 | 0003 | 3.30 | 0.22 | 1.10 | 1.50 | 68 | | | | | |
| 72/03/09 | 08 30 | 0003 | 7.00 | 0.62 | 2.80 | 0.95 | 88 | | | | | |
| 72/04/10 | 12 30 | 0003 | 6.90 | 1.20 | 3.40 | 6.20 | 52 | | | | | |
| 72/05/09 | 11 05 | 0003 | 3.10 | 0.18 | 0.72 | 1.10 | 73 | | | | | |
| 72/06/07 | 11 35 | 0003 | 3.90 | 0.59 | 1.20 | 1.50 | 72 | | | | | |
| 72/07/07 | 13 25 | 0003 | 4.40 | 0.62 | 1.40 | 2.10 | 67 | | | | | |
| 72/08/07 | 13 30 | 0003 | 2.90 | 0.88 | 1.40 | 4.50 | 39 | | | | | |
| 72/09/07 | 14 50 | 0003 | 1.90 | 0.26 | 0.79 | 1.70 | 52 | | | | | |
| 72/10/04 | 12 25 | 0003 | 1.50 | 0.28 | 0.49 | 1.20 | 54 | | | | | |
| 72/11/16 | 09 40 | 0003 | 2.90 | 0.62 | 0.98 | 3.40 | 45 | | | | | |
| 72/12/13 | 09 05 | 0003 | 1.30 | 0.47 | 0.90 | 2.20 | 37 | | | | | |
| 73/02/14 | 11 35 | 0003 | 4.90 | | | 2.30 | 68 | | | | | |
| 73/04/11 | 10 10 | 0003 | 35.00 | | | 6.20 | 85 | 2.37 | 3.03 | 2.15 | 0.67 | 0.35 |
| 73/05/09 | 08 45 | 0003 | 38.00 | | | 5.40 | 88 | 3.51 | 4.07 | 2.15 | 0.56 | 0.29 |
| 73/06/12 | 13 50 | 0003 | 24.00 | | | 9.80 | 71 | 0.57 | 1.39 | 1.72 | 0.83 | 0.43 |
| 73/07/10 | 13 25 | 0003 | 8.60 | | | 6.60 | 57 | | | | | |
| 73/08/07 | 12 00 | 0003 | 5.50 | | | 1.50 | 79 | 1.60 | 2.04 | 1.21 | 0.44 | 0.23 |
| 73/09/05 | 10 50 | 0003 | 7.20 | | | 4.90 | 59 | 0.65 | 1.12 | 1.33 | 0.47 | 0.25 |
| 73/10/03 | 09 15 | 0003 | 2.10 | | | 1.30 | 62 | 1.22 | 1.41 | 0.49 | 0.19 | 0.10 |
| 73/12/05 | 10 35 | 0003 | 0.61 | | | 5.80 | 9 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052568 D40
38 05 20.0 122 26 20.0 2
SAN PABLO BAY NEAR PETALUMA ROAD
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 11 00 | 0003 | 60 | 0 | 0 | 0 | 90 | 0 | 120 | 270 |
| 71/04/21 | 10 15 | 0003 | 0 | 0 | 0 | 0 | 330 | 0 | 1920 | 2250 |
| 71/05/19 | 10 50 | 0003 | 0 | 0 | 0 | 0 | 600 | 0 | 1110 | 1710 |
| 71/06/16 | 08 40 | 0003 | 0 | 0 | 0 | 0 | 810 | 30 | 450 | 1290 |
| 71/07/15 | 09 15 | 0003 | 30 | 0 | 0 | 0 | 2800 | 180 | 1180 | 4190 |
| 71/08/17 | 13 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71/09/15 | 12 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 122 | 122 |
| 71/11/17 | 12 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/03/09 | 08 30 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 30J | 30J |
| 72/04/10 | 12 30 | 0003 | 0J | 0J | 0J | 0J | 216J | 2J | 82J | 300J |
| 72/05/09 | 11 05 | 0003 | 2J | 0J | 0J | 0J | 0J | 0J | 14J | 16J |
| 72/06/07 | 11 35 | 0003 | 0J | 0J | 0J | 0J | 222J | 0J | 4J | 226J |
| 72/07/07 | 13 25 | 0003 | 0J | 0J | 0J | 0J | 366J | 0J | 8J | 374J |
| 72/08/07 | 13 30 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 20J | 20J |
| 72/09/07 | 14 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/10/04 | 12 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/11/16 | 09 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/12/13 | 09 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/14 | 11 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/04/11 | 10 10 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 4807 | 4817 |
| 73/06/12 | 13 50 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 540 | 552 |
| 73/07/10 | 13 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 444 | 444 |
| 73/08/07 | 12 00 | 0003 | 12 | 0 | 0 | 0 | 24 | 0 | 204 | 240 |
| 73/09/05 | 10 50 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 72 | 84 |
| 73/10/03 | 09 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 70 |
| 73/12/05 | 10 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

STORET RETRIEVAL DATE 77/03/14

052568 D40
38 05 20.0 122 26 20.0 2
SAN PABLO BAY NEAR PETALUMA ROAD
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/03/24 | | | | 0.00L | 0.00L | 30.59L |
| 71/04/21 | | | | 5.29L | 0.00L | 35.88L |
| 71/05/19 | | | | 55.88L | 0.00L | 38.82L |
| 71/06/16 | | | | 2.35L | 0.00L | 91.18L |
| 71/07/15 | | | | 2.35L | 0.00L | 34.12L |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 11 00 | 0003 | 0.5 | | 0.5 | 1.2 | 1.4 | 1.8 | | | |
| 71/04/21 | 10 15 | 0003 | | | 1.2 | 1.6 | 2.0 | | 2.6 | | 2.4 |
| 71/05/19 | 10 50 | 0003 | | | 1.7 | 1.7 | 2.1 | | 2.7 | | 3.0 |
| 71/06/16 | 08 40 | 0003 | | | | 2.6 | 3.2 | | 3.6 | | 3.4 |
| 71/07/15 | 09 15 | 0003 | | | 2.2 | 2.9 | 3.2 | | 4.8 | | 5.0 |
| 71/08/17 | 13 35 | 0003 | | | 1.5 | 2.1 | 2.3 | | 2.6 | | 3.1 |
| 71/09/15 | 12 40 | 0003 | | | 2.3 | 3.0 | 3.4 | | 4.3 | | 4.5 |
| 71/11/17 | 12 20 | 0003 | | | 1.2 | 1.4 | 2.1 | | 2.3 | | 2.5 |
| 72/07/07 | 13 25 | 0003 | | | 1.5 | | 6.5 | | | | |
| 72/09/07 | 14 50 | 0003 | | | 0.8 | 2.2 | | | | | 3.0 |

STORET RETRIEVAL DATE 77/03/14

/TYPA/AMBNT/STREAM

052569 D41
38 01 50.0 122 22 15.0 2
SAN PABLO BAY NEAR PINOLE POINT-
06 CALIFORNIA
SAN PABLO BAY 140391

113BUREC 04001004
0033 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 22 15 LATITUDE - 38 01 50

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM

DESCRIPTION - LOCATED IN THE NAVIGATION CHANNEL RUNNING THROUGH A LARGE SHALLOW BAY.

SAMPLING POINT - IN PINOLE SHOAL CHANNEL BETWEEN FL 4SEC "5" AND FL R 4SEC "6" BELL. DEPTH AT SITE IS 33 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052569 D41
38 01 50.0 122 22 15.0 2
SAN PABLO BAY NEAR PINOLE POINT-
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0033 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 11 30 | 0003 | 2.80 | 0.19 | 0.50 | 1.70 | 61 | | | | | |
| 71/04/21 | 10 55 | 0003 | 6.10 | 0.00 | 1.40 | 1.40 | 81 | | | | | |
| 71/05/19 | 11 30 | 0003 | 3.30 | 0.11 | 0.84 | 1.60 | 66 | | | | | |
| 71/06/16 | 09 30 | 0003 | 3.20 | 0.00 | 0.00 | 0.36 | 90 | | | | | |
| 71/07/15 | 09 50 | 0003 | 6.30 | 0.08 | 1.60 | 0.90 | 87 | | | | | |
| 71/08/17 | 14 30 | 0003 | 6.70 | 0.10 | 1.20 | 1.70 | 80 | | | | | |
| 71/09/15 | 13 10 | 0003 | 3.00 | 0.34 | 0.95 | 2.50 | 54 | | | | | |
| 71/11/17 | 13 05 | 0003 | 1.70 | 0.16 | 0.46 | 0.76 | 69 | | | | | |
| 72/03/09 | 09 00 | 0003 | 3.00 | 0.42 | 1.70 | 0.92 | 76 | | | | | |
| 72/04/10 | 13 05 | 0003 | 2.00 | 0.55 | 0.82 | 1.50 | 57 | | | | | |
| 72/05/09 | 11 50 | 0003 | 2.70 | 0.25 | 1.30 | 0.97 | 73 | | | | | |
| 72/06/07 | 12 20 | 0003 | 2.80 | 0.00 | 0.29 | 1.80 | 61 | | | | | |
| 72/07/07 | 14 00 | 0003 | 2.30 | 0.27 | 0.50 | 1.70 | 57 | | | | | |
| 72/08/07 | 14 10 | 0003 | 2.10 | 0.26 | 1.80 | 1.30 | 61 | | | | | |
| 72/09/07 | 15 15 | 0003 | 2.50 | 0.62 | 1.20 | 1.30 | 66 | | | | | |
| 72/10/04 | 13 00 | 0003 | 0.93 | 0.14 | 0.00 | 0.56 | 62 | | | | | |
| 72/11/16 | 10 10 | 0003 | 0.77 | 0.27 | 1.00 | 0.74 | 51 | | | | | |
| 72/12/13 | 09 30 | 0003 | 0.91 | 0.13 | 0.39 | 0.89 | 50 | | | | | |
| 73/02/14 | 12 00 | 0003 | 1.30 | | | 0.74 | 64 | | | | | |
| 73/04/11 | 11 15 | 0003 | 1.30 | | | 0.70 | 66 | 1.06 | 0.87 | 0.27 | 0.19M | 0.03M |
| 73/04/25 | 08 40 | 0003 | 5.90 | | | 2.70 | 69 | | | | | |
| | 08 41 | 0015 | 4.40 | | | 2.00 | 68 | | | | | |
| | 08 42 | 0025 | 5.10 | | | 3.40 | 60 | | | | | |
| | 08 43 | 0033 | 6.90 | | | 4.50 | 60 | | | | | |
| 73/05/09 | 09 25 | 0003 | 5.40 | | | 2.30 | 70 | 2.03 | 3.21 | 0.98 | 1.19 | 0.17 |
| 73/06/12 | 14 30 | 0003 | 6.50 | | | 2.10 | 75 | 0.08 | 3.10 | 1.04 | 3.02 | 0.42 |
| | 14 31 | 0033 | 3.50 | | | 1.50 | 70 | | | | | |
| 73/07/10 | 14 15 | 0003 | 3.30 | | | 0.66 | 83 | | | | | |
| | 14 16 | 0033 | 3.80 | | | 0.91 | 81 | | | | | |
| 73/08/07 | 12 35 | 0003 | 3.00 | | | 0.44 | 87 | 2.59 | 4.16 | 0.92 | 1.57 | 0.22 |
| | 12 38 | 0033 | 1.70 | | | 0.59 | 74 | | | | | |
| 73/09/05 | 11 35 | 0003 | 3.80 | | | 0.44 | 90 | 1.56 | 3.18 | 0.69 | 1.62 | 0.23 |
| 73/10/03 | 10 05 | 0003 | 4.70 | | | 1.10 | 81 | 3.35 | 6.10 | 0.77 | 2.75 | 0.39 |
| 73/12/05 | 11 05 | 0003 | 1.20 | | | 0.70 | 65 | | | | | |
| | 11 07 | 0015 | 0.49 | | | 0.66 | 43 | | | | | |
| | 11 08 | 0033 | 0.80 | | | 1.40 | 36 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052569 D41
38 01 50.0 122 22 15.0 2
SAN PABLO BAY NEAR PINOLE POINT-
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0033 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 11 30 | 0003 | 0 | 0 | 0 | 0 | 270 | 0 | 150 | 420 |
| 71/04/21 | 10 55 | 0003 | 0 | 0 | 0 | 0 | 180 | 0 | 390 | 570 |
| 71/05/19 | 11 30 | 0003 | 60 | 0 | 0 | 0 | 390 | 0 | 150 | 600 |
| 71/06/16 | 09 30 | 0003 | 0 | 0 | 0 | 0 | 390 | 0 | 180 | 570 |
| 71/07/15 | 09 50 | 0003 | 0 | 0 | 0 | 0 | 2500 | 30 | 210 | 2740 |
| 71/08/17 | 14 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 |
| 71/09/15 | 13 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71/11/17 | 13 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/03/09 | 09 00 | 0003 | 10J | 0 | 0J | 0J | 0J | 2J | 72J | 84J |
| 72/04/10 | 13 05 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 8J | 8J |
| 72/05/09 | 11 50 | 0003 | 0J | 0J | 0J | 0J | 44J | 2J | 20J | 66J |
| 72/06/07 | 12 20 | 0003 | 0J | 0J | 0J | 0J | 58J | 0J | 76J | 134J |
| 72/07/07 | 14 00 | 0003 | 0J | 4J | 0J | 0J | 146J | 4J | 12J | 166J |
| 72/08/07 | 14 10 | 0003 | 0J | 0J | 0J | 0J | 86J | 0J | 24J | 110J |
| 72/09/07 | 15 15 | 0003 | 0J | 0J | 0J | 0J | 0J | 69J | 4J | 73J |
| 72/10/04 | 13 00 | 0003 | 0J | 0J | 0J | 0J | 0J | 13J | 6J | 19J |
| 72/11/16 | 10 10 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 0J | 0J |
| 72/12/13 | 09 30 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 0J | 0J |
| 73/02/14 | 12 00 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 10 | 40 |
| 73/04/11 | 11 15 | 0003 | 8 | 0 | 0 | 0 | 0 | 0 | 50 | 58 |
| 73/05/09 | 09 25 | 0003 | 48 | 0 | 0 | 0 | 156 | 12 | 516 | 732 |
| 73/06/12 | 14 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 96 |
| 73/07/10 | 14 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 36 |
| 73/08/07 | 12 35 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 36 | 48 |
| 73/09/05 | 11 35 | 0003 | 12 | 0 | 0 | 0 | 48 | 0 | 180 | 240 |
| 73/10/03 | 10 05 | 0003 | 10 | 0 | 0 | 0 | 0 | 64 | 0 | 74 |
| 73/12/05 | 11 05 | 0003 | 15 | 0 | 0 | 0 | 0 | 0 | 15 | 30 |

STORET RETRIEVAL DATE 77/03/14

052569 D41
38 01 50.0 122 22 15.0 2
SAN PABLO BAY NEAR PINOLE POINT-
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0033 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/03/24 | | | | 0.59L | 0.00L | 14.71L |
| 71/04/21 | | | | 2.94L | 0.00L | 86.47L |
| 71/05/19 | | | | 11.18L | 0.00L | 30.00L |
| 71/06/16 | | | | 5.88L | 0.00L | 27.06L |
| 71/07/15 | | | | 24.12L | 0.00L | 31.76L |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 11 30 | 0003 | 0.5 | | 0.7 | 0.8 | 1.4 | 1.7 | | | |
| 71/04/21 | 10 55 | 0003 | | | 1.9 | 2.0 | 2.1 | | 2.6 | | 2.9 |
| 71/05/19 | 11 30 | 0003 | | | 0.7 | 0.7 | 1.4 | | 1.9 | | 1.8 |
| 71/06/16 | 09 30 | 0003 | | | | 1.8 | 2.4 | | 3.0 | | 4.2 |
| 71/07/15 | 09 50 | 0003 | | | 1.5 | 1.9 | 2.2 | | 3.1 | | 3.8 |
| 71/08/17 | 14 30 | 0003 | | | 1.3 | 1.8 | 2.2 | | 3.0 | | 3.1 |
| 71/09/15 | 13 10 | 0003 | | | 1.4 | 1.9 | 2.7 | | | | 3.5 |
| 71/11/17 | 13 05 | 0003 | | | 0.9 | 1.0 | 1.2 | | 2.3 | | 2.5 |
| 72/07/07 | 14 00 | 0003 | | | 1.5 | | 8.0 | | | | |
| 72/09/07 | 15 15 | 0003 | | | 1.1 | 1.6 | | | | | 2.8 |

STORET RETRIEVAL DATE 77/03/14

052570 D42
38 03 30.0 122 17 00.0 2
SAN PABLO BAY NEAR MARE ISLAND
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0033 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 17 00 LATITUDE - 38 03 30

MONITORING STATION FOR DELTA-SUISUN BAY SURVEILLANCE PROGRAM.

DESCRIPTION - LOCATED IN THE NAVIGATION CHANNEL RUNNING THROUGH A LARGE SHALLOW BAY.

SAMPLING POINT - IN PINOLE SHOAL CHANNEL BETWEEN FL 4SEC 13 AND FL R 4SEC 14 BELL. DEPTH AT SITE IS 33 FT AT MLLW.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION AND DWR.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/14

052570 D42
38 03 30.0 122 17 00.0 2
SAN PABLO BAY NEAR MARE ISLAND
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0033 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 12 00 | 0003 | 5.60 | 0.13 | 1.70 | 2.30 | 70 | | | | | |
| 71/04/21 | 11 20 | 0003 | 9.60 | 0.00 | 2.20 | 4.10 | 70 | | | | | |
| 71/05/19 | 12 00 | 0003 | 2.80 | 0.00 | 0.50 | 2.70 | 51 | | | | | |
| 71/06/16 | 10 05 | 0003 | 29.00 | 0.26 | 8.50 | 6.00 | 82 | | | | | |
| 71/07/15 | 10 25 | 0003 | 2.90 | 0.02 | 0.74 | 2.80 | 50 | | | | | |
| 71/08/17 | 15 00 | 0003 | 13.00 | 0.45 | 5.00 | 8.60 | 60 | | | | | |
| 71/09/15 | 13 40 | 0003 | 1.80 | 0.49 | 2.60 | 4.50 | 28 | | | | | |
| 71/11/17 | 13 35 | 0003 | 1.60 | 0.13 | 0.34 | 1.30 | 55 | | | | | |
| 71/12/13 | 12 00 | 0003 | 1.70 | 0.06 | 0.45 | 0.72 | 70 | | | | | |
| 72/03/09 | 09 35 | 0003 | 3.30 | 0.24 | 1.80 | 0.93 | 77 | | | | | |
| 72/04/10 | 13 30 | 0003 | 1.90 | 0.51 | 1.10 | 2.90 | 39 | | | | | |
| 72/05/09 | 12 25 | 0003 | 4.30 | 0.50 | 2.50 | 2.30 | 65 | | | | | |
| 72/06/07 | 12 50 | 0003 | 2.70 | 0.11 | 0.93 | 0.88 | 75 | | | | | |
| 72/07/07 | 14 50 | 0003 | 4.60 | 0.44 | 0.69 | 2.30 | 66 | | | | | |
| 72/08/07 | 14 35 | 0003 | 1.70 | 0.29 | 0.71 | 1.40 | 54 | | | | | |
| 72/09/07 | 15 45 | 0003 | 1.50 | 0.38 | 1.30 | 0.96 | 60 | | | | | |
| 72/10/04 | 13 50 | 0003 | 2.40 | 0.03 | 0.63 | 0.96 | 71 | | | | | |
| 72/11/16 | 10 55 | 0003 | 0.85 | 0.26 | 0.45 | 1.50 | 36 | | | | | |
| 72/12/13 | 10 05 | 0003 | 0.69 | 0.05 | 0.26 | 0.99 | 41 | | | | | |
| 73/02/14 | 12 30 | 0003 | 0.88 | | | 1.10 | 44 | | | | | |
| 73/04/11 | 11 50 | 0003 | 3.80 | | | 1.70 | 69 | 0.99 | 1.67 | 0.65 | 0.68 | 0.13 |
| 73/05/09 | 10 10 | 0003 | 7.60 | | | 3.10 | 71 | 1.74 | 1.88 | 1.02 | 0.14 | 0.03 |
| 73/06/12 | 15 10 | 0003 | 10.00 | | | 4.20 | 72 | 0.22 | 2.19 | 1.43 | 1.98 | 0.39 |
| | 15 11 | 0033 | 6.20 | | | 4.80 | 56 | | | | | |
| 73/07/11 | 13 05 | 0003 | 4.60 | | | 4.40 | 51 | 2.03M | 0.92 | 1.08 | 2.95 | 0.58 |
| | 13 06 | 0033 | 4.80 | | | 4.60 | 51 | | | | | |
| 73/08/07 | 13 10 | 0003 | 3.00 | | | 0.44 | 87 | 0.87 | 1.45 | 0.69 | 0.58 | 0.11 |
| | 13 13 | 0033 | 2.10 | | | 1.20 | 63 | | | | | |
| 73/09/05 | 12 10 | 0003 | 4.00 | | | 1.50 | 72 | 0.01 | 1.40 | 1.08 | 1.39 | 0.27 |
| 73/10/03 | 10 45 | 0003 | 1.80 | | | 0.70 | 72 | 1.55 | 1.94 | 0.35 | 0.39 | 0.08 |
| 73/12/05 | 11 45 | 0003 | 1.10 | | | 0.78 | 60 | | | | | |
| 74/01/16 | 08 30 | 0003 | 0.98 | | | 1.80 | 35 | | | | | |
| 74/02/15 | 10 25 | 0003 | 1.10 | | | 0.59 | 66 | | | | | |

STORET RETRIEVAL DATE 77/03/14

052570 D42
38 03 30.0 122 17 00.0 2
SAN PABLO BAY NEAR MARE ISLAND
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0033 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 12 00 | 0003 | 30 | 0 | 0 | 0 | 180 | 0 | 210 | 420 |
| 71/04/21 | 11 20 | 0003 | 0 | 0 | 0 | 0 | 240 | 0 | 1950 | 2190 |
| 71/05/19 | 12 00 | 0003 | 0 | 0 | 0 | 0 | 300 | 0 | 240 | 540 |
| 71/06/16 | 10 05 | 0003 | 30 | 0 | 0 | 0 | 1500 | 240 | 1170 | 2940 |
| 71/07/15 | 10 25 | 0003 | 0 | 0 | 0 | 0 | 690 | 0 | 210 | 900 |
| 71/08/17 | 15 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 217 | 217 |
| 71/09/15 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 48 |
| 71/11/17 | 13 35 | 0003 | 40 | 0 | 0 | 0 | 0 | 0 | 53 | 93 |
| 71/12/13 | 12 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/03/09 | 09 35 | 0003 | 8J | 0J | 0J | 0J | 0J | 0J | 38J | 46J |
| 72/04/10 | 13 30 | 0003 | 0J | 0J | 0J | 0J | 0J | 0J | 18J | 18J |
| 72/05/09 | 12 25 | 0003 | 0J | 0J | 0J | 0J | 4J | 0J | 26J | 30J |
| 72/06/07 | 12 50 | 0003 | 0J | 0J | 0J | 0J | 22J | 0J | 62J | 84J |
| 72/07/07 | 14 50 | 0003 | 0J | 0J | 0J | 0J | 86J | 0J | 24J | 110J |
| 72/08/07 | 14 35 | 0003 | 2J | 0J | 0J | 0J | 46J | 0J | 16J | 64J |
| 72/09/07 | 15 45 | 0003 | 31 | 0 | 0 | 0 | 0 | 18 | 11 | 60 |
| 72/11/16 | 10 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/12/13 | 10 05 | 0003 | 3 | 0 | 0 | 0 | 0 | 0 | 28 | 31 |
| 73/02/14 | 12 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/04/11 | 11 50 | 0003 | 60 | 0 | 15 | 0 | 0 | 0 | 480 | 555 |
| 73/05/09 | 10 10 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 672 | 684 |
| 73/06/12 | 15 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 240 | 240 |
| 73/07/11 | 13 05 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 204 |
| 73/08/07 | 13 10 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 60 | 72 |
| 73/09/05 | 12 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 240 | 240 |
| 73/10/03 | 10 45 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 |
| 73/12/05 | 11 45 | 0003 | 21 | 0 | 3 | 0 | 0 | 0 | 45 | 69 |
| 74/01/16 | 08 30 | 0003 | 70 | 0 | 0 | 0 | 0 | 0 | 90 | 160 |
| 74/02/15 | 10 25 | 0003 | 15 | 0 | 5 | 0 | 0 | 0 | 20 | 40 |

STORET RETRIEVAL DATE 77/03/14

052570 D42
38 03 30.0 122 17 00.0 2
SAN PABLO BAY NEAR MARE ISLAND
06 CALIFORNIA
SAN PABLO BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0033 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 71/03/24 | | | | 0.00L | 0.00L | 42.35L |
| 71/04/21 | | | | 4.71L | 0.00L | 41.76L |
| 71/05/19 | | | | 20.00L | 0.00L | 53.53L |
| 71/06/16 | | | | 3.53L | 0.00L | 40.00L |
| 71/07/15 | | | | 3.53L | 0.00L | 34.12L |
| 71/12/13 | | | | 0.00L | 0.00L | 12.35L |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71/03/24 | 12 00 | 0003 | 0.5 | | 1.2 | 1.2 | 2.0 | 0.0 | | | |
| 71/04/21 | 11 20 | 0003 | | | 1.1 | 1.6 | 2.1 | | 2.7 | | 2.4 |
| 71/05/19 | 12 00 | 0003 | | | 2.0 | 1.9 | 2.3 | | 2.8 | | 3.9 |
| 71/06/16 | 10 05 | 0003 | | | | 5.6 | 6.5 | | 7.4 | | 7.8 |
| 71/07/15 | 10 25 | 0003 | | | 1.0 | 1.6 | 1.9 | | | | 2.5 |
| 71/08/17 | 15 00 | 0003 | | | 1.3 | 1.9 | 2.4 | | 3.0 | | 3.2 |
| 71/09/15 | 13 40 | 0003 | | | 0.9 | 1.7 | 2.5 | | 2.8 | | 3.9 |
| 71/11/17 | 13 35 | 0003 | | | 0.6 | 1.1 | 1.4 | | 2.3 | | 2.3 |
| 71/12/13 | 12 00 | 0003 | | | 1.0 | 1.3 | 2.1 | | 3.0 | | 3.5 |
| 72/07/07 | 14 50 | 0003 | | | 2.0 | | 5.5 | | | | |
| 72/09/07 | 15 45 | 0003 | | | 0.9 | 1.2 | | | | | 2.6 |
| 73/04/11 | 11 50 | 0003 | 2.1 | | | | | | | | |
| 73/05/09 | 10 10 | 0003 | 0.9 | | | | | | | | |
| 73/08/07 | 13 10 | 0003 | 1.0 | | | | | | | | |
| 73/09/05 | 12 10 | 0003 | 0.6 | | | | | | | | |
| 73/10/03 | 10 45 | 0003 | 0.7 | | | | | | | | |
| 73/12/05 | 11 45 | 0003 | 0.8 | | | | | | | | |
| 74/01/16 | 08 30 | 0003 | 1.2 | | | | | | | | |
| 74/02/15 | 10 25 | 0003 | 0.5 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/14

052651 FG1
38 03 30.0 122 06 27.0 2
SUISUN BAY-OPPISITE PACHECO CR.
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 06 27 LATITUDE - 38 03 30

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY OPPOSITE PACHECO CREEK.

SAMPLING TRANSECT - LOCATED ONE HUNDRED YARDS DOWNSTREAM AND THIRTY YARD
S SOUTH OF THE FIRST ROW OF NAVY SHIPS ON THE DOWNSTREAM END.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N, CA.

STORET RETRIEVAL DATE 77/03/14

052651 FG1
38 03 30.0 122 06 27.0 2
SUISUN BAY-OPPISITE PACHECO CR.
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0211 | | | |
| 69/02/03 | | | 0.0009 | | | |
| 69/03/06 | | | 0.0004 | | | |
| 69/05/24 | | | 0.0625 | | | |
| 69/06/22 | | | 0.0530 | | | |
| 69/07/21 | | | 0.0377 | | | |
| 69/08/17 | | | 0.0125 | | | |
| 69/09/15 | | | 0.0225 | | | |
| 69/10/18 | | | 0.0103 | | | |
| 69/11/18 | | | 0.0189 | | | |
| 69/12/20 | | | 0.0076 | | | |
| 70/01/16 | | | 0.0043 | | | |
| 70/02/15 | | | 0.0133 | | | |
| 70/03/19 | | | 0.1004 | | | |
| 70/04/16 | | | 0.0201 | | | |
| 70/05/16 | | | 0.0112 | | | |
| 70/06/13 | | | 0.0007 | | | |
| 70/07/12 | | | 0.0089 | | | |
| 70/08/22 | | | 0.0011 | | | |
| 70/09/20 | | | 0.0049 | | | |
| 70/10/20 | | | 0.0037 | | | |
| 70/11/20 | | | 0.0303 | | | |
| 70/12/21 | | | 0.0277 | | | |
| 71/01/20 | | | 0.0184 | | | |
| 71/02/20 | | | 0.0295 | | | |
| 71/03/06 | | | 0.0177 | | | |
| 71/04/06 | | | 0.1240 | 0.41L | 0.02L | 5.07L |
| 71/05/05 | | | 0.0465 | 4.01L | 0.00L | 4.99L |
| 71/06/04 | | | 0.0174 | 0.03L | 0.16L | 6.00L |
| 71/07/01 | | | 0.0143 | 0.00L | 0.00L | 24.00L |
| 71/07/31 | | | 0.0110 | 0.00L | 0.00L | 22.33L |
| 71/09/02 | | | 0.0186 | 0.98L | 0.00L | 2.16L |
| 71/10/14 | | | 0.0101 | 0.28L | 0.00L | 8.81L |
| 71/11/10 | | | 0.0436 | 0.20L | 0.00L | 1.81L |
| 71/12/14 | | | 0.0136 | 0.00L | 0.00L | 16.96L |
| 72/01/12 | | | 0.0030 | 0.04 | 0.00 | 8.09 |

STORET RETRIEVAL DATE 77/03/14

052651 FG1
38 03 30.0 122 06 27.0 2
SUISUN BAY-OPPISITE PACHECO CR.
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/10 | | | 0.0003 | 3.53 | 0.03 | 5.82 |
| 72/03/13 | | | 0.0073 | 0.39 | 0.00 | 31.72 |
| 72/04/10 | | | 0.0131 | 2.43 | 0.00 | 36.92 |
| 72/04/21 | | | 0.0044 | 3.58 | 0.00 | 19.91 |
| 72/05/07 | | | 0.0031 | 1.58 | 0.00 | 33.72 |
| 72/05/21 | | | 0.0022 | 3.35 | 0.00 | 23.75 |
| 72/06/07 | | | 0.0012 | 28.62 | 0.00 | 68.56 |
| 72/06/21 | | | 0.0022 | 7.27 | 0.00 | 44.96 |
| 72/07/06 | | | 0.0015 | 39.64 | 0.00 | 68.20 |
| 72/07/19 | | | 0.0003 | 4.00 | 0.00 | 48.98 |
| 72/08/03 | | | 0.0010 | 12.73 | 0.00 | 36.47 |
| 72/08/16 | | | 0.0034 | 7.97 | 0.32 | 42.97 |
| 72/09/14 | | | 0.0010 | 195.30L | 0.00L | 40.59L |
| 72/09/29 | | | 0.0234 | 10.59L | 0.00L | 35.88L |
| 72/10/18 | | | 0.0712 | 11.76 | 0.00 | 31.36 |
| 72/11/01 | | | 0.0469 | 5.00 | 0.00 | 19.00 |
| 72/11/16 | | | 0.0195 | 3.00 | 0.00 | 19.00 |
| 72/12/20 | | | 0.0285 | 0.00 | 0.00 | 10.00 |
| 73/03/16 | | | 0.1531 | 4.83 | 0.25 | 176.40 |
| 73/04/11 | | | 0.3340 | 4.87 | 0.00 | 60.02 |
| 73/04/26 | | | 0.0672 | 2.94 | 0.00 | 62.70 |
| 73/05/10 | | | 0.0408 | 12.94 | 0.00 | 75.50 |
| 73/05/28 | | | 0.0272 | 183.50 | 0.00 | 116.80 |
| 73/06/08 | | | 0.0424 | 551.60 | 0.00 | 31.08 |
| 73/06/27 | | | 0.0029 | 201.90 | 0.00 | 159.50 |
| 73/07/10 | | | 0.0005 | 30.94 | 0.00 | 82.82 |
| 73/07/25 | | | 0.0020 | 37.00 | 0.05 | 54.00 |
| 73/08/08 | | | 0.0010 | 51.99 | 0.00 | 66.47 |
| 73/08/22 | | | 0.0025 | 14.74 | 0.00 | 74.45 |
| 73/09/06 | | | 0.0034 | 18.52 | 0.00 | 47.00 |
| 73/09/19 | | | 0.0104 | 44.42 | 1.18 | 53.09 |
| 73/10/03 | | | 0.0135 | 51.12 | 0.58 | 40.97 |
| 73/10/18 | | | 0.0193 | 14.33L | 0.00L | 35.22L |
| 73/11/19 | | | 0.0363 | 33.64 | 0.14 | 17.96 |
| 74/03/15 | | | 0.1078 | 12.11 | 0.00 | 146.50 |
| 74/04/02 | | | 0.0215 | 45.58 | 0.25 | 13.06 |

STORET RETRIEVAL DATE 77/03/14

052651 FG1
38 03 30.0 122 06 27.0 2
SUISUN BAY-OPPISITE PACHECO CR.
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/17 | | | 0.2265 | 24.40 | 0.00 | 184.60 |
| 74/05/14 | | | 0.1022 | 116.50 | 0.04 | 121.20 |
| 74/05/29 | | | 0.0875 | 10.93L | 0.00L | 6.19L |
| 74/06/18 | | | 0.0643 | 123.40 | 0.00 | 148.10 |
| 74/06/28 | | | 0.0313 | 601.60 | 0.53 | 139.80 |
| 74/07/11 | | | 0.0085 | 39.55 | 0.00 | 50.10 |
| 74/07/25 | | | 0.0234 | 34.09 | 0.00 | 84.97 |
| 74/08/12 | | | 0.0049 | 377.00 | 0.00 | 127.30 |
| 74/08/26 | | | 0.0094 | 560.30 | 0.00 | 111.60 |
| 74/09/13 | | | 0.0056 | 141.50 | 0.57 | 82.90 |
| 74/09/24 | | | 0.0122 | 63.14 | 0.00 | 32.63 |
| 74/10/08 | | | 0.0482 | 209.10 | 0.00 | 91.01 |
| 74/10/23 | | | 0.0808 | 175.10 | 0.00 | 29.57 |
| 74/11/20 | | | 0.0255 | 24.52 | 0.03 | 24.25 |

STORET RETRIEVAL DATE 77/03/14

052652 FG2
38 04 30.0 122 05 27.0 2
SUISUN BAY OPPOSITE PT. EDITH
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BURFC 04001004
0020 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 05 27 LATITUDE - 38 04 30

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY OPPOSITE POINT EDITH.

SAMPLING TRANSECT - LOCATED FIVE HUNDRED YARDS UPSTREAM FROM BUOY A ON T
HE NORTH SIDE.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N. CA.

STORET RETRIEVAL DATE 77/03/14

052652 FG2
38 04 30.0 122 05 27.0 2
SUISUN BAY OPPOSITE PT. EDITH
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0244 | | | |
| 69/02/03 | | | 0.0003 | | | |
| 69/03/06 | | | 0.0019 | | | |
| 69/05/24 | | | 0.1001 | | | |
| 69/06/22 | | | 0.0890 | | | |
| 69/07/21 | | | 0.0170 | | | |
| 69/08/17 | | | 0.0322 | | | |
| 69/09/15 | | | 0.0491 | | | |
| 69/10/18 | | | 0.0140 | | | |
| 69/11/18 | | | 0.0577 | | | |
| 69/12/20 | | | 0.0017 | | | |
| 70/01/16 | | | 0.0016 | | | |
| 70/02/15 | | | 0.0081 | | | |
| 70/03/19 | | | 0.0871 | | | |
| 70/04/16 | | | 0.0000 | | | |
| 70/05/16 | | | 0.0007 | | | |
| 70/06/13 | | | 0.0009 | | | |
| 70/07/12 | | | 0.0028 | | | |
| 70/08/22 | | | 0.0020 | | | |
| 70/09/20 | | | 0.0106 | | | |
| 70/10/20 | | | 0.0097 | | | |
| 70/11/20 | | | 0.0572 | | | |
| 70/12/21 | | | 0.0126 | | | |
| 71/01/20 | | | 0.0142 | | | |
| 71/02/20 | | | 0.0104 | | | |
| 71/03/06 | | | 0.0303 | | | |
| 71/04/06 | | | 0.1492 | 0.76L | 0.00L | 6.06L |
| 71/05/05 | | | 0.0990 | 6.79L | 0.00L | 21.27L |
| 71/06/04 | | | 0.0266 | 0.04L | 0.02L | 4.83L |
| 71/07/01 | | | 0.0158 | 9.00L | 0.00L | 5.00L |
| 71/07/31 | | | 0.0166 | 0.00L | 0.00L | 15.40L |
| 71/09/02 | | | 0.0075 | 0.14L | 0.00L | 3.08L |
| 71/10/14 | | | 0.0106 | 0.66L | 0.00L | 3.83L |
| 71/11/10 | | | 0.0102 | 0.00L | 0.00L | 2.95L |
| 71/12/14 | | | 0.0098 | 0.00L | 0.00L | 4.28L |
| 72/01/12 | | | 0.0015 | 1.22 | 0.00 | 18.57 |

STORET RETRIEVAL DATE 77/03/14

052652 FG2
38 04 30.0 122 05 27.0 2
SUISUN BAY OPPOSITE PT. EDITH
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/10 | | | 0.0004 | 1.80 | 0.00 | 15.37 |
| 72/03/13 | | | 0.0055 | 0.66 | 0.01 | 22.15 |
| 72/04/10 | | | 0.0197 | 1.50 | 0.00 | 44.37 |
| 72/04/21 | | | 0.0021 | 0.14 | 0.00 | 31.17 |
| 72/05/07 | | | 0.0017 | 0.00 | 0.00 | 38.69 |
| 72/05/21 | | | 0.0021 | 16.76 | 0.00 | 49.81 |
| 72/06/07 | | | 0.0020 | 15.91 | 0.00 | 67.30 |
| 72/06/21 | | | 0.0010 | 5.03 | 0.00 | 57.51 |
| 72/07/06 | | | 0.0013 | 64.68 | 0.00 | 94.97 |
| 72/07/19 | | | 0.0006 | 8.00 | 0.00 | 44.59 |
| 72/08/03 | | | 0.0008 | 18.71 | 0.00 | 46.46 |
| 72/08/16 | | | 0.0024 | 37.35 | 0.00 | 95.94 |
| 72/09/14 | | | 0.0100 | 324.10L | 0.00L | 77.00 |
| 72/09/29 | | | 0.0138 | 32.69 | 0.00 | 54.60 |
| 72/10/18 | | | 0.0190 | 4.79 | 0.00 | 24.91 |
| 72/11/01 | | | 0.0144 | 14.00 | 0.00 | 18.00 |
| 72/11/16 | | | 0.0296 | 3.00 | 0.00 | 16.00 |
| 72/12/20 | | | 0.0176 | 2.00 | 0.00 | 14.00 |
| 73/03/16 | | | 0.0721 | 9.06 | 0.00 | 150.10 |
| 73/04/11 | | | 0.1823 | 2.35 | 0.00 | 52.32 |
| 73/04/26 | | | 0.1123 | 2.35 | 0.00 | 40.84 |
| 73/05/10 | | | 0.0567 | 21.18 | 0.00 | 78.16 |
| 73/05/28 | | | 0.0453 | 375.90 | 0.00 | 64.72 |
| 73/06/08 | | | 0.1947 | 530.10 | 0.00 | 21.36 |
| 73/06/27 | | | 0.0042 | 174.20 | 0.00 | 149.80 |
| 73/07/10 | | | 0.0014 | 39.22 | 0.00 | 183.10 |
| 73/07/25 | | | 0.0028 | 136.00 | 0.00 | 139.00 |
| 73/08/08 | | | 0.0030 | 103.00 | 0.00 | 126.70 |
| 73/08/22 | | | 0.0009 | 37.52 | 0.00 | 163.40 |
| 73/09/06 | | | 0.0031 | 33.52 | 0.00 | 52.00 |
| 73/09/19 | | | 0.0104 | 146.40 | 0.59 | 67.36 |
| 73/10/03 | | | 0.0149 | 112.40 | 0.00 | 39.75 |
| 73/10/18 | | | 0.0190 | 30.83 | 0.00 | 64.60 |
| 73/11/19 | | | 0.0082 | 35.00 | 0.27 | 26.63 |
| 74/03/15 | | | 0.0853 | 35.87 | 0.00 | 92.06 |
| 74/04/02 | | | 0.0154 | 59.59 | 0.47 | 16.61 |

STORET RETRIEVAL DATE 77/03/14

052652 FG2
38 04 30.0 122 05 27.0 2
SUISUN BAY OPPOSITE PT. EDITH
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0020 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/17 | | | 0.1873 | 36.42 | 0.00 | 134.00 |
| 74/05/14 | | | 0.1886 | 41.59 | 0.00 | 171.10 |
| 74/05/29 | | | 0.1893 | 6.39L | 0.00L | 8.13L |
| 74/06/18 | | | 0.0287 | 248.70 | 0.00 | 160.70 |
| 74/06/28 | | | 0.0873 | 170.10 | 0.04 | 119.80 |
| 74/07/11 | | | 0.0158 | 39.01 | 0.00 | 79.28 |
| 74/07/25 | | | 0.0389 | 36.23 | 1.65 | 77.41 |
| 74/08/12 | | | 0.0134 | 371.10 | 0.00 | 138.00 |
| 74/08/26 | | | 0.0107 | 494.80 | 0.00 | 88.38 |
| 74/09/13 | | | 0.0092 | 104.60 | 0.00 | 120.60 |
| 74/09/24 | | | 0.0184 | 76.97 | 0.01 | 52.75 |
| 74/10/08 | | | 0.0868 | 133.10 | 0.00 | 77.38 |
| 74/10/23 | | | 0.0732 | 411.10 | 0.00 | 30.27 |
| 74/11/20 | | | 0.0242 | 24.18 | 0.03 | 35.93 |

STORET RETRIEVAL DATE 77/03/14

052653 FG3
38 05 53.0 122 04 06.0 2
SUISUN BAY-OPPOSITE GARNET PT.
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 04 06 LATITUDE - 38 05 53

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY OPPOSITE GARNET POINT.

SAMPLING TRANSECT - LOCATED BETWEEN THE FIRST ROW OF NAVY SHIPS ON THE U
PSTREAM END AND BUOY 8.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N, CA.

STORET RETRIEVAL DATE 77/03/14

052653 FG3
38 05 53.0 122 04 06.0 2
SUISUN BAY-OPPOSITE GARNET PT.
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0268 | | | |
| 69/02/03 | | | 0.0007 | | | |
| 69/03/06 | | | 0.0004 | | | |
| 69/05/24 | | | 0.0245 | | | |
| 69/06/22 | | | 0.1095 | | | |
| 69/07/21 | | | 0.0588 | | | |
| 69/08/17 | | | 0.0808 | | | |
| 69/09/15 | | | 0.1066 | | | |
| 69/10/18 | | | 0.0071 | | | |
| 69/11/18 | | | 0.0456 | | | |
| 69/12/20 | | | 0.0034 | | | |
| 70/01/16 | | | 0.0013 | | | |
| 70/02/15 | | | 0.0020 | | | |
| 70/03/19 | | | 0.0968 | | | |
| 70/04/16 | | | 0.0575 | | | |
| 70/05/16 | | | 0.0360 | | | |
| 70/06/13 | | | 0.0025 | | | |
| 70/07/12 | | | 0.0104 | | | |
| 70/08/22 | | | 0.0052 | | | |
| 70/09/20 | | | 0.0592 | | | |
| 70/10/20 | | | 0.0426 | | | |
| 70/11/20 | | | 0.0229 | | | |
| 70/12/21 | | | 0.0465 | | | |
| 71/01/20 | | | 0.0077 | | | |
| 71/02/20 | | | 0.0117 | | | |
| 71/03/06 | | | 0.0286 | | | |
| 71/04/06 | | | 0.0373 | 0.14L | 0.03L | 13.44L |
| 71/05/05 | | | 0.0779 | 0.13L | 0.00L | 10.51L |
| 71/06/04 | | | 0.0829 | 0.03L | 0.11L | 4.03L |
| 71/07/01 | | | 0.0593 | 0.00L | 0.00L | 6.00L |
| 71/07/31 | | | 0.0261 | 1.02L | 0.00L | 5.32L |
| 71/09/02 | | | 0.0335 | 0.29L | 0.00L | 1.34L |
| 71/10/14 | | | 0.0355 | 0.10L | 0.00L | 3.54L |
| 71/11/10 | | | 0.0130 | 0.05L | 0.00L | 1.47L |
| 71/12/14 | | | 0.0045 | 0.13L | 0.00L | 2.08L |
| 72/01/12 | | | 0.0041 | 0.64 | 0.00 | 6.35 |

STORET RETRIEVAL DATE 77/03/14

052653 FG3
38 05 53.0 122 04 06.0 2
SUISUN BAY-OPPOSITE GARNET PT.
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/10 | | | 0.0001 | 0.61 | 0.02 | 12.01 |
| 72/03/13 | | | 0.0045 | 0.59 | 0.00 | 71.17 |
| 72/04/10 | | | 0.0136 | 0.10 | 0.00 | 48.48 |
| 72/04/21 | | | 0.0054 | 0.73 | 0.02 | 40.16 |
| 72/05/07 | | | 0.0025 | 0.64 | 0.00 | 35.56 |
| 72/05/21 | | | 0.0127 | 4.89 | 0.00 | 53.08 |
| 72/06/07 | | | 0.0052 | 20.64 | 0.00 | 50.72 |
| 72/06/21 | | | 0.0026 | 5.18 | 0.00 | 122.80 |
| 72/07/06 | | | 0.0014 | 20.53 | 0.00 | 51.31 |
| 72/07/19 | | | 0.0012 | 14.00 | 0.00 | 55.35 |
| 72/08/03 | | | 0.0016 | 12.82 | 0.00 | 30.94 |
| 72/08/16 | | | 0.0013 | 37.39 | 0.00 | 35.63 |
| 72/09/14 | | | 0.0372 | 916.50L | 0.00L | 60.00 |
| 72/09/29 | | | 0.0871 | 51.84 | 0.00 | 12.58 |
| 72/10/18 | | | 0.0693 | 18.82 | 0.00 | 23.76 |
| 72/11/01 | | | 0.0583 | 100.00 | 0.00 | 16.00 |
| 72/11/16 | | | 0.0468 | 6.00 | 0.00 | 12.00 |
| 72/12/20 | | | 0.0077 | 14.00 | 0.00 | 21.00 |
| 73/03/16 | | | 0.0207 | 10.07 | 0.13 | 38.29 |
| 73/04/11 | | | 0.0692 | 7.06 | 0.00 | 91.40 |
| 73/04/26 | | | 0.1350 | 1.18 | 0.00 | 80.57 |
| 73/05/10 | | | 0.0636 | 20.00 | 0.00 | 84.68 |
| 73/05/28 | | | 0.6417 | 495.90 | 0.00 | 66.92 |
| 73/06/08 | | | 0.5246 | 417.60 | 0.00 | 23.23 |
| 73/06/27 | | | 0.0096 | 212.10 | 0.00 | 83.04 |
| 73/07/10 | | | 0.0052 | 33.66 | 0.00 | 39.88 |
| 73/07/25 | | | 0.0097 | 104.00 | 0.00 | 68.00 |
| 73/08/08 | | | 0.0050 | 61.80 | 0.00 | 50.56 |
| 73/08/22 | | | 0.0052 | 55.84 | 0.00 | 63.16 |
| 73/09/06 | | | 0.0177 | 70.48 | 0.00 | 24.00 |
| 73/09/19 | | | 0.0190 | 186.10 | 0.00 | 34.03 |
| 73/10/03 | | | 0.0618 | 401.70 | 0.56 | 30.34 |
| 73/10/18 | | | 0.0285 | 83.00 | 0.00 | 39.44 |
| 73/11/19 | | | 0.0210 | 28.43 | 0.25 | 15.00 |
| 74/03/15 | | | 0.0059 | 45.98 | 0.05 | 16.78 |
| 74/04/02 | | | 0.0112 | 25.60 | 0.17 | 20.49 |

STORET RETRIEVAL DATE 77/03/14

052653 FG3
38 05 53.0 122 04 06.0 2
SUISUN BAY-OPPOSITE GARNET PT.
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/17 | | | 0.0190 | 62.92 | 0.22 | 23.68 |
| 74/05/14 | | | 0.1591 | 49.44 | 0.00 | 103.10 |
| 74/05/29 | | | 0.3866 | 0.08L | 0.00L | 3.74L |
| 74/06/18 | | | 0.0617 | 237.90L | 0.00L | 122.40L |
| 74/06/28 | | | 0.1113 | 795.10L | 0.00L | 120.90L |
| 74/07/11 | | | 0.0157 | 61.08 | 0.00 | 88.46 |
| 74/07/25 | | | 0.1524 | 110.50 | 1.65 | 88.25 |
| 74/08/12 | | | 0.0193 | 216.70 | 0.00 | 31.18 |
| 74/08/26 | | | 0.0257 | 733.70 | 0.00 | 46.80 |
| 74/09/13 | | | 0.0396 | 115.60 | 0.01 | 122.20 |
| 74/09/24 | | | 0.0570 | 48.93 | 0.00 | 51.71 |
| 74/10/08 | | | 0.0725 | 0.01L | 0.00L | 2.13L |
| 74/10/23 | | | 0.0408 | 920.10 | 0.00 | 26.48 |
| 74/11/20 | | | 0.0487 | 31.90 | 0.06 | 20.82 |

STORET RETRIEVAL DATE 77/03/14

052609 FG4
38 07 10.0 122 03 24.0 2
GRIZZLY BAY-NORTHWEST CORNER
06 CALIFORNIA
GRIZZLY BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 03 24 LATITUDE - 38 07 10

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN NORTHWEST CORNER OF GRIZZLY BAY.

SAMPLING TRANSECT - LOCATED FIFTY YARDS NORTH OF BUOY N2 TO ENTRANCE OF MONTEZUMA SLOUGH.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/14

052609 FG4
38 07 10.0 122 03 24.0 2
GRIZZLY BAY-NORTHWEST CORNER
06 CALIFORNIA
GRIZZLY BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0887 | | | |
| 69/02/03 | | | 0.0023 | | | |
| 69/03/06 | | | 0.0082 | | | |
| 69/05/23 | | | 0.1601 | | | |
| 69/06/22 | | | 0.0811 | | | |
| 69/07/21 | | | 0.0528 | | | |
| 69/08/17 | | | 0.4388 | | | |
| 69/09/15 | | | 0.1812 | | | |
| 69/10/18 | | | 0.0176 | | | |
| 69/11/18 | | | 0.0211 | | | |
| 69/12/20 | | | 0.0023 | | | |
| 70/01/16 | | | 0.0036 | | | |
| 70/02/15 | | | 0.0005 | | | |
| 70/03/19 | | | 0.0099 | | | |
| 70/04/16 | | | 0.0011 | | | |
| 70/05/16 | | | 0.0002 | | | |
| 70/06/13 | | | 0.0000 | | | |
| 70/07/12 | | | 0.0101 | | | |
| 70/08/22 | | | 0.0104 | | | |
| 70/09/20 | | | 0.0715 | | | |
| 70/10/20 | | | 0.0707 | | | |
| 70/11/20 | | | 0.0719 | | | |
| 70/12/21 | | | 0.0000 | | | |
| 71/01/20 | | | 0.0002 | | | |
| 71/02/20 | | | 0.0035 | | | |
| 71/03/06 | | | 0.0007 | | | |
| 71/04/06 | | | 0.0383 | | | |
| 71/05/05 | | | 0.0184 | 0.07L | 0.00L | 7.08L |
| 71/06/04 | | | 0.0267 | 0.23L | 0.46L | 6.13L |
| 71/07/01 | | | 0.0139 | 0.00L | 0.00L | 13.00L |
| 71/07/31 | | | 0.0397 | 0.00L | 0.05L | 15.26L |
| 71/09/02 | | | 0.0232 | 0.00L | 0.08L | 2.54L |
| 71/10/14 | | | 0.0614 | 0.00L | 0.00L | 10.69L |
| 71/11/10 | | | 0.0496 | 0.00L | 0.14L | 4.67L |
| 71/12/14 | | | 0.0022 | 0.00L | 0.02L | 5.91L |
| 72/01/12 | | | 0.0000 | 1.78 | 0.00 | 12.78 |

STORET RETRIEVAL DATE 77/03/14

052609 FG4
38 07 10.0 122 03 24.0 2
GRIZZLY BAY-NORTHWEST CORNER
06 CALIFORNIA
GRIZZLY BAY 140391

/TYPA/AMBNT/STREAM

1138UREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/10 | | | 0.0002 | 1.18 | 0.00 | 14.36 |
| 72/03/13 | | | 0.0082 | 2.35 | 0.01 | 27.09 |
| 72/04/10 | | | 0.0056 | 2.40 | 0.00 | 43.38 |
| 72/04/21 | | | 0.0006 | 13.59 | 0.00 | 63.99 |
| 72/05/07 | | | 0.0001 | 3.01 | 0.00 | 110.60 |
| 72/05/21 | | | 0.0021 | 12.78 | 0.00 | 54.74 |
| 72/06/07 | | | 0.0087 | 72.75 | 0.00 | 275.10 |
| 72/06/21 | | | 0.0025 | 72.57 | 0.00 | 286.70 |
| 72/07/06 | | | 0.0009 | 393.00 | 0.00 | 303.20 |
| 72/07/19 | | | 0.0044 | 21.00 | 0.00 | 177.00 |
| 72/08/03 | | | 0.0085 | 80.98 | 0.00 | 128.00 |
| 72/08/16 | | | 0.0033 | 32.98 | 0.00 | 136.50 |
| 72/09/14 | | | 0.0209 | 1109.00 | 0.05 | 126.60 |
| 72/09/29 | | | 0.0834 | 67.65 | 0.06 | 65.70 |
| 72/10/18 | | | 0.0371 | 15.29 | 0.00 | 24.09 |
| 72/11/01 | | | 0.1161 | 104.00 | 0.00 | 35.00 |
| 72/11/16 | | | 0.0588 | 11.00 | 0.00 | 25.00 |
| 72/12/20 | | | 0.0339 | 2.00 | 0.59 | 26.00 |
| 73/03/16 | | | 0.0249 | 9.46 | 0.18 | 25.93 |
| 73/04/11 | | | 0.0509 | 24.12 | 0.00 | 73.51 |
| 73/04/26 | | | 0.0014 | 31.19 | 0.00 | 113.20 |
| 73/05/10 | | | 0.5843 | 47.65 | 0.00 | 112.70 |
| 73/05/28 | | | 0.8841 | 273.50 | 0.02 | 40.50 |
| 73/06/08 | | | 0.4871 | 60.00 | 0.00 | 24.36 |
| 73/06/27 | | | 0.0100 | 748.30 | 0.00 | 93.10 |
| 73/07/10 | | | 0.0059 | 119.40 | 0.00 | 115.70 |
| 73/07/25 | | | 0.0021 | 222.00 | 0.00 | 243.00 |
| 73/08/08 | | | 0.0140 | 202.10 | 0.04 | 133.80 |
| 73/08/22 | | | 0.0095 | 95.96 | 0.00 | 265.40 |
| 73/09/06 | | | 0.0012 | 150.00 | 0.00 | 57.00 |
| 73/09/19 | | | 0.1234 | 213.40 | 0.00 | 191.70 |
| 73/10/03 | | | 0.3966 | 152.80 | 0.00 | 75.17 |
| 73/10/18 | | | 0.0193 | 80.00 | 0.00 | 64.99 |
| 73/11/19 | | | 0.0712 | 27.85 | 0.54 | 22.04 |
| 74/03/15 | | | 0.0049 | 125.10 | 0.07 | 56.26 |
| 74/04/02 | | | 0.0006 | 40.93 | 0.17 | 19.40 |

STORET RETRIEVAL DATE 77/03/14

052609 FG4
38 07 10.0 122 03 24.0 2
GRIZZLY BAY-NORTHWEST CORNER
06 CALIFORNIA
GRIZZLY BAY 140391

113BUREC 04001004
0005 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD- OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/17 | | | 0.0129 | 83.21 | 0.76 | 19.13 |
| 74/05/14 | | | 0.3337 | 136.60 | 0.07 | 57.58 |
| 74/05/29 | | | 0.2184 | 0.00L | 0.00L | 12.47L |
| 74/06/18 | | | 0.2634 | 0.00L | 0.00L | 6.06L |
| 74/06/28 | | | 0.2034 | 85.41 | 0.00 | 61.07 |
| 74/07/11 | | | 0.0213 | 39.26 | 0.00 | 61.58 |
| 74/07/25 | | | 0.1705 | 80.77 | 0.00 | 117.30 |
| 74/08/12 | | | 0.1393 | 663.90 | 0.00 | 90.07 |
| 74/08/26 | | | 0.1049 | 228.60 | 0.00 | 63.13 |
| 74/09/13 | | | 0.1507 | 53.80 | 0.00 | 62.57 |
| 74/09/24 | | | 0.0386 | 27.98 | 0.15 | 31.68 |
| 74/10/08 | | | 0.1276 | 16.39 | 0.00 | 25.92 |
| 74/10/23 | | | 0.0537 | 115.70 | 0.00 | 12.71 |
| 74/11/20 | | | 0.0167 | 12.50 | 0.35 | 26.40 |

STORET RETRIEVAL DATE 77/03/14

052613 FGB
38 05 21.0 122 00 29.0 2
SUISUN BAY-NORTH OF RYER ISLAND
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 00 29 LATITUDE - 38 05 21

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY NORTH OF RYER ISLAND.

SAMPLING TRANSECT - LOCATED IN MIDDLE OF SUISUN CUTOFF OPPOSITE ANAMESA SLOUGH.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N. CA.

STORET RETRIEVAL DATE 77/03/14

052613 FG8
38 05 21.0 122 00 29.0 2
SUISUN BAY-NORTH OF RYER ISLAND
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0030 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0600 | | | |
| 69/02/03 | | | 0.0003 | | | |
| 69/03/06 | | | 0.0002 | | | |
| 69/05/23 | | | 0.0910 | | | |
| 69/06/22 | | | 0.0682 | | | |
| 69/07/21 | | | 0.1828 | | | |
| 69/08/17 | | | 0.2187 | | | |
| 69/09/15 | | | 0.1130 | | | |
| 69/10/18 | | | 0.1057 | | | |
| 69/11/18 | | | 0.0208 | | | |
| 69/12/20 | | | 0.0027 | | | |
| 70/01/16 | | | 0.0008 | | | |
| 70/02/15 | | | 0.0011 | | | |
| 70/03/19 | | | 0.0254 | | | |
| 70/04/16 | | | 0.0327 | | | |
| 70/05/16 | | | 0.0009 | | | |
| 70/06/13 | | | 0.0036 | | | |
| 70/07/12 | | | 0.0051 | | | |
| 70/08/22 | | | 0.0100 | | | |
| 70/09/20 | | | 0.1037 | | | |
| 70/10/20 | | | 0.0707J | | | |
| 70/11/20 | | | 0.0432 | | | |
| 70/12/21 | | | 0.0072 | | | |
| 71/01/20 | | | 0.0062 | | | |
| 71/02/20 | | | 0.0027 | | | |
| 71/03/06 | | | 0.0039 | | | |
| 71/04/06 | | | 0.0539 | 0.03L | 0.01L | 0.32L |
| 71/05/05 | | | 0.0425 | 0.07L | 0.07L | 21.34L |
| 71/06/04 | | | 0.0339 | 0.39L | 1.11L | 15.92L |
| 71/07/01 | | | 0.1065 | 0.00L | 0.07L | 16.00L |
| 71/07/31 | | | 0.0411 | 0.00L | 0.00L | 34.58L |
| 71/09/02 | | | 0.4918 | 0.02L | 0.00L | 1.84L |
| 71/10/14 | | | 0.0342 | 0.00L | 0.00L | 14.91L |
| 71/11/10 | | | 0.0001 | 0.06L | 0.00L | 14.75L |
| 71/12/14 | | | 0.0074 | 0.00L | 0.00L | 3.79L |
| 72/01/12 | | | 0.0022 | 0.63 | 0.01 | 9.11 |

STORET RETRIEVAL DATE 77/03/14

052613 FG8
38 05 21.0 122 00 29.0 2
SUISUN BAY-NORTH OF RYER ISLAND
06 CALIFORNIA
SUISUN BAY 140391

113BUREC 04001004
0030 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/14 | | | 0.0011 | 13.02 | 0.04 | 6.87 |
| 72/03/13 | | | 0.0016 | 2.94 | 0.00 | 27.85 |
| 72/04/10 | | | 0.0210 | 2.84 | 0.00 | 55.08 |
| 72/04/21 | | | 0.0075 | 6.01 | 0.00 | 35.04 |
| 72/05/07 | | | 0.0093 | 2.64 | 0.00 | 97.23 |
| 72/05/21 | | | 0.0030 | 13.91 | 0.00 | 278.00 |
| 72/06/07 | | | 0.0046 | 88.00 | 0.00 | 162.70 |
| 72/06/21 | | | 0.0571 | 48.03 | 0.00 | 138.60 |
| 72/07/06 | | | 0.0018 | 114.60 | 0.00 | 227.10 |
| 72/07/19 | | | 0.0101 | 63.00 | 0.00 | 259.80 |
| 72/08/03 | | | 0.0104 | 77.22 | 0.00 | 218.40 |
| 72/08/16 | | | 0.0083 | 57.74 | 0.00 | 150.50 |
| 72/09/14 | | | 0.1008 | 1225.00 | 0.00 | 185.90 |
| 72/09/30 | | | 0.0966 | 82.00 | 0.03 | 64.00 |
| 72/10/18 | | | 0.0286 | 15.91 | 0.00 | 31.55 |
| 72/10/28 | | | 0.1141 | 152.40 | 0.00 | 34.51 |
| 72/11/16 | | | 0.0545 | 15.00 | 0.00 | 27.00 |
| 72/12/20 | | | 0.0091 | 3.00 | 0.02 | 21.00 |
| 73/03/16 | | | 0.0104 | 16.10 | 0.29 | 24.95 |
| 73/04/11 | | | 0.0246 | 11.18 | 0.00 | 118.60 |
| 73/04/26 | | | 0.1151 | 12.94 | 0.00 | 64.18 |
| 73/05/10 | | | 0.1827 | 45.88 | 0.00 | 49.94 |
| 73/05/28 | | | 0.2436 | 435.30 | 1.18 | 65.72 |
| 73/06/08 | | | 0.7354 | 157.10 | 0.00 | 22.03 |
| 73/06/27 | | | 0.0055 | 898.60 | 0.00 | 135.70 |
| 73/07/10 | | | 0.0284 | 101.00 | 0.00 | 104.70 |
| 73/07/25 | | | 0.0026 | 319.00 | 0.00 | 259.00 |
| 73/08/08 | | | 0.0043 | 310.90 | 0.00 | 158.50 |
| 73/08/22 | | | 0.0031 | 168.10 | 0.00 | 290.10 |
| 73/09/06 | | | 0.0152 | 146.10 | 0.00 | 53.00 |
| 73/09/19 | | | 0.0654 | 340.20 | 0.00 | 115.80 |
| 73/10/03 | | | 0.0350 | 728.40 | 0.00 | 72.21 |
| 73/10/18 | | | 0.0176 | 195.90 | 0.00 | 49.12 |
| 73/11/19 | | | 0.0166 | 32.64 | 0.66 | 16.38 |
| 74/03/15 | | | 0.0067 | 71.40 | 0.08 | 11.82 |
| 74/04/02 | | | 0.0058 | 27.66 | 0.27 | 14.23 |

STORET RETRIEVAL DATE 77/03/14

052613 FG8
38 05 21.0 122 00 29.0 2
SUISUN BAY-NORTH OF RYER ISLAND
06 CALIFORNIA
SUISUN BAY 140391

113BUREC 04001004
0030 FEET DEPTH CLASS 00

/TYPA/AMBNT/STREAM

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/17 | | | 0.0034 | 83.85 | 0.54 | 14.35 |
| 74/05/14 | | | 0.0930 | 175.50 | 0.58 | 51.99 |
| 74/05/29 | | | 0.3375 | 157.10 | 0.00 | 71.59 |
| 74/06/18 | | | 0.0980 | 433.50 | 0.00 | 137.70 |
| 74/06/28 | | | 0.1496 | 82.22L | 0.00L | 74.44L |
| 74/07/11 | | | 0.0647 | 67.90 | 0.00 | 122.90 |
| 74/07/25 | | | 0.2224 | 113.60 | 0.00 | 146.80 |
| 74/08/12 | | | 0.0792 | 759.50 | 0.00 | 131.20 |
| 74/08/26 | | | 0.0786 | 667.40 | 0.00 | 110.40 |
| 74/09/13 | | | 0.0938 | 83.06 | 0.18 | 78.28 |
| 74/09/24 | | | 0.1002 | 82.25 | 0.00 | 49.77 |
| 74/10/08 | | | 0.0735 | 64.09 | 0.08 | 86.94 |
| 74/10/23 | | | 0.0570 | 250.80 | 0.00 | 28.13 |
| 74/11/20 | | | 0.0023 | 4.89 | 0.07 | 47.01 |

STORET RETRIEVAL DATE 77/03/14

052614 FG9
38 03 47.0 122 01 38.0 2
SUISUN BAY-SOUTH OF ROE ISLAND
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 01 38 LATITUDE - 38 03 47

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY SOUTH OF ROE ISLAND.

SAMPLING TRANSECT - LOCATED IN CHANNEL FIVE HUNDRED YARDS UPSTREAM FROM BUOY 14.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/14

052614 FG9
38 03 47.0 122 01 38.0 2
SUISUN BAY-SOUTH OF ROE ISLAND
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/07 | | | 0.0191 | | | |
| 69/02/04 | | | 0.0002 | | | |
| 69/03/07 | | | 0.0002 | | | |
| 69/05/24 | | | 0.0559 | | | |
| 69/06/23 | | | 0.1910 | | | |
| 69/07/22 | | | 0.1475 | | | |
| 69/08/18 | | | 0.0301 | | | |
| 69/09/16 | | | 0.0926 | | | |
| 69/10/19 | | | 0.0417 | | | |
| 69/11/17 | | | 0.0464 | | | |
| 69/12/20 | | | 0.0030 | | | |
| 70/01/15 | | | 0.0074 | | | |
| 70/02/14 | | | 0.0006 | | | |
| 70/03/17 | | | 0.0412 | | | |
| 70/04/15 | | | 0.0539 | | | |
| 70/05/15 | | | 0.0242 | | | |
| 70/06/12 | | | 0.0084 | | | |
| 70/07/11 | | | 0.0028 | | | |
| 70/08/23 | | | 0.0045 | | | |
| 70/09/21 | | | 0.1097 | | | |
| 70/10/22 | | | 0.0481 | | | |
| 70/11/19 | | | 0.1021 | | | |
| 70/12/22 | | | 0.0557 | | | |
| 71/01/21 | | | 0.0086 | | | |
| 71/02/21 | | | 0.0029 | | | |
| 71/03/07 | | | 0.0094 | | | |
| 71/04/07 | | | 0.0177 | 0.06L | 0.003L | 0.47L |
| 71/05/06 | | | 0.1207 | 0.13L | 0.00L | 32.50L |
| 71/06/05 | | | 0.0188 | 0.33L | 0.78L | 12.99L |
| 71/07/01 | | | 0.0930 | 0.00L | 0.00L | 16.90L |
| 71/08/01 | | | 0.0319 | 0.00L | 0.25L | 86.65L |
| 71/09/03 | | | 0.0579 | 0.52L | 0.09L | 15.63L |
| 71/10/14 | | | 0.0057 | 0.98L | 0.00L | 7.88L |
| 71/11/12 | | | 0.0062 | 0.00L | 0.00L | 1.89L |
| 71/12/15 | | | 0.0096 | 0.00L | 0.00L | 1.88L |
| 72/01/13 | | | 0.0052 | 1.90 | 0.00 | 12.52 |

STORET RETRIEVAL DATE 77/03/14

052614 FG9
38 03 47.0 122 01 38.0 2
SUISUN BAY-SOUTH OF ROE ISLAND
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/11 | | | 0.0003 | 0.69 | 0.00 | 11.24 |
| 72/03/14 | | | 0.0069 | 2.00 | 0.05 | 44.00 |
| 72/04/11 | | | 0.0146 | 2.49 | 0.00 | 49.35 |
| 72/04/24 | | | 0.0070 | 2.82 | 0.00 | 23.19 |
| 72/05/09 | | | 0.0069 | 2.84 | 0.00 | 85.32 |
| 72/05/23 | | | 0.0060 | 129.80 | 0.00 | 115.20 |
| 72/06/08 | | | 0.0039 | 84.92 | 0.00 | 126.20 |
| 72/06/22 | | | 0.0061 | 18.89 | 0.00 | 111.60 |
| 72/07/08 | | | 0.0041 | 188.00 | 0.00 | 79.76 |
| 72/07/20 | | | 0.0095 | 46.28 | 0.00 | 131.20 |
| 72/08/04 | | | 0.0028 | 43.86 | 0.00 | 105.50 |
| 72/08/17 | | | 0.0090 | 33.70 | 0.00 | 89.60 |
| 72/09/15 | | | 0.0098 | 562.70 | 0.00 | 224.30 |
| 72/09/30 | | | 0.0780 | 23.11 | 0.03 | 60.37 |
| 72/10/17 | | | 0.0966 | 6.36 | 0.00 | 24.76 |
| 72/10/29 | | | 0.0248 | 96.86 | 0.01 | 7.59 |
| 72/11/17 | | | 0.0560 | 8.00 | 0.00 | 11.00 |
| 72/12/22 | | | 0.0274 | 12.00 | 0.00 | 33.00 |
| 73/03/17 | | | 0.0205 | 15.15 | 0.26 | 24.89 |
| 73/04/12 | | | 0.0350 | 9.41 | 0.00 | 205.70 |
| 73/04/27 | | | 0.1075 | 14.20 | 0.00 | 109.80 |
| 73/05/11 | | | 0.0504 | 146.50 | 0.00 | 60.04 |
| 73/05/29 | | | 0.1173 | 231.80 | 0.03 | 19.72 |
| 73/06/11 | | | 0.0442 | 231.90 | 0.00 | 28.45 |
| 73/06/28 | | | 0.0084 | 551.60 | 0.00 | 144.80 |
| 73/07/11 | | | 0.0029 | 82.68 | 0.00 | 132.10 |
| 73/07/26 | | | 0.0040 | 72.00 | 0.00 | 74.00 |
| 73/08/09 | | | 0.0035 | 196.20 | 0.00 | 127.40 |
| 73/08/23 | | | 0.0032 | 69.97 | 0.00 | 201.80 |
| 73/09/07 | | | 0.0176 | 115.00 | 0.00 | 143.00 |
| 73/09/20 | | | 0.0378 | 161.90 | 0.00 | 155.00 |
| 73/10/04 | | | 0.0664 | 564.10 | 0.00 | 108.20 |
| 73/10/19 | | | 0.0477 | 145.70 | 0.00 | 84.33 |
| 73/11/20 | | | 0.0220 | 34.61 | 0.69 | 10.61 |
| 74/03/18 | | | 0.0742 | 49.51 | 0.00 | 73.38 |
| 74/04/03 | | | 0.0012 | 52.43 | 0.78 | 21.33 |

STORET RETRIEVAL DATE 77/03/14

052614 FG9
38 03 47.0 122 01 38.0 2
SUISUN BAY-SOUTH OF ROE ISLAND
06 CALIFORNIA
SUISUN BAY 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0093 | 100.40 | 1.17 | 9.44 |
| 74/05/17 | | | 0.2786 | 385.00 | 4.24 | 48.04 |
| 74/05/30 | | | 0.3415 | 4072.00 | 0.00 | 130.50 |
| 74/06/17 | | | 0.3224 | 475.00 | 0.00 | 144.30 |
| 74/06/27 | | | 0.3132 | 165.80 | 0.00 | 140.30 |
| 74/07/12 | | | 0.0874 | 93.50 | 0.54 | 124.40 |
| 74/07/26 | | | 0.0851 | 159.70 | 0.04 | 129.00 |
| 74/08/13 | | | 0.0823 | 419.20 | 0.00 | 167.60 |
| 74/08/27 | | | 0.0895 | 199.00 | 0.00 | 315.10 |
| 74/09/16 | | | 0.0319 | 32.15 | 0.02 | 39.88 |
| 74/09/25 | | | 0.0584 | | | |
| 74/10/09 | | | 0.0833 | 44.97 | 0.05 | 139.90 |
| 74/10/24 | | | 0.3012 | 397.20 | 0.00 | 42.85 |
| 74/11/21 | | | 0.0086 | 13.13 | 0.02 | 15.45 |

STORET RETRIEVAL DATE 77/03/14

/TYPA/AMBNT/STREAM

052615 FG10
38 03 33.0 121 59 17.0 2
SUISUN BAY-OFF MIDDLE POINT
06 CALIFORNIA
SUISUN BAY 140392

113RUPEC 04001004
0025 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 59 17 LATITUDE - 38 03 33

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY OF FREEMAN ISLAND.

SAMPLING TRANSECT - LOCATED IN CHANNEL SIX HUNDRED YARDS SOUTH OF THE MI
DDLE OF FREEMAN ISLAND.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N, CA.

STORET RETRIEVAL DATE 77/03/14

052615 FG10
38 03 33.0 121 59 17.0 2
SUISUN BAY-OFF MIDDLE POINT
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0349 | | | |
| 69/02/03 | | | 0.0004 | | | |
| 69/03/06 | | | 0.0000 | | | |
| 69/05/23 | | | 0.0613 | | | |
| 69/06/22 | | | 0.0721 | | | |
| 69/07/21 | | | 0.0699 | | | |
| 69/08/17 | | | 0.5636 | | | |
| 69/09/15 | | | 0.1507 | | | |
| 69/10/18 | | | 0.0314 | | | |
| 69/11/18 | | | 0.1145 | | | |
| 69/12/20 | | | 0.0234 | | | |
| 70/01/16 | | | 0.0024 | | | |
| 70/02/15 | | | 0.0002 | | | |
| 70/03/19 | | | 0.0170 | | | |
| 70/04/16 | | | 0.0419 | | | |
| 70/05/16 | | | 0.0303 | | | |
| 70/06/13 | | | 0.0459 | | | |
| 70/07/12 | | | 0.0119 | | | |
| 70/08/22 | | | 0.0117 | | | |
| 70/09/20 | | | 0.1794 | | | |
| 70/10/20 | | | 0.0707J | | | |
| 70/11/20 | | | 0.0610 | | | |
| 70/12/21 | | | 0.0169 | | | |
| 71/01/20 | | | 0.0019 | | | |
| 71/02/20 | | | 0.0048 | | | |
| 71/03/07 | | | 0.0187 | | | |
| 71/04/06 | | | 0.0351 | 0.04L | 0.05 | 0.10L |
| 71/05/05 | | | 0.1881 | 0.00L | 0.00L | 1.00L |
| 71/06/04 | | | 0.1958 | 0.20L | 0.52 | 8.00L |
| 71/07/02 | | | 0.3223 | 0.00L | 0.00L | 4.00L |
| 71/07/31 | | | 0.3404 | 0.00L | 0.00L | 18.00L |
| 71/09/02 | | | 0.3114 | 0.00L | 0.01 | 2.00L |
| 71/10/14 | | | 0.0907 | 0.00L | 0.12 | 36.00L |
| 71/11/10 | | | 0.0806 | 0.00L | 0.01 | 8.00L |
| 71/12/14 | | | 0.0159 | 0.00L | 0.01 | 4.00L |
| 72/01/12 | | | 0.0011 | 2.00 | 0.01 | 13.00 |

STOPET RETRIEVAL DATE 77/03/14

052615 FG10
38 03 33.0 121 59 17.0 2
SUISUN BAY-OFF MIDDLE POINT
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/14 | | | 0.0059 | 5.00 | 0.04 | 8.00 |
| 72/03/13 | | | 0.0014 | 6.00 | 0.00 | 38.00 |
| 72/04/10 | | | 0.0185 | 7.00 | 0.00 | 47.00 |
| 72/04/21 | | | 0.0145 | 8.00 | 0.00 | 34.00 |
| 72/05/07 | | | 0.0154 | 1.00 | 0.00 | 204.00 |
| 72/05/21 | | | 0.0541 | 22.00 | 0.00 | 192.00 |
| 72/06/07 | | | 0.0028 | 80.00 | 0.00 | 142.00 |
| 72/06/21 | | | 0.0023 | 79.00 | 0.00 | 243.00 |
| 72/07/06 | | | 0.0054 | 409.00 | 0.00 | 440.00 |
| 72/07/19 | | | 0.0050 | 71.00 | 0.00 | 384.00 |
| 72/08/03 | | | 0.0093 | 46.00 | 0.00 | 141.00 |
| 72/08/16 | | | 0.0250 | 74.00 | 0.00 | 166.00 |
| 72/09/14 | | | 0.1380 | 611.00 | 0.05 | 204.00 |
| 72/09/30 | | | 0.1887 | 71.00 | 0.00 | 82.00 |
| 72/10/18 | | | 0.1170 | 31.00 | 0.13 | 83.00 |
| 72/11/01 | | | 0.6850 | 134.00 | 0.00 | 38.00 |
| 72/11/16 | | | 0.2650 | 9.00 | 0.03 | 36.00 |
| 72/12/20 | | | 0.4850 | 4.00 | 0.00 | 16.00 |
| 73/03/16 | | | 0.0050 | 7.00 | 0.48 | 17.00 |
| 73/04/11 | | | 0.0339 | 26.00 | 0.00 | 70.00 |
| 73/04/26 | | | 0.1491 | 26.00 | 0.00 | 135.00 |
| 73/05/10 | | | 0.3439 | 44.00 | 0.00 | 62.00 |
| 73/05/28 | | | 0.4223 | 361.00 | 0.00 | 49.00 |
| 73/06/08 | | | 0.5288 | 161.00 | 0.00 | 37.00 |
| 73/06/27 | | | 0.0101 | 540.00 | 0.00 | 146.00 |
| 73/07/10 | | | 0.0052 | 93.00 | 0.00 | 297.00 |
| 73/07/25 | | | 0.0170 | 334.00 | 0.00 | 103.00 |
| 73/08/08 | | | 0.0023 | 348.00 | 0.08 | 196.00 |
| 73/08/22 | | | 0.0000 | 93.00 | 0.00 | 261.00 |
| 73/09/06 | | | 0.0237 | 155.00 | 0.00 | 127.00 |
| 73/09/19 | | | 0.1389 | 217.00 | 0.00 | 190.00 |
| 73/10/03 | | | 0.1745 | 368.00 | 0.00 | 125.00 |
| 73/10/18 | | | 0.0694 | 107.00 | 0.02 | 70.00 |
| 73/11/19 | | | 0.0182 | 34.00 | 0.73 | 9.00 |
| 74/03/15 | | | 0.0075 | 70.33 | 0.07 | 8.66 |
| 74/04/02 | | | 0.0019 | 24.10 | 0.41 | 10.64 |

STORET RETRIEVAL DATE 77/03/14

052615 FG10
38 03 33.0 121 59 17.0 2
SUISUN BAY-OFF MIDDLE POINT
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/17 | | | 0.0038 | 80.18 | 0.38 | 15.45 |
| 74/05/14 | | | 0.2407 | 253.60 | 1.40 | 68.28 |
| 74/05/29 | | | 0.4823 | 167.40 | 0.00 | 61.81 |
| 74/06/18 | | | 0.1061 | 377.80 | 0.00 | 103.30 |
| 74/06/28 | | | 0.2163 | 85.31 | 0.00 | 126.80 |
| 74/07/11 | | | 0.3608 | 24.16 | 0.00 | 114.50 |
| 74/07/25 | | | 0.2093 | 50.28 | 0.00 | 118.70 |
| 74/08/12 | | | 0.1233 | 471.60 | 0.00 | 107.80 |
| 74/08/26 | | | 0.1488 | 275.30 | 0.00 | 122.70 |
| 74/09/13 | | | 0.0578 | 78.52 | 0.13 | 163.70 |
| 74/09/24 | | | 0.2707 | 100.20 | 0.00 | 51.35 |
| 74/10/08 | | | 0.1211 | 45.11 | 0.00 | 113.00 |
| 74/10/23 | | | 0.0709 | 80.11 | 0.00 | 51.68 |
| 74/11/20 | | | 0.0099 | 5.51 | 0.52 | 12.38 |

STORET RETRIEVAL DATE 77/03/14

052616 FG11
38 03 20.0 121 57 38.0 2
SUISUN BAY-OFF STAKE POINT
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 57 38 LATITUDE - 38 03 20

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN SUISUN BAY OFF STAKE POINT.

SAMPLING TRANSECT - LOCATED NORTHWEST OF STAKE POINT AND ONE HUNDRED YAR
DS UPSTREAM FROM BUOY 22.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N, CA.

STORET RETRIEVAL DATE 77/03/14

052616 FG11
38 03 20.0 121 57 38.0 2
SUISUN BAY-OFF STAKE POINT
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/07 | | | 0.0348 | | | |
| 69/02/04 | | | 0.0002 | | | |
| 69/03/07 | | | 0.0001 | | | |
| 69/05/24 | | | 0.0204 | | | |
| 69/06/23 | | | 0.1810 | | | |
| 69/07/22 | | | 0.2352 | | | |
| 69/08/18 | | | 0.3013 | | | |
| 69/09/16 | | | 0.1026 | | | |
| 69/10/19 | | | 0.0526 | | | |
| 69/11/17 | | | 0.0625 | | | |
| 69/12/20 | | | 0.0015 | | | |
| 70/01/15 | | | 0.0018 | | | |
| 70/02/14 | | | 0.0002 | | | |
| 70/03/17 | | | 0.0216 | | | |
| 70/04/15 | | | 0.0765 | | | |
| 70/05/15 | | | 0.0610 | | | |
| 70/06/12 | | | 0.1036 | | | |
| 70/07/11 | | | 0.0935 | | | |
| 70/08/23 | | | 0.1441 | | | |
| 70/09/21 | | | 0.2124 | | | |
| 70/10/22 | | | 0.1353 | | | |
| 70/11/19 | | | 0.0532 | | | |
| 70/12/22 | | | 0.0192 | | | |
| 71/01/21 | | | 0.0049 | | | |
| 71/02/21 | | | 0.0053 | | | |
| 71/03/07 | | | 0.0057 | | | |
| 71/04/07 | | | 0.0202 | 0.00L | 0.03L | 0.16L |
| 71/05/06 | | | 0.0460 | 0.59L | 0.07L | 15.73L |
| 71/06/05 | | | 0.0497 | 0.09L | 0.22L | 2.54L |
| 71/07/01 | | | 0.0771 | 0.02L | 0.07L | 4.09L |
| 71/08/01 | | | 0.3115 | 0.00L | 0.65L | 32.93L |
| 71/09/03 | | | 0.2882 | 0.00L | 0.20L | 13.59L |
| 71/10/14 | | | 0.0487 | 0.00L | 0.00L | 16.25L |
| 71/11/12 | | | 0.0090 | 0.00L | 0.00L | 3.23L |
| 71/12/15 | | | 0.0055 | 0.04L | 0.01L | 3.61L |
| 72/01/13 | | | 0.0021 | 1.94 | 0.03 | 14.90 |

STORET RETRIEVAL DATE 77/03/14

052616 FG11
38 03 20.0 121 57 38.0 2
SUISUN BAY-OFF STAKE POINT
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/10 | | | | 13.60 | 0.03 | 4.21 |
| 72/02/14 | | | 0.0048 | | | |
| 72/03/14 | | | 0.0076 | 12.35 | 0.00 | 34.24 |
| 72/04/11 | | | 0.0178 | 17.79 | 0.00 | 72.93 |
| 72/04/24 | | | 0.0052 | 10.69 | 0.00 | 35.71 |
| 72/05/09 | | | 0.0161 | 3.08 | 0.00 | 77.45 |
| 72/05/23 | | | 0.0120 | 31.19 | 0.00 | 307.40 |
| 72/06/08 | | | 0.0130 | 95.55 | 0.00 | 151.10 |
| 72/06/22 | | | 0.0021 | 116.00 | 0.00 | 27.33 |
| 72/07/08 | | | 0.0062 | 124.00 | 0.00 | 328.50 |
| 72/07/20 | | | 0.0139 | 16.14 | 0.00 | 281.70 |
| 72/08/04 | | | 0.0109 | 17.75 | 0.00 | 122.20 |
| 72/08/17 | | | 0.0435 | 91.02 | 0.00 | 220.20 |
| 72/09/15 | | | 0.0891 | 457.60 | 0.11 | 245.00 |
| 72/09/30 | | | 0.1341 | 34.71 | 0.22 | 94.46 |
| 72/10/17 | | | 0.0562 | 19.57 | 0.08 | 43.42 |
| 72/10/29 | | | 0.0342 | 151.20 | 0.00 | 39.18 |
| 72/11/17 | | | 0.0351 | 7.00 | 0.03 | 47.00 |
| 72/12/22 | | | 0.0167 | 14.00 | 1.23 | 14.00 |
| 73/03/17 | | | 0.0053 | 18.27 | 0.42 | 18.30 |
| 73/04/12 | | | 0.0463 | 25.34 | 0.05 | 71.53 |
| 73/04/27 | | | 0.1101 | 58.82 | 0.00 | 188.50 |
| 73/05/11 | | | 0.2382 | 157.10 | 0.00 | 71.70 |
| 73/05/29 | | | 0.6986 | 99.41 | 0.00 | 44.88 |
| 73/06/11 | | | 0.3398 | 60.59 | 0.00 | 26.35 |
| 73/06/28 | | | 0.0940 | 277.70 | 0.00 | 46.94 |
| 73/07/11 | | | 0.0111 | 168.40 | 0.00 | 337.80 |
| 73/07/26 | | | 0.0071 | 120.00 | 0.00 | 79.00 |
| 73/08/09 | | | 0.0082 | 165.40 | 0.14 | 119.70 |
| 73/08/23 | | | 0.0292 | 55.82 | 0.00 | 149.60 |
| 73/09/07 | | | 0.0384 | 24.64 | 0.00 | 97.00 |
| 73/09/20 | | | 0.1750 | 43.03 | 0.12 | 150.70 |
| 73/10/04 | | | 0.0366 | 205.90 | 0.82 | 99.32 |
| 73/10/19 | | | 0.0564 | 65.48 | 0.10 | 88.36 |
| 73/11/20 | | | 0.0190 | 32.87 | 0.97 | 6.86 |
| 74/03/18 | | | 0.0033 | 67.99 | 0.21 | 21.87 |

STORET RETRIEVAL DATE 77/03/14

052616 FG11
38 03 20.0 121 57 38.0 2
SUISUN BAY-OFF STAKE POINT
06 CALIFORNIA
SUISUN BAY 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0025 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD- OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/03 | | | 0.0004 | 103.30 | 10.41 | 15.66 |
| 74/04/18 | | | 0.0022 | 74.60 | 0.80 | 12.83 |
| 74/05/17 | | | 0.1362 | 303.50 | 15.79 | 36.18 |
| 74/05/30 | | | 0.3349 | 747.80 | 0.08 | 60.77 |
| 74/06/17 | | | 0.3441 | 591.40 | 0.09 | 40.07 |
| 74/06/27 | | | 0.3656 | 75.14 | 0.00 | 73.67 |
| 74/07/12 | | | 0.5839 | 49.73 | 0.00 | 132.50 |
| 74/07/26 | | | 0.2926 | 73.12 | 0.11 | 88.27 |
| 74/08/13 | | | 0.3198 | 56.59 | 0.09 | 39.09 |
| 74/08/27 | | | 0.2302 | 44.51 | 0.24 | 71.63 |
| 74/09/16 | | | 0.0883 | 96.98 | 0.31 | 38.01 |
| 74/09/25 | | | 0.0869 | 122.70 | 0.0002 | 22.65 |
| 74/10/09 | | | 0.0868 | 89.78 | 0.00 | 51.76 |
| 74/10/24 | | | 0.0642 | 45.41 | 0.20 | 32.80 |
| 74/11/21 | | | 0.0294 | 19.13 | 0.19 | 43.25 |

# Suisun Marsh

STORET RETRIEVAL DATE 77/03/17

052610 FG5
38 10 56.0 122 01 00.0 2
MONTEZUMA SLOUGH- NEAR JOICE I.
06 CALIFORNIA
MONTEZUMA SLOUGH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0027 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 01 00 LATITUDE - 38 10 56

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN MONTEZUMA SLOUGH NEAR JOICE ISLAND.

SAMPLING TRANSECT - LOCATED THREE HUNDRED YARDS UPSTREAM FROM OVERHEAD P
OWER CABLE.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO
N, CA.

STORET RETRIEVAL DATE 77/03/17

052610 F65
38 10 56.0 122 01 00.0 2
MONTEZUMA SLOUGH- NEAR JOICE I.
06 CALIFORNIA
MONTEZUMA SLOUGH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0027 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/06 | | | 0.0099 | | | |
| 69/02/03 | | | 0.0535 | | | |
| 69/03/06 | | | 0.0161 | | | |
| 69/05/23 | | | 0.1147 | | | |
| 69/06/22 | | | 0.1123 | | | |
| 69/07/21 | | | 0.1677 | | | |
| 69/08/17 | | | 0.6611 | | | |
| 69/09/15 | | | 0.2807 | | | |
| 69/10/18 | | | 0.0028 | | | |
| 69/11/18 | | | 0.0570 | | | |
| 69/12/20 | | | 0.0116 | | | |
| 70/01/16 | | | 0.0048 | | | |
| 70/02/15 | | | 0.0076 | | | |
| 70/03/19 | | | 0.0271 | | | |
| 70/04/16 | | | 0.0563 | | | |
| 70/05/16 | | | 0.0634 | | | |
| 70/06/13 | | | 0.1423 | | | |
| 70/07/12 | | | 0.0829 | | | |
| 70/08/22 | | | 0.0480 | | | |
| 70/09/20 | | | 0.3742 | | | |
| 70/10/20 | | | 0.1017J | | | |
| 70/11/20 | | | 0.2361 | | | |
| 70/12/21 | | | 0.0000 | | | |
| 71/01/20 | | | 0.0129 | | | |
| 71/02/20 | | | 0.0219 | | | |
| 71/03/06 | | | 0.0371 | | | |
| 71/04/06 | | | 0.0276 | 0.00L | 0.01L | 2.21L |
| 71/05/05 | | | 0.0665 | 0.00L | 0.00L | 10.31L |
| 71/06/04 | | | 0.3615 | 0.00L | 0.00L | 14.81L |
| 71/07/01 | | | 0.1065 | 0.00L | 0.00L | 40.00L |
| 71/07/31 | | | 0.0908 | 0.00L | 0.15L | 35.30L |
| 71/09/02 | | | 0.3856 | 0.00L | 0.00L | 7.57L |
| 71/10/14 | | | 0.1523 | 0.00L | 0.00L | 17.10L |
| 71/11/10 | | | 0.0193 | 0.00L | 0.00L | 11.02L |
| 71/12/14 | | | 0.0382 | 0.00L | 0.00L | 12.21L |
| 72/01/12 | | | 0.0152 | 3.53 | 0.00 | 31.98 |

STORET RETRIEVAL DATE 77/03/17

052610 FG5
38 10 56.0 122 01 00.0 2
MONTEZUMA SLOUGH- NEAR JOICE I.
06 CALIFORNIA
MONTEZUMA SLOUGH 140391

/TYPA/AMBNT/STREAM

113HUREC 04001004
0027 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/10 | | | 0.0056 | 6.50 | 0.00 | 34.15 |
| 72/03/13 | | | 0.0074 | 0.59L | 0.00L | 44.00 |
| 72/04/10 | | | 0.0324 | 5.88 | 0.00 | 51.53 |
| 72/04/21 | | | 0.0822 | 5.29 | 0.00 | 25.37 |
| 72/05/07 | | | 0.1471 | 2.00 | 0.00 | 106.00 |
| 72/05/21 | | | 0.1227 | 1.18 | 0.00 | 98.46 |
| 72/06/07 | | | 0.1124 | 25.25 | 0.00 | 86.56 |
| 72/06/21 | | | 0.1150 | 32.70 | 0.00 | 139.20 |
| 72/07/06 | | | 0.0172 | 165.60 | 0.00 | 228.50 |
| 72/07/19 | | | 0.0816 | 31.00 | 0.00 | 74.17 |
| 72/08/03 | | | 0.0236 | 52.01 | 0.59 | 49.63 |
| 72/08/16 | | | 0.0329 | 44.74 | 0.00 | 53.30 |
| 72/09/14 | | | 0.0619 | 830.00 | 0.00 | 159.60 |
| 72/09/29 | | | 0.2991 | 77.65 | 0.00 | 47.69 |
| 72/10/18 | | | 0.1271 | 6.00 | 0.00 | 72.00 |
| 72/11/01 | | | 0.2651 | 17.00 | 0.00 | 42.00 |
| 72/11/16 | | | 0.2634 | 12.35 | 0.00 | 37.78 |
| 72/12/20 | | | 0.0242 | 2.00 | 0.00 | 31.00 |
| 73/03/16 | | | 0.0295 | 10.81 | 0.15 | 101.60 |
| 73/04/11 | | | 0.1236 | 5.29 | 0.00 | 170.80 |
| 73/04/26 | | | 0.2762 | 14.12 | 0.00 | 246.00 |
| 73/05/10 | | | 0.9613 | 14.12 | 0.00 | 56.50 |
| 73/05/28 | | | 1.0470 | 173.50 | 0.00 | 50.15 |
| 73/06/08 | | | 0.9246 | 304.10 | 0.00 | 45.03 |
| 73/06/27 | | | 0.3267 | 6869.00 | 3.53 | 182.00 |
| 73/07/10 | | | 0.0660 | 237.30 | 0.00 | 192.70 |
| 73/07/25 | | | 0.1270 | 156.00 | 0.00 | 277.00 |
| 73/08/08 | | | 0.0840 | 163.90 | 0.00 | 347.50 |
| 73/08/22 | | | 0.1701 | 77.87 | 0.00 | 117.70 |
| 73/09/06 | | | 0.2465 | 212.90 | 0.00 | 121.00 |
| 73/09/19 | | | 0.3881 | 146.60 | 1.75 | 103.50 |
| 73/10/03 | | | 0.2277 | 79.44 | 0.00 | 51.71 |
| 73/10/18 | | | 0.2377 | 73.15 | 0.00 | 70.97 |
| 73/11/19 | | | 0.1355 | 38.66 | 0.02 | 61.76 |
| 74/03/15 | | | 0.0727 | 59.48 | 0.00 | 18.01 |
| 74/04/02 | | | 0.0585 | 31.98 | 0.02 | 51.93 |

STORET RETRIEVAL DATE 77/03/17

052610 FG5
38 10 56.0 122 01 00.0 2
MONTEZUMA SLOUGH- NEAR JOICE I.
06 CALIFORNIA
MONTEZUMA SLOUGH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0027 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/17 | | | 0.0209 | 58.34 | 0.00 | 54.79 |
| 74/05/14 | | | 0.7241 | 50.84 | 0.00 | 69.26 |
| 74/05/29 | | | 0.4020 | 0.00L | 0.00L | 14.56L |
| 74/06/18 | | | 0.2624 | 1309.00 | 0.04 | 207.40 |
| 74/06/28 | | | 0.5952 | 211.20 | 0.00 | 169.10 |
| 74/07/11 | | | 0.1847 | 37.22L | 0.00L | 96.11L |
| 74/07/25 | | | 0.5423 | 151.90 | 0.00 | 91.28 |
| 74/08/12 | | | 0.2255 | 221.40 | 0.00 | 71.16 |
| 74/08/26 | | | 0.2931 | 111.00 | 0.00 | 70.83 |
| 74/09/13 | | | 0.6353 | 31.72 | 0.26 | 42.64 |
| 74/09/24 | | | 0.3199 | 13.44 | 0.03 | 31.12 |
| 74/10/08 | | | 0.1450 | 53.32 | 0.12 | 67.71 |
| 74/10/23 | | | 0.1062 | 16.49 | 0.00 | 42.01 |
| 74/11/20 | | | 0.0447 | 12.90 | 0.07 | 70.87 |

STORET RETRIEVAL DATE 77/03/17

052611 FG6
38 08 07.0 121 54 43.0 2
MONTEZUMA SLOUGH-SO. MEINS LDNG.
06 CALIFORNIA
MONTEZUMA SLOUGH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0012 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 54 43 LATITUDE - 38 08 07

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN MONTEZUMA SLOUGH SOUTH OF MEINS LANDING.

SAMPLING TRANSECT - LOCATED FOUR HUNDRED YARDS UPSTREAM FROM TULE ISLAND ON WEST BANK TO MEINS LANDING.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N, CA.

STORET RETRIEVAL DATE 77/03/17

052611 FG6
38 08 07.0 121 54 43.0 2
MONTEZUMA SLOUGH-SO. MEINS LDNG.
06 CALIFORNIA
MONTEZUMA SLOUGH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0012 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 70/01/16 | | | 0.0000 | | | |
| 70/02/15 | | | 0.0000 | | | |
| 70/03/19 | | | 0.0000 | | | |
| 70/04/16 | | | 0.0000 | | | |
| 70/05/16 | | | 0.0000 | | | |
| 70/06/13 | | | 0.0000 | | | |
| 70/07/12 | | | 0.0000 | | | |
| 70/08/22 | | | 0.0000 | | | |
| 70/09/20 | | | 0.0000 | | | |
| 70/10/20 | | | 0.1326 | | | |
| 70/11/20 | | | 0.0462 | | | |
| 70/12/21 | | | 0.0000 | | | |
| 71/01/20 | | | 0.0067 | | | |
| 71/02/21 | | | 0.0056 | | | |
| 71/03/07 | | | 0.0232 | | | |
| 71/04/06 | | | 0.0060 | 0.00L | 0.00L | 5.88L |
| 71/05/05 | | | 0.0139 | 0.00L | 0.00L | 6.52L |
| 71/06/04 | | | 0.1328 | 0.00L | 0.00L | 28.06L |
| 71/07/01 | | | 0.0734 | 0.00L | 0.00L | 30.00L |
| 71/07/31 | | | 0.1405 | 0.00L | 0.09L | 26.72L |
| 71/09/02 | | | 0.3615 | 0.00L | 0.00L | 15.56L |
| 71/10/14 | | | 0.0901 | 0.00L | 0.07L | 14.29L |
| 71/11/10 | | | 0.0198 | 0.00L | 0.00L | 24.53L |
| 71/12/14 | | | 0.0536 | 0.00L | 0.00L | 18.94L |
| 72/01/13 | | | 0.0024 | 2.94 | 0.02 | 39.59 |
| 72/02/14 | | | 0.0082 | 7.18 | 0.00 | 49.08 |
| 72/03/13 | | | 0.0082 | 1.00 | 0.00 | 17.00 |
| 72/04/11 | | | 0.0105 | 11.76 | 0.01 | 11.39 |
| 72/04/24 | | | 0.0114 | 19.41 | 0.00 | 35.40 |
| 72/05/09 | | | 0.0407 | 12.35 | 0.00 | 30.85 |
| 72/05/23 | | | 0.0237 | 14.16 | 0.00 | 102.20 |
| 72/06/08 | | | 0.0574 | 0.63 | 0.00 | 67.63 |
| 72/06/22 | | | 0.2243 | 55.38 | 0.00 | 34.85 |
| 72/07/08 | | | 0.0278 | 47.13 | 0.00 | 125.70 |
| 72/07/20 | | | 0.0322 | 17.00 | 0.00 | 60.00 |
| 72/08/04 | | | 0.0233 | 18.26 | 0.00 | 10.82 |

STORET RETRIEVAL DATE 77/03/17

052611 FG6
38 08 07.0 121 54 43.0 2
MONTEZUMA SLOUGH-SO. MEINS LONG.
06 CALIFORNIA
MONTEZUMA SLOUGH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0012 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/08/17 | | | 0.0016 | 17.88 | 0.00 | 42.08 |
| 72/09/15 | | | 0.0007 | 39.00 | 0.00 | 126.20 |
| 72/09/30 | | | 0.0090 | 48.87 | 0.00 | 32.09 |
| 72/10/17 | | | 0.0125 | 44.82 | 0.00 | 84.12 |
| 72/11/02 | | | 0.2613 | 21.00 | 0.00 | 84.00 |
| 72/11/17 | | | 0.0401 | 19.00 | 0.00 | 75.00 |
| 72/12/21 | | | 0.0211 | 10.00 | 0.66 | 85.00 |
| 73/03/17 | | | 0.0092 | 10.71 | 0.64 | 90.32 |
| 73/04/12 | | | 0.0900 | 10.65 | 0.10 | 147.80 |
| 73/04/27 | | | 0.1559 | 6.47 | 0.00 | 118.20 |
| 73/05/11 | | | 0.2523 | 8.23 | 0.00 | 97.34 |
| 73/05/29 | | | 0.2797 | 12.94 | 0.00 | 78.62 |
| 73/06/11 | | | 0.0766 | 824.70 | 0.04 | 52.76 |
| 73/06/28 | | | 0.1945 | 686.50 | 0.11 | 103.00 |
| 73/07/11 | | | 0.2061 | 244.10 | 0.00 | 114.90 |
| 73/07/26 | | | 0.3582 | 138.00 | 0.09 | 52.00 |
| 73/08/09 | | | 0.1832 | 360.00 | 0.00 | 104.10 |
| 73/08/23 | | | 0.0000 | 197.80 | 0.10 | 64.03 |
| 73/09/07 | | | 0.0786 | 27.65 | 0.03 | 28.00 |
| 73/09/20 | | | 0.1504 | 129.10 | 0.00 | 63.47 |
| 73/10/04 | | | 0.0920 | 53.62 | 0.00 | 20.65 |
| 73/10/19 | | | 0.1565 | 27.98 | 0.00 | 64.55 |
| 73/11/20 | | | 0.0248 | 27.08 | 0.74 | 51.57 |
| 74/03/18 | | | 0.0027 | 40.89 | 0.04 | 19.01 |
| 74/04/03 | | | 0.0055 | 73.17 | 1.08 | 24.22 |
| 74/04/18 | | | 0.0040 | 47.75 | 0.11 | 6.86 |
| 74/05/16 | | | 0.1991 | 73.30 | 0.26 | 20.45 |
| 74/05/30 | | | 0.1847 | 70.88 | 0.00 | 75.43 |
| 74/06/12 | | | 0.0298 | 931.90 | 0.00 | 41.29 |
| 74/06/27 | | | 0.0718 | 305.00 | 0.00 | 42.51 |
| 74/07/12 | | | 0.1061 | 19.57 | 0.00 | 38.43 |
| 74/07/26 | | | 0.2442 | 391.80 | 0.00 | 82.34 |
| 74/08/13 | | | 0.0452 | 25.00 | 0.07 | 23.79 |
| 74/08/27 | | | 0.0592 | 9.57 | 0.02 | 23.42 |
| 74/09/16 | | | 0.0635 | 21.25 | 1.08 | 24.76 |
| 74/09/25 | | | 0.0232 | 23.89 | 0.04 | 38.39 |
| 74/10/09 | | | 0.0165 | 26.09 | 0.00 | 31.61 |
| 74/10/24 | | | 0.0155 | 20.23 | 0.09 | 64.06 |
| 74/11/21 | | | 0.0160 | 5.98 | 0.09 | 29.77 |

STORET RETRIEVAL DATE 77/03/17

052612 FG7
38 04 50.0 121 53 00.0 2
MONTEZUMA SLOUGH-VAN SICKLE I.
06 CALIFORNIA
MONTEZUMA SLOUGH 140392

/TYPA/AMBNT/STREAM

113BUPEC 04001004
0028 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 121 53 00 LATITUDE - 38 04 50

SAMPLING STATION FOR NEOMYSIS - ZOOPLANKTON STUDY.

DESCRIPTION - LOCATED IN MONTEZUMA SLOUGH AT VAN SICKLE ISLAND.

SAMPLING TRANSECT - LOCATED AT BOAT SHED ON WEST BANK AND THREE HUNDRED YARDS UPSTREAM FROM PIPELINE AREA.

SAMPLES COLLECTED AND ANALYZED BY DEPARTMENT OF FISH AND GAME IN STOCKTO N. CA.

STORET RETRIEVAL DATE 77/03/17

052612 FG7
38 04 50.0 121 53 00.0 2
MONTEZUMA SLOUGH-VAN SICKLE I.
06 CALIFORNIA
MONTEZUMA SLOUGH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 69/01/07 | | | 0.0046 | | | |
| 69/02/03 | | | 0.0001 | | | |
| 69/03/07 | | | 0.0001 | | | |
| 69/05/23 | | | 0.0025 | | | |
| 69/06/23 | | | 0.0315 | | | |
| 69/07/23 | | | 0.0250 | | | |
| 69/08/18 | | | 0.1671 | | | |
| 69/09/16 | | | 0.0489 | | | |
| 69/10/19 | | | 0.1413 | | | |
| 69/11/17 | | | 0.0272 | | | |
| 69/12/20 | | | 0.0058 | | | |
| 70/01/16 | | | 0.0048 | | | |
| 70/02/15 | | | 0.0027 | | | |
| 70/03/19 | | | 0.0013 | | | |
| 70/04/16 | | | 0.0146 | | | |
| 70/05/16 | | | 0.0460 | | | |
| 70/06/13 | | | 0.0000 | | | |
| 70/07/12 | | | 0.0801 | | | |
| 70/08/22 | | | 0.0270 | | | |
| 70/09/20 | | | 0.0224 | | | |
| 70/10/20 | | | 0.0622 | | | |
| 70/11/20 | | | 0.0243 | | | |
| 70/12/21 | | | 0.0029 | | | |
| 71/01/20 | | | 0.0014 | | | |
| 71/02/21 | | | 0.0021 | | | |
| 71/03/07 | | | 0.0045 | | | |
| 71/04/07 | | | 0.0012 | 2.00L | 0.15L | 0.20L |
| 71/05/06 | | | 0.0130 | 1.57L | 0.89L | 3.02L |
| 71/06/05 | | | 0.0066 | 1.00L | 3.20L | 5.00L |
| 71/07/01 | | | 0.0097 | 0.49L | 2.38L | 9.49L |
| 71/08/01 | | | 0.0312 | 0.20L | 0.10L | 4.00L |
| 71/09/02 | | | 0.0165 | 0.01L | 0.10L | 1.55L |
| 71/10/14 | | | 0.1059 | 0.13L | 2.12L | 28.04L |
| 71/11/10 | | | 0.0294 | 0.07L | 0.54L | 5.14L |
| 71/12/14 | | | 0.0098 | 0.10L | 0.79L | 11.46L |
| 72/01/13 | | | 0.0082 | 3.63 | 0.05 | 10.13 |

STORET RETRIEVAL DATE 77/03/17

052612 FG7
38 04 50.0 121 53 00.0 2
MONTEZUMA SLOUGH-VAN SICKLE I.
06 CALIFORNIA
MONTEZUMA SLOUGH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 72/02/14 | | | 0.0018 | 10.59L | 0.05 | 9.00 |
| 72/03/13 | | | 0.0035 | 10.00 | 0.06 | 16.00 |
| 72/04/11 | | | 0.0244 | 45.90 | 0.07 | 13.92 |
| 72/04/24 | | | 0.0166 | 65.57 | 0.00 | 19.60 |
| 72/05/09 | | | 0.0084 | 2.00 | 0.01 | 8.00 |
| 72/05/23 | | | 0.0164 | 2.35 | 0.00 | 14.70 |
| 72/06/08 | | | 0.0065 | 4.52 | 0.00 | 20.03 |
| 72/06/22 | | | 0.0171 | 56.23 | 0.00 | 56.34 |
| 72/07/08 | | | 0.0049 | 9.63 | 0.00 | 130.30 |
| 72/07/20 | | | 0.0097 | 20.00 | 0.00 | 106.00 |
| 72/08/04 | | | 0.0263 | 5.32 | 0.00 | 90.89 |
| 72/08/17 | | | 0.0353 | 8.26 | 0.08 | 72.99 |
| 72/09/15 | | | 0.0924 | 34.12 | 0.15 | 109.20 |
| 72/09/30 | | | 0.0162 | 74.71 | 0.40 | 74.08 |
| 72/10/17 | | | 0.0503 | 28.75 | 0.52 | 145.00 |
| 72/11/02 | | | 0.0194 | 8.00 | 0.90 | 77.00 |
| 72/11/17 | | | 0.0124 | 16.00 | 1.02 | 42.00 |
| 72/12/21 | | | 0.0010 | 18.00 | 0.31 | 6.00 |
| 73/03/17 | | | 0.0122 | 25.45 | 0.95 | 50.63 |
| 73/04/12 | | | 0.0216 | 58.24 | 0.00 | 33.72 |
| 73/04/27 | | | 0.1659 | 126.00 | 0.01 | 35.01 |
| 73/05/11 | | | 0.1389 | 7.06 | 0.00 | 50.38 |
| 73/05/29 | | | 0.0560 | 11.18 | 0.01 | 9.36 |
| 73/06/11 | | | 0.0257 | 60.68 | 0.01 | 18.88 |
| 73/06/28 | | | 0.0240 | 150.20 | 0.26 | 30.10 |
| 73/07/11 | | | 0.0136 | 122.30 | 0.33 | 39.77 |
| 73/07/26 | | | 0.0630 | 94.00 | 0.00 | 83.00 |
| 73/08/09 | | | 0.0544 | 154.20 | 0.59 | 106.90 |
| 73/08/23 | | | 0.1314 | 26.71 | 0.00 | 81.78 |
| 73/09/07 | | | 0.0461 | 7.69 | 0.07 | 35.00 |
| 73/09/20 | | | 0.0186 | 47.07 | 0.05 | 73.73 |
| 73/10/04 | | | 0.0043 | 151.20 | 0.27 | 12.94 |
| 73/10/19 | | | 0.0148 | 80.53 | 0.22 | 30.98 |
| 73/11/20 | | | 0.0034 | 31.24 | 1.41 | 15.23 |
| 74/03/18 | | | 0.0031 | 51.13 | 0.09 | 14.80 |
| 74/04/03 | | | 0.0002 | 106.50 | 0.84 | 29.63 |

STORET RETRIEVAL DATE 77/03/17

052612 FG7
38 04 50.0 121 53 00.0 2
MONTEZUMA SLOUGH-VAN SICKLE I.
06 CALIFORNIA
MONTEZUMA SLOUGH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0028 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 O CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/04/18 | | | 0.0027 | 95.29 | 0.75 | 8.44 |
| 74/05/16 | | | 0.1210 | 203.50 | 19.34 | 23.27 |
| 74/05/30 | | | 0.0545 | 343.70 | 2.77 | 28.59 |
| 74/06/12 | | | 0.0266 | 480.30 | 0.30 | 18.76 |
| 74/06/27 | | | 0.0471 | 310.50 | 0.01 | 16.00 |
| 74/07/12 | | | 0.0282 | 31.69 | 0.03 | 28.51 |
| 74/07/26 | | | 0.0122 | 25.44 | 0.60 | 16.76 |
| 74/08/13 | | | 0.0054 | 45.30 | 0.05 | 16.96 |
| 74/08/27 | | | 0.0237 | 15.78 | 0.05 | 9.31 |
| 74/09/16 | | | 0.0007 | 68.60 | 3.09 | 8.06 |
| 74/09/25 | | | 0.0050 | 97.85 | 1.27 | 8.85 |
| 74/10/09 | | | 0.0301 | 62.24 | 1.60 | 15.91 |
| 74/10/24 | | | 0.0068 | 315.00 | 5.61 | 138.20 |
| 74/11/21 | | | 0.0077 | 5.03 | 0.94 | 14.17 |

STORET RETRIEVAL DATE 77/03/17

052538 S4
38 13 40.0 122 01 20.1 1
HILL SL AT GRIZZLEY ISL. RD S4
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| | RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 121 01 20 LATITUDE - 38 13 40

MONITORING STATION FOR SUISUN MARSH RESEARCH AND TESTING PROGRAM.

DESCRIPTION - LOCATED IN HILL SLOUGH.

SAMPLING POINT - IN HULL SLOUGH.WHERE GRIZZLY ISLAND ROAD CROSSES THE SLOUGH.FROM THE MIDDLE OF BRIDGE ON THE WEST SIDE.

SAMPLES COLLECTED BY THE U.S. BUREAU OF RECLAMATIOM.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052538 S4
38 13 40.0 122 01 20.1 1
HILL SL AT GRIZZLEY ISL. PD S4
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BURFC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/10/02 | 12 40 | 0003 | 8.90 | 0.62 | | 9.20 | 49 | | | | | |
| 69/11/06 | 12 32 | 0003 | 9.30 | 2.10 | | 2.20 | 81 | | | | | |
| 70/06/12 | 13 00 | 0003 | 56.00 | 9.80 | 19.00 | 46.00 | 54 | | | | | |
| 70/07/13 | 14 20 | 0003 | 8.70 | 0.74 | 2.40 | 14.00 | 39 | | | | | |
| 70/08/10 | 12 40 | 0003 | 14.00 | 1.00 | 2.50 | 11.00 | 56 | | | | | |
| 70/09/08 | 13 25 | 0003 | 5.00 | 0.59 | 1.40 | 6.70 | 43 | | | | | |
| 70/10/07 | 11 30 | 0003 | 2.20 | 0.38 | 0.62 | 6.00 | 27 | | | | | |
| 70/11/06 | 13 30 | 0003 | 1.70 | 0.33 | 0.49 | 3.40 | 33 | | | | | |
| 71/01/06 | 13 45 | 0003 | 3.420 | | | | | | | | | |
| 71/02/05 | 14 00 | 0003 | 3.120 | | | | | | | | | |
| 71/03/05 | 12 45 | 0003 | 21.00 | 4.90 | 3.20 | 9.50 | 69 | | | | | |
| 71/04/05 | 14 15 | 0003 | 49.00 | 5.10 | 10.00 | 19.00 | 71 | | | | | |
| 71/06/18 | 13 45 | 0003 | 67.00 | 6.20 | 10.00 | 23.00 | 74 | | | | | |
| 71/07/30 | 13 35 | 0003 | 34.00 | 3.60 | 10.00 | 34.00 | 50 | | | | | |
| 71/08/27 | 14 00 | 0003 | 26.00 | 5.50 | 6.80 | 24.00 | 52 | | | | | |
| 71/09/27 | 13 45 | 0003 | 8.60 | 0.41 | 2.50 | 3.20 | 72 | | | | | |
| 71/10/28 | 13 50 | 0003 | 1.80 | 0.62 | 0.79 | 5.50 | 24 | | | | | |
| 71/11/24 | 12 45 | 0003 | 3.50 | 1.10 | 1.20 | 7.20 | 32 | | | | | |
| 71/12/13 | 14 10 | 0003 | 2.40 | 1.10 | 0.84 | 7.90 | 23 | | | | | |
| 72/01/10 | 14 05 | 0003 | 2.70 | 1.00 | 1.50 | 6.90 | 27 | | | | | |
| 72/02/08 | 14 55 | 0003 | 2.90 | 1.90 | 1.30 | 12.00 | 19 | | | | | |
| 72/03/09 | 13 35 | 0003 | 22.00 | 5.80 | 3.70 | 11.00 | 65 | | | | | |
| 72/04/07 | 12 25 | 0003 | 55.00 | 7.30 | 7.10 | 16.00 | 77 | | | | | |
| 72/05/05 | 13 45 | 0003 | 26.00 | 15.00 | 0.00 | 19.00 | 58 | | | | | |
| 72/06/05 | 14 20 | 0003 | 15.00 | 2.20 | 3.80 | 16.00 | 49 | | | | | |
| 72/07/03 | 12 25 | 0003 | 32.00 | 1.60 | 3.80 | 20.00 | 61 | | | | | |
| 72/08/02 | 17 40 | 0003 | 29.00 | 2.60 | 7.90 | 13.00 | 69 | | | | | |
| 72/09/15 | 13 05 | 0003 | 25.00 | 2.30 | 6.10 | 15.00 | 61 | | | | | |
| 72/10/13 | 13 00 | 0003 | 16.00 | 1.80 | 4.70 | 9.50 | 62 | | | | | |
| 72/11/14 | 15 15 | 0003 | 3.50 | 8.50 | 0.00 | 9.50 | 26 | | | | | |
| 72/12/14 | 14 10 | 0003 | 2.60 | 0.93 | 0.60 | 5.00 | 34 | | | | | |
| 73/01/29 | 14 15 | 0003 | 5.60 | | | 4.70 | 55 | | | | | |
| 73/02/26 | 15 45 | 0003 | 3.70 | | | 3.10 | 54 | | | | | |
| 73/03/27 | 14 40 | 0003 | 4.70 | | | 4.10 | 53 | | | | | |
| 73/04/26 | 14 53 | 0003 | 130.00 | | | 29.00 | 82 | | | | | |
| 73/05/24 | 15 20 | 0003 | 210.00 | | | 85.00 | 72 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052538 S4
38 13 40.0 122 01 20.1 1
HILL SL AT GRIZZLEY ISL. RD S4
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/06/25 | 16 20 | 0003 | 110.00 | | | 70.00 | 61 | | | | | |
| 73/07/23 | 15 00 | 0003 | 29.00 | | | 28.00 | 51 | | | | | |
| 73/08/20 | 14 40 | 0003 | 57.00 | | | 23.00 | 71 | | | | | |
| 73/09/18 | 13 45 | 0003 | 69.00 | | | 27.00 | 72 | | | | | |
| 73/10/25 | 15 10 | 0003 | 53.00 | | | 25.00 | 67 | | | | | |
| 73/11/19 | 15 30 | 0003 | 4.10 | | | 11.00 | 27 | | | | | |
| 73/12/18 | 16 15 | 0003 | 3.00 | | | 8.50 | 27 | | | | | |
| 74/01/15 | 15 20 | 0003 | 1.60 | | | 6.10 | 21 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052538 S4
38 13 40.0 122 01 20.1 1
HILL SL AT GRIZZLEY ISL. RD S4
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/15 | 13 05 | 0003 | 576 | 0 | 0 | 0 | 0 | 0 | 444 | 1020 |
| 72/10/13 | 13 00 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72/12/14 | 14 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/01/29 | 14 15 | 0003 | 40 | 0 | 0 | 0 | 0 | 0 | 71 | 111 |
| 73/02/26 | 15 45 | 0003 | 81 | 40 | 81 | 10 | 0 | 0 | 141 | 353 |
| 73/03/27 | 14 40 | 0003 | 252 | 51 | 631 | 0 | 0 | 0 | 580 | 1514 |
| 73/04/26 | 14 53 | 0003 | 864 | 0 | 0 | 0 | 120 | 12 | 1668 | 2652 |
| 73/05/24 | 15 20 | 0003 | 36 | 0 | 0 | 0 | 12 | 12 | 876 | 924 |
| 73/06/25 | 16 20 | 0003 | 84 | 0 | 0 | 12 | 432 | 0 | 1740 | 2268 |
| 73/07/23 | 15 00 | 0003 | 36 | 0 | 0 | 0 | 48 | 12 | 1584 | 1680 |
| 73/08/20 | 14 40 | 0003 | 252 | 0 | 0 | 36 | 252 | 12 | 1812 | 2364 |
| 73/09/18 | 13 45 | 0003 | 0 | 0 | 0 | 0 | 84 | 0 | 3072 | 3156 |
| 73/10/25 | 15 10 | 0003 | 803 | 15 | 0 | 1030 | 0 | 15 | 5330 | 7193 |
| 73/11/19 | 15 30 | 0003 | 101 | 0 | 0 | 0 | 152 | 0 | 127 | 380 |
| 73/12/18 | 16 15 | 0003 | 127 | 0 | 25 | 0 | 0 | 0 | 227 | 379 |
| 74/01/15 | 15 20 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

STORET RETRIEVAL DATE 77/03/17

052538 S4
38 13 40.0 122 01 20.1 1
HILL SL AT GRIZZLEY ISL. RD S4
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/12 | 13 25 | 0003 | 3.6 | | | | | | | | |
| 69/04/11 | 12 30 | 0003 | 3.6 | | | | | | | | |
| 69/05/12 | 13 15 | 0003 | 4.9 | | | | | | | | |
| 69/07/08 | 13 35 | 0003 | 2.9 | | | | | | | | |
| 69/08/05 | 13 45 | 0003 | 2.6 | | | | | | | | |
| 69/09/03 | 12 50 | 0003 | 2.0 | | | | | | | | |
| 69/10/02 | 12 40 | 0003 | 1.6 | | | | | | | | |
| 69/11/06 | 12 32 | 0003 | 2.7 | | | | | | | | |
| 69/12/04 | 13 20 | 0003 | 2.0 | | | | | | | | |
| 70/01/02 | 10 10 | 0003 | 4.0 | | | | | | | | |
| 70/02/02 | 13 30 | 0003 | 2.5 | | | | | | | | |
| 70/03/05 | 13 00 | 0003 | 2.7 | | | | | | | | |
| 70/04/01 | 12 30 | 0003 | 3.7 | | | | | | | | |
| 70/05/15 | 13 30 | 0003 | 5.2 | | | | | | | | |
| 70/06/12 | 13 00 | 0003 | 4.3 | | | | | | | | |
| 70/07/13 | 14 20 | 0003 | 1.7 | | | | | | | | |
| 70/08/10 | 12 40 | 0003 | 1.5 | | | | | | | | |
| 70/09/08 | 13 25 | 0003 | 0.7 | | | | | | | | |
| 70/10/07 | 11 30 | 0003 | | 1.1 | | | | | | | |
| 70/11/06 | 13 30 | 0003 | 1.2 | | | | | | | | |
| 70/12/09 | 14 20 | 0003 | 4.0 | | | | | | | | |
| 71/01/06 | 13 45 | 0003 | 3.2 | | | | | | | | |
| 71/02/05 | 14 00 | 0003 | 4.5 | | 6.8 | 17.6 | | 21.2 | | | |
| 71/03/05 | 12 45 | 0003 | 6.8 | | | | | | | | |
| 71/04/05 | 14 15 | 0003 | 4.8J | | | | | | | | |
| 71/06/18 | 13 45 | 0003 | 5.4 | | | | | | | | |
| 71/07/30 | 13 35 | 0003 | 3.7 | | | | | | | | |
| 71/09/27 | 13 45 | 0003 | | | 2.5 | | | | | | |
| 71/10/28 | 13 50 | 0003 | 1.6 | | | | | | | | |
| 71/11/24 | 12 45 | 0003 | 3.4 | | | | | | | | |
| 71/12/13 | 14 10 | 0003 | 2.8 | | | | | | | | |
| 72/02/08 | 14 55 | 0003 | 6.6 | | 11.4 | 15.0 | 16.2L | | 16.4L | | 16.4L |
| 72/05/05 | 13 45 | 0003 | 3.2 | | | 5.9 | | | | | 7.8L |
| 72/08/02 | 17 40 | 0003 | 3.5 | | 3.8 | 8.2 | | | | | 15.4L |
| 72/11/14 | 15 15 | 0003 | 6.0 | | 7.9 | 8.4L | | | | | 8.4L |

STORET RETRIEVAL DATE 77/03/17

052539 S14
38 12 40.0 122 07 40.0 1
GREEN VALLEY AT CORDELIA ROAD
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| | RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 122 07 40 LATITUDE - 38 12 40

MONITORING STSTION FOR SUISUN MARSH RESEARCH AND TESTING PROGRAM

DESCRIPTION - LOCATED IN GREEN VALLEY CREEK.

SAMPLING POINT - IN GREEN VALLEY CREEK. WHERE CORDELIA ROAD CROSSES THE CREEK. OFF THE SOUTH SIDE OF THE BRIDGE.

ALTERNATE SITE FOR S-16.

SAMPLES COLLECTED BY U.S.BUREAU OF RECLAMATION AND D.W.R.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052539 S14
38 12 40.0 122 07 40.0 1
GREEN VALLEY AT CORDELIA ROAD
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/12 | 11 10 | 0003 | 11.40C | | | | | | | | | |
| 69/11/06 | 11 55 | 0002 | 3.10 | 0.00 | | 2.60 | 54 | | | | | |
| 69/12/04 | 11 30 | 0003 | 3.57C | | | | | | | | | |
| 70/11/06 | 10 05 | 0002 | 6.60 | 0.25 | 2.20 | 6.70 | 50 | | | | | |
| 71/01/06 | 10 40 | 0003 | 1.14C | | | | | | | | | |
| 71/02/05 | 10 30 | 0003 | 0.76C | | | | | | | | | |
| 71/03/05 | 09 50 | 0002 | 12.00 | 0.24 | 2.10 | 4.10 | 73 | | | | | |
| 71/12/13 | 11 00 | 0002 | 2.50 | 0.07 | 0.30 | 0.55 | 82 | | | | | |
| 72/01/10 | 10 40 | 0002 | 1.30 | 0.00 | 0.13 | 0.81 | 61 | | | | | |
| 72/02/08 | 10 25 | 0002 | 1.30 | 0.34 | 1.00 | 1.40 | 47 | | | | | |
| 72/10/13 | 09 30 | 0002 | 0.76 | 0.22 | 0.30 | 1.70 | 31 | | | | | |
| 72/11/14 | 11 15 | 0003 | 2.50 | 0.91 | 0.92 | 3.80 | 39 | | | | | |
| 72/12/14 | 10 45 | 0002 | 0.33 | 0.04 | 0.15 | 0.37 | 47 | | | | | |
| 73/01/29 | 11 10 | 0003 | 0.33 | | | 0.59 | 43 | | | | | |
| 73/02/26 | 12 00 | 0003 | 18.00 | | | 9.30 | 66 | | | | | |
| 73/03/27 | 11 05 | 0001 | 2.10 | | | 1.40 | 60 | | | | | |
| 73/05/24 | 11 05 | 0001 | 1.60 | | | 2.20 | 42 | | | | | |
| 73/06/25 | 12 50 | 0001 | 6.70 | | | 4.40 | 60 | | | | | |
| 73/07/23 | 11 40 | 0001 | 2.80 | | | 1.60 | 64 | | | | | |
| 73/10/25 | 12 10 | 0001 | 1.80 | | | 1.10 | 61 | | | | | |
| 73/11/19 | 12 15 | 0003 | 2.30 | | | 0.93 | 71 | | | | | |
| 73/12/18 | 09 50 | 0002 | 0.80 | | | 0.96 | 45 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052539 S14
38 12 40.0 122 07 40.0 1
GREEN VALLEY AT CORDELIA ROAD
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/10/13 | 09 30 | 0002 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 31 |
| 72/12/14 | 10 45 | 0002 | 0 | 0 | 0 | 0 | 0 | 0 | 88 | 88 |
| 73/01/29 | 11 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/26 | 12 00 | 0003 | 126 | 0 | 0 | 0 | 0 | 0 | 960 | 1086 |
| 73/11/19 | 12 15 | 0003 | 25 | 0 | 0 | 0 | 0 | 0 | 302 | 327 |
| 74/01/15 | 11 30 | 0002 | 20 | 0 | 0 | 10 | 0 | 0 | 233 | 265 |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/12 | 11 10 | 0003 | 1.5 | | | | | | | | |
| 69/11/06 | 11 55 | 0002 | 1.2 | | | | | | | | |
| 69/12/04 | 11 30 | 0003 | 1.5 | | | | | | | | |
| 70/01/02 | 09 10 | 0002 | 1.9 | | | | | | | | |
| 70/11/06 | 10 05 | 0002 | 2.5 | | | | | | | | |
| 70/12/09 | 11 15 | 0003 | 0.5 | | | | | | | | |
| 71/01/06 | 10 40 | 0003 | 0.8 | | | | | | | | |
| 71/02/05 | 10 30 | 0003 | 0.5 | | 0.8 | 1.2 | 1.3 | 1.2 | | | |
| 71/03/05 | 09 50 | 0002 | 1.9 | | 2.0 | 2.8 | 3.2 | 3.8 | | | |
| 71/12/13 | 11 00 | 0002 | 2.0 | | | | | | | | |
| 72/02/08 | 10 25 | 0002 | 1.2 | | 1.4 | 4.2 | 4.6 | | 5.4 | | 4.6 |
| 72/11/14 | 11 15 | 0003 | 2.0 | | 2.3 | 3.8 | | | | | 6.4 |

STORET RETRIEVAL DATE 77/03/17

052540 S16
38 11 30.0 122 07 10.0 3
CORDELIA SL AT UPPER END.
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 122 07 10 LATITUDE - 38 11 30

MONITORING STATION FOR SUISUN MARSH RESEARCH AND TESTING PROGRAM.

DESCRIPTION - LOCATED IN CORDELIA SLOUGH.

SAMPLING POINT - IN CORDELIA SLOUGH. 500 YARDS WEST OF FARM HOUSE OFF THE BANK ON THE NORTH SIDE OF THE CULVERT.

SAMPLES COLLECTED BY U.S.BUREAU OF RECLAMATION.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052540 S16
38 11 30.0 122 07 10.0 3
CORDELIA SL AT UPPER END.
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUPEC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/07/08 | 12 10 | 0003 | 47.880 | | | | | | | | | |
| 69/08/05 | 11 45 | 0003 | 15.960 | | | | | | | | | |
| 69/09/03 | 10 55 | 0003 | 10.640 | | | | | | | | | |
| 69/10/02 | 10 35 | 0003 | 4.410 | | | | | | | | | |
| 70/06/12 | 11 15 | 0002 | 4.30 | 0.75 | 1.70 | 9.80 | 30 | | | | | |
| 70/07/13 | 12 40 | 0002 | 2.10 | 0.45 | 0.62 | 6.60 | 24 | | | | | |
| 70/08/10 | 10 45 | 0002 | 5.20 | 0.50 | 0.52 | 6.90 | 43 | | | | | |
| 70/09/08 | 11 15 | 0003 | 3.00 | 0.19 | 0.63 | 3.50 | 46 | | | | | |
| 70/10/07 | 09 10 | 0003 | 1.70 | 0.00 | 0.26 | 2.50 | 40 | | | | | |
| 71/04/05 | 11 20 | 0003 | 6.00 | 0.00 | 12.00 | 5.20 | 53 | | | | | |
| 71/05/17 | 12 05 | 0001 | 10.00 | | | 8.00 | 56 | | | | | |
| 71/06/18 | 11 00 | 0002 | 14.00 | 1.80 | 3.10 | 13.00 | 52 | | | | | |
| 71/07/30 | 10 40 | 0003 | 9.70 | 1.20 | 2.60 | 15.00 | 38 | | | | | |
| 71/08/27 | 10 15 | 0002 | 4.10 | 1.10 | 0.55 | 9.70 | 29 | | | | | |
| 71/09/27 | 10 45 | 0003 | 1.90 | 0.34 | 1.10 | 3.10 | 37 | | | | | |
| 71/10/28 | 10 40 | 0003 | 2.00 | 0.00 | 0.27 | 3.20 | 38 | | | | | |
| 71/11/24 | 09 25 | 0003 | 5.30 | 0.60 | 0.60 | 3.50 | 60 | | | | | |
| 72/03/09 | 10 10 | 0003 | 14.00 | 1.70 | 2.80 | 6.40 | 69 | | | | | |
| 72/04/07 | 09 25 | 0003 | 5.10 | 0.76 | 1.10 | 5.50 | 48 | | | | | |
| 72/05/05 | 09 40 | 0002 | 12.00 | 1.60 | 1.60 | 10.00 | 53 | | | | | |
| 72/06/05 | 10 45 | 0002 | 17.00 | 1.00 | 2.10 | 7.40 | 69 | | | | | |
| 72/07/03 | 09 00 | 0003 | 21.00 | 1.20 | 2.60 | 11.00 | 66 | | | | | |
| 72/08/02 | 12 30 | 0002 | 12.00 | 1.40 | 3.30 | 9.00 | 57 | | | | | |
| 72/09/15 | 09 40 | 0003 | 4.40 | 0.57 | 1.20 | 5.60 | 44 | | | | | |
| 73/03/27 | 10 25 | 0003 | 2.10 | | | 1.50 | 57 | | | | | |
| 73/04/26 | 10 55 | 0001 | 120.00 | | | 14.00 | 89 | | | | | |
| 73/05/24 | 10 20 | 0002 | 27.00 | | | 15.00 | 64 | | | | | |
| 73/06/25 | 12 10 | 0002 | 66.00 | | | 28.00 | 70 | | | | | |
| 73/07/23 | 11 00 | 0003 | 40.00 | | | 17.00 | 70 | | | | | |
| 73/08/20 | 10 15 | 0002 | 43.00 | | | 17.00 | 71 | | | | | |
| 73/09/18 | 10 30 | 0002 | 9.50 | | | 9.00 | 51 | | | | | |
| 73/10/25 | 10 55 | 0001 | 7.50 | | | 5.80 | 57 | | | | | |
| 74/03/05 | 14 15 | 0003 | 5.00 | | | 2.60 | 65 | | | | | |
| 74/03/22 | 13 30 | 0003 | 4.10 | | | 5.20 | 44 | | | | | |
| 74/04/18 | 13 15 | 0003 | 8.30 | | | 4.40 | 65 | | | | | |
| 74/05/28 | 12 45 | 0003 | 34.00 | | | 15.00 | 69 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052540 S16
38 11 30.0 122 07 10.0 3
CORDELIA SL AT UPPER END.
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/07/25 | 10 05 | 0003 | 50.00 | | | 12.00 | 81 | | | | | |
| 74/08/29 | 12 30 | 0002 | 71.00 | | | 20.00 | 78 | | | | | |
| 74/10/07 | 08 25 | 0003 | 33.00 | | | 16.00 | 66 | | | | | |
| 74/10/24 | 12 00 | 0003 | 7.10 | | | 7.80 | 47 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/15 | 09 40 | 0003 | 10 | 0 | 0 | 0 | 0 | 0 | 80 | 90 |
| 73/03/27 | 10 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/04/26 | 10 55 | 0001 | 276 | 0 | 0 | 0 | 24 | 0 | 2724 | 3024 |
| 73/05/24 | 10 20 | 0002 | 0 | 0 | 0 | 12 | 24 | 0 | 696 | 732 |
| 73/06/25 | 12 10 | 0002 | 36 | 0 | 0 | 0 | 0 | 0 | 1548 | 1584 |
| 73/07/23 | 11 00 | 0003 | 12 | 0 | 0 | 0 | 72 | 0 | 1968 | 2052 |
| 73/08/20 | 10 15 | 0002 | 12 | 0 | 0 | 0 | 48 | 0 | 1188 | 1248 |
| 73/09/18 | 10 30 | 0002 | 0 | 0 | 0 | 0 | 0 | 0 | 540 | 540 |
| 73/10/25 | 10 55 | 0001 | 47 | 0 | 23 | 8 | 0 | 0 | 652 | 730 |

STORET RETRIEVAL DATE 77/03/17

052540 S16
38 11 30.0 122 07 10.0 3
CORDELIA SL AT UPPER END.
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/04/11 | 10 30 | 0003 | 1.6 | | | | | | | | |
| 69/05/12 | 11 35 | 0003 | 1.9 | | | | | | | | |
| 69/07/08 | 12 10 | 0003 | 1.6 | | | | | | | | |
| 69/08/05 | 11 45 | 0003 | 1.9 | | | | | | | | |
| 69/09/03 | 10 55 | 0003 | 1.7 | | | | | | | | |
| 69/10/02 | 10 35 | 0003 | 2.2 | | | | | | | | |
| 70/04/01 | 11 00 | 0003 | 2.3 | | | | | | | | |
| 70/05/15 | 12 10 | 0002 | 1.4 | | | | | | | | |
| 70/06/12 | 11 15 | 0002 | 1.6 | | | | | | | | |
| 70/07/13 | 12 40 | 0002 | 2.4 | | | | | | | | |
| 70/08/10 | 10 45 | 0002 | 2.5 | | | | | | | | |
| 70/09/08 | 11 15 | 0003 | 0.3 | | | | | | | | |
| 70/10/07 | 09 10 | 0003 | 1.2 | | | | | | | | |
| 71/04/05 | 11 20 | 0003 | 1.1 | | | | | | | | |
| 71/05/17 | 12 05 | 0001 | 2.5 | | | | | | | | |
| 71/06/18 | 11 00 | 0002 | 2.6 | | | | | | | | |
| 71/07/30 | 10 40 | 0003 | 2.3 | | | | | | | | |
| 71/09/27 | 10 45 | 0003 | | | 1.9 | | | | | | |
| 71/10/28 | 10 40 | 0003 | 1.3 | | | | | | | | |
| 71/11/24 | 09 25 | 0003 | 2.3 | | | | | | | | |
| 72/05/05 | 09 40 | 0002 | 1.6 | | | 3.0 | | | | | 5.9 |
| 72/08/02 | 12 30 | 0002 | 1.5 | | 1.9 | 4.7 | | | | | 7.3 |

STORET RETRIEVAL DATE 77/03/17

052541 S22
38 11 00.0 122 04 50.0 1
CHADBOURNE SL.AT CHADBOURNE.
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 122 04 50 LATITUDE - 38 11 00

MONITORING STATION FOR SUISUN MARSH RESEARCH AND TESTING PROGRAM.

DESCRIPTION - LOCATED IN CHADBOURNE SLOUGH.

SAMPLING POINT - IN CHADBOURNE SLOUGH, WHERE CHADBOURNE ROAD CROSSES THE SLOUGH. MIDDLE OF THE BRIDGE AT THE USBR STAGE RECORDER.

SAMPLES COLLECTED BY THE U.S. BUREAU OF RECLAMATION.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052541 S22
38 11 00.0 122 04 50.0 1
CHADBOURNE SL.AT CHADBOURNE.
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/07/08 | 12 50 | 0003 | 47.880 | | | | | | | | | |
| 69/08/05 | 13 00 | 0003 | 35.720 | | | | | | | | | |
| 69/09/03 | 11 50 | 0003 | 25.080 | | | | | | | | | |
| 69/10/02 | 11 35 | 0003 | 20.00 | 0.00 | 10.00 | 12.00 | 63 | | | | | |
| 69/11/06 | 12 30 | 0003 | 6.70 | 0.00 | 1.90 | 8.90 | 43 | | | | | |
| 70/06/12 | 11 50 | 0003 | 16.00 | 0.79 | 3.90 | 13.00 | 56 | | | | | |
| 70/07/13 | 13 35 | 0003 | 26.00 | 0.59 | 5.20 | 11.00 | 70 | | | | | |
| 70/08/10 | 11 30 | 0003 | 10.00 | 0.80 | 3.70 | 25.00 | 30 | | | | | |
| 70/09/08 | 12 25 | 0003 | 13.00 | 0.48 | 2.20 | 7.30 | 64 | | | | | |
| 70/10/07 | 09 50 | 0003 | 26.00 | 0.00 | 6.40 | 8.70 | 74 | | | | | |
| 70/11/06 | 10 40 | 0003 | 12.00 | 0.85 | 3.40 | 9.00 | 57 | | | | | |
| 71/01/06 | 11 10 | 0003 | 5.170 | | | | | | | | | |
| 71/02/05 | 11 20 | 0003 | 3.190 | | | | | | | | | |
| 71/03/05 | 10 15 | 0003 | 8.80 | 1.00 | 1.10 | 7.60 | 53 | | | | | |
| 71/04/05 | 11 55 | 0003 | 16.00 | 2.90 | 4.60 | 15.00 | 51 | | | | | |
| 71/05/17 | 12 50 | 0003 | 64.00 | 5.50 | 11.00 | 21.00 | 75 | | | | | |
| 71/06/18 | 11 35 | 0003 | 45.00 | 0.76 | 1.90 | 17.00 | 73 | | | | | |
| 71/07/30 | 11 20 | 0003 | 33.00 | 0.83 | 8.90 | 17.00 | 65 | | | | | |
| 71/08/27 | 11 15 | 0003 | 18.00 | 2.50 | 3.80 | 15.00 | 54 | | | | | |
| 71/09/27 | 11 15 | 0003 | 4.70 | 0.72 | 1.70 | 7.20 | 39 | | | | | |
| 71/10/28 | 11 15 | 0003 | 9.20 | 1.40 | 1.90 | 10.00 | 47 | | | | | |
| 71/11/24 | 10 10 | 0003 | 4.70 | 0.70 | 0.92 | 6.20 | 43 | | | | | |
| 71/12/13 | 11 35 | 0003 | 4.60 | 0.67 | 0.93 | 6.20 | 42 | | | | | |
| 72/01/10 | 11 15 | 0003 | 5.90 | 0.98 | 1.30 | 5.10 | 53 | | | | | |
| 72/02/08 | 11 15 | 0003 | 4.80 | 1.20 | 0.81 | 7.00 | 40 | | | | | |
| 72/03/09 | 11 00 | 0003 | 7.80 | 1.50 | 1.80 | 8.10 | 49 | | | | | |
| 72/04/07 | 10 15 | 0003 | 9.40 | 1.00 | 2.10 | 8.00 | 54 | | | | | |
| 72/05/05 | 10 30 | 0003 | 18.00 | 2.70 | 3.80 | 15.00 | 55 | | | | | |
| 72/06/05 | 11 20 | 0003 | 22.00 | 0.08 | 3.50 | 6.10 | 78 | | | | | |
| 72/07/03 | 09 50 | 0003 | 22.00 | 1.30 | 5.60 | 12.00 | 65 | | | | | |
| 72/08/02 | 13 10 | 0003 | 43.00 | 0.97 | 8.90 | 11.00 | 79 | | | | | |
| 72/09/15 | 10 30 | 0003 | 19.00 | 0.48 | 2.90 | 4.80 | 80 | | | | | |
| 72/10/13 | 09 55 | 0003 | 16.00 | 1.20 | 3.20 | 4.00 | 79 | | | | | |
| 72/11/14 | 12 30 | 0003 | 3.90 | 2.20 | 3.50 | 8.50 | 31 | | | | | |
| 72/12/14 | 11 20 | 0003 | 6.90 | 0.71 | 1.20 | 6.80 | 50 | | | | | |
| 73/01/29 | 11 50 | 0003 | 4.20 | | | 3.30 | 55 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052541 S22
38 11 00.0 122 04 50.0 1
CHADBOURNE SL.AT CHADBOURNE.
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/02/26 | 13 00 | 0003 | 4.80 | | | 2.00 | 71 | | | | | |
| 73/03/27 | 11 35 | 0003 | 8.40 | | | 3.20 | 72 | | | | | |
| 73/04/26 | 11 55 | 0003 | 79.00 | | | 20.00 | 80 | | | | | |
| 73/05/24 | 11 40 | 0003 | 53.00 | | | 20.00 | 72 | | | | | |
| 73/06/25 | 13 20 | 0003 | 35.00 | | | 17.00 | 68 | | | | | |
| 73/07/23 | 12 15 | 0003 | 30.00 | | | 10.00 | 74 | | | | | |
| 73/08/20 | 11 30 | 0003 | 15.00 | | | 8.90 | 63 | | | | | |
| 73/09/18 | 11 25 | 0003 | 8.00 | | | 9.40 | 46 | | | | | |
| 73/10/25 | 12 25 | 0003 | 27.00 | | | 17.00 | 61 | | | | | |
| 73/11/19 | 13 05 | 0003 | 12.00 | | | 9.70 | 56 | | | | | |
| 73/12/18 | 13 00 | 0003 | 7.70 | | | 7.80 | 50 | | | | | |
| 74/01/15 | 12 40 | 0003 | 7.70 | | | 5.50 | 58 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052541 S22
38 11 00.0 122 04 50.0 1
CHADBOURNE SL.AT CHADBOURNE.
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/15 | 10 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 878 | 878 |
| 72/10/13 | 09 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1019 | 1019 |
| 72/12/14 | 11 20 | 0003 | 227 | 0 | 0 | 0 | 0 | 0 | 316 | 543 |
| 73/01/29 | 11 50 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/26 | 13 00 | 0003 | 0 | 13 | 0 | 0 | 0 | 0 | 516 | 529 |
| 73/03/27 | 11 35 | 0003 | 131 | 0 | 131 | 0 | 0 | 0 | 403 | 665 |
| 73/04/26 | 11 55 | 0003 | 36 | 0 | 0 | 0 | 72 | 0 | 1752 | 1860 |
| 73/05/24 | 11 40 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 1644 | 1656 |
| 73/06/25 | 13 20 | 0003 | 72 | 0 | 0 | 0 | 24 | 0 | 900 | 996 |
| 73/07/23 | 12 15 | 0003 | 48 | 0 | 0 | 12 | 24 | 0 | 1452 | 1536 |
| 73/08/20 | 11 30 | 0003 | 84 | 0 | 0 | 0 | 168 | 0 | 576 | 828 |
| 73/09/18 | 11 25 | 0003 | 0 | 0 | 0 | 0 | 48 | 0 | 972 | 1020 |
| 73/10/25 | 12 25 | 0003 | 8 | 0 | 0 | 0 | 0 | 0 | 949 | 957 |
| 73/11/19 | 13 05 | 0003 | 76 | 0 | 328 | 152 | 0 | 0 | 592 | 1148 |
| 74/01/15 | 12 40 | 0003 | 176 | 25 | 25 | 50 | 0 | 0 | 227 | 503 |

STORET RETRIEVAL DATE 77/03/17

052541 S22
38 11 00.0 122 04 50.0 1
CHADBOURNE SL.AT CHADBOURNE.
06095 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

1138UREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/12 | 12 30 | 0003 | 1.3 | | | | | | | | |
| 69/04/11 | 11 10 | 0003 | 1.2 | | | | | | | | |
| 69/05/12 | 12 45 | 0003 | 1.6 | | | | | | | | |
| 69/07/08 | 12 50 | 0003 | 1.4 | | | | | | | | |
| 69/08/05 | 13 00 | 0003 | 0.8 | | | | | | | | |
| 69/09/03 | 11 50 | 0003 | 1.4 | | | | | | | | |
| 69/10/02 | 11 35 | 0003 | 1.3 | | | | | | | | |
| 69/11/06 | 12 30 | 0003 | 1.3 | | | | | | | | |
| 69/12/04 | 11 55 | 0002 | 0.9 | | | | | | | | |
| 70/01/02 | 09 30 | 0003 | 2.1 | | | | | | | | |
| 70/02/02 | 12 30 | 0003 | 2.4 | | | | | | | | |
| 70/03/05 | 11 30 | 0003 | 1.8 | | | | | | | | |
| 70/04/01 | 11 30 | 0003 | 3.0 | | | | | | | | |
| 70/05/15 | 12 45 | 0003 | 1.6 | | | | | | | | |
| 70/06/12 | 11 50 | 0003 | 2.3 | | | | | | | | |
| 70/07/13 | 13 35 | 0003 | 1.8 | | | | | | | | |
| 70/08/10 | 11 30 | 0003 | 1.9 | | | | | | | | |
| 70/09/08 | 12 25 | 0003 | 1.6 | | | | | | | | |
| 70/10/07 | 09 50 | 0003 | 1.5 | | | | | | | | |
| 70/11/06 | 10 40 | 0003 | 2.0 | | | | | | | | |
| 70/12/09 | 12 15 | 0003 | 3.1 | | | | | | | | |
| 71/01/06 | 11 10 | 0003 | 1.4 | | | | | | | | |
| 71/02/05 | 11 20 | 0003 | 1.2 | | 1.8 | 2.9 | 3.6 | 4.3 | | | |
| 71/03/05 | 10 15 | 0003 | 2.0 | | 9.3 | 3.8 | 5.0 | 6.2 | | | |
| 71/04/05 | 11 55 | 0003 | 1.7 | | | | | | | | |
| 71/05/17 | 12 50 | 0003 | 4.4 | | | | | | | | |
| 71/06/18 | 11 35 | 0003 | 2.2 | | | | | | | | |
| 71/07/30 | 11 20 | 0003 | 2.1 | | | | | | | | |
| 71/09/27 | 11 15 | 0003 | | | 2.0 | | | | | | |
| 71/10/28 | 11 15 | 0003 | 2.1 | | | | | | | | |
| 71/11/24 | 10 10 | 0003 | 1.7 | | | | | | | | |
| 71/12/13 | 11 15 | | | | 1.3 | | | | | | |
| | 11 35 | 0003 | 1.3 | | | | | | | | |
| 72/02/08 | 11 15 | 0003 | 2.0 | | 3.4 | 6.8 | 8.2 | | 10.0 | | 10.4 |
| 72/05/05 | 10 30 | 0003 | 2.2 | | | 3.9 | | | | | 6.9 |
| 72/08/02 | 13 10 | 0003 | 2.5 | | 3.2 | 5.7 | | | | | 10.2 |
| 72/11/14 | 12 30 | 0003 | 4.0 | | 5.0 | 7.8 | | | | | 8.6L |

STORET RETRIEVAL DATE 77/03/17

052542 S33
38 09 10.0 122 05 20.0 1
CORDELIA SLOUGH AT CYGNUS.
06095 RNIA
140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 122 05 20 LATITUDE - 38 09 10

MONITORING STATION FOR SUISUN MARSH RESEARCH AND TESTING PROGRAM.

DESCRIPTION - LOCATED IN CORDELIA SLOUGH.

SAMPLING POINT - IN CORDELIA SLOUGH, AT USBR E.C. AND STAGE RECORDERS,

250 FEET UPSTREAM FROM S.P.R.R.AT CYGNUS.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS,PESTICIDES AND HEAVY

METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY

PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052542 S33
38 09 10.0 122 05 20.0 1
CORDELIA SLOUGH AT CYGNUS.
06095 BNIA
140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/12 | 10 15 | 0003 | 9.12C | | | | | | | | | |
| 69/07/08 | 11 20 | 0003 | 43.32C | | | | | | | | | |
| 69/08/05 | 10 30 | 0003 | 41.04C | | | | | | | | | |
| 69/09/03 | 09 45 | 0003 | 26.60C | | | | | | | | | |
| 69/10/02 | 09 30 | 0003 | 28.00 | 0.00 | 13.00 | 11.00 | 73 | | | | | |
| 69/11/06 | 11 00 | 0003 | 7.60 | 0.00 | 2.50 | 12.00 | 39 | | | | | |
| 70/06/12 | 10 05 | 0003 | 20.00 | 0.00 | 5.30 | 5.40 | 79 | | | | | |
| 70/07/13 | 12 00 | 0003 | 25.00 | 0.69 | 8.20 | 12.00 | 67 | | | | | |
| 70/08/10 | 10 10 | 0003 | 23.00 | 0.00 | 5.10 | 11.00 | 69 | | | | | |
| 70/09/08 | 10 00 | 0003 | 23.00 | 0.00 | 5.40 | 8.60 | 73 | | | | | |
| 70/10/07 | 08 40 | 0003 | 36.00 | 0.00 | 8.60 | 7.70 | 83 | | | | | |
| 70/11/06 | 09 20 | 0003 | 15.00 | 0.53 | 4.20 | 12.00 | 56 | | | | | |
| 71/01/06 | 10 20 | 0003 | 4.41C | | | | | | | | | |
| 71/02/05 | 10 00 | 0003 | 2.05C | | | | | | | | | |
| 71/03/05 | 09 15 | 0003 | 7.10 | 0.53 | 0.40 | 6.90 | 50 | | | | | |
| 71/04/05 | 10 20 | 0003 | 17.00 | 1.20 | 4.40 | 11.00 | 61 | | | | | |
| 71/05/17 | 11 15 | 0002 | 60.00 | 0.20 | 13.00 | 25.00 | 70 | | | | | |
| 71/06/18 | 10 15 | 0003 | 45.00 | 4.90 | 13.00 | 31.00 | 58 | | | | | |
| 71/07/30 | 10 05 | 0003 | 38.00 | 0.00 | 13.00 | 15.00 | 71 | | | | | |
| 71/08/27 | 09 00 | 0003 | 18.00 | 0.53 | 6.10 | 12.00 | 60 | | | | | |
| 71/09/27 | 10 00 | 0003 | 22.00 | 1.10 | 7.30 | 13.00 | 62 | | | | | |
| 71/10/28 | 10 05 | 0003 | 11.00 | 1.20 | 3.40 | 13.00 | 45 | | | | | |
| 71/11/24 | 08 45 | 0003 | 6.00 | 0.43 | 1.00 | 4.50 | 57 | | | | | |
| 71/12/13 | 10 25 | 0003 | 5.80 | 0.96 | 0.99 | 9.00 | 39 | | | | | |
| 72/01/10 | 10 10 | 0003 | 7.70 | 0.84 | 1.80 | 6.20 | 55 | | | | | |
| 72/02/08 | 09 30 | 0003 | 17.00 | 2.00 | 2.10 | 6.10 | 73 | | | | | |
| 72/03/09 | 09 30 | 0003 | 7.00 | 0.75 | 1.20 | 3.80 | 65 | | | | | |
| 72/04/07 | 08 30 | 0003 | 5.20 | 0.47 | 1.60 | 5.60 | 48 | | | | | |
| 72/05/05 | 08 40 | 0003 | 34.00 | 0.59 | 7.40 | 11.00 | 76 | | | | | |
| 72/06/05 | 09 50 | 0003 | 34.00 | 0.00 | 6.70 | 9.20 | 78 | | | | | |
| 72/07/03 | 08 00 | 0003 | 14.00 | 0.75 | 1.10 | 8.10 | 63 | | | | | |
| 72/08/02 | 10 30 | 0003 | 27.00 | 0.86 | 8.00 | 9.30 | 74 | | | | | |
| 72/09/15 | 08 55 | 0003 | 19.00 | 0.24 | 4.60 | 6.10 | 76 | | | | | |
| 72/10/13 | 08 50 | 0003 | 15.00 | 0.36 | 3.80 | 4.30 | 78 | | | | | |
| 72/11/14 | 09 40 | 0003 | 15.00 | 1.60 | 3.90 | 10.00 | 60 | | | | | |
| 72/12/14 | 09 35 | 0003 | 3.70 | 0.75 | 1.30 | 5.20 | 41 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052542 S33
38 09 10.0 122 05 20.0 1
CORDELIA SLOUGH AT CYGNUS.
06095 RNTA
140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/01/29 | 10 10 | 0003 | 4.70 | | | 4.80 | 50 | | | | | |
| 73/02/26 | 10 45 | 0003 | 3.80 | | | 4.30 | 46 | | | | | |
| 73/03/27 | 09 20 | 0003 | 9.90 | | | 5.40 | 65 | | | | | |
| 73/04/26 | 09 05 | 0003 | 60.00 | | | 13.00 | 82 | | | | | |
| 73/05/24 | 09 20 | 0003 | 43.00 | | | 13.00 | 76 | | | | | |
| 73/06/25 | 11 25 | 0003 | 50.00 | | | 23.00 | 68 | | | | | |
| 73/07/23 | 09 40 | 0003 | 33.00 | | | 12.00 | 73 | | | | | |
| 73/08/20 | 08 45 | 0003 | 28.00 | | | 16.00 | 64 | | | | | |
| 73/09/18 | 09 40 | 0003 | 44.00 | | | 16.00 | 73 | | | | | |
| 73/10/25 | 09 50 | 0003 | 31.00 | | | 17.00 | 64 | | | | | |
| 73/11/19 | 10 45 | 0003 | 13.00 | | | 11.00 | 56 | | | | | |
| 73/12/18 | 11 05 | 0003 | 3.30 | | | 5.80 | 36 | | | | | |
| 74/01/15 | 10 30 | 0003 | 7.40 | | | 5.10 | 59 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052542 S33
38 09 10.0 122 05 20.0 1
CORDELIA SLOUGH AT CYGNUS.
06095 BNTA
140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/15 | 08 55 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2474 | 2474 |
| 72/10/13 | 08 50 | 0003 | 60 | 0 | 0 | 0 | 0 | 0 | 510 | 570 |
| 72/12/14 | 09 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 106 | 106 |
| 73/01/29 | 10 10 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/26 | 10 45 | 0003 | 5 | 0 | 0 | 0 | 0 | 0 | 80 | 85 |
| 73/03/27 | 09 20 | 0003 | 606 | 50 | 76 | 0 | 0 | 0 | 278 | 1010 |
| 73/04/26 | 09 05 | 0003 | 0 | 0 | 0 | 0 | 12 | 0 | 1692 | 1704 |
| 73/05/24 | 09 20 | 0003 | 24 | 0 | 0 | 0 | 48 | 0 | 2160 | 2232 |
| 73/06/25 | 11 25 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 1620 | 1632 |
| 73/07/23 | 09 40 | 0003 | 24 | 0 | 0 | 0 | 36 | 0 | 1332 | 1392 |
| 73/08/20 | 08 45 | 0003 | 12 | 0 | 0 | 0 | 84 | 0 | 1572 | 1668 |
| 73/09/18 | 09 40 | 0003 | 36 | 0 | 0 | 0 | 96 | 0 | 2556 | 2688 |
| 73/11/19 | 10 45 | 0003 | 50 | 0 | 76 | 25 | 126 | 0 | 279 | 556 |
| 74/01/15 | 10 30 | 0003 | 50 | 0 | 76 | 0 | 0 | 0 | 25 | 151 |

STORET RETRIEVAL DATE 77/03/17

052542 S33
38 09 10.0 122 05 20.0 1
CORDELTA SLOUGH AT CYGNUS.
06095 RNTA
140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/12 | 10 15 | 0003 | 3.6 | | | | | | | | |
| 69/04/11 | 09 45 | 0003 | 4.2 | | | | | | | | |
| 69/05/12 | 10 35 | 0003 | 2.8 | | | | | | | | |
| 69/07/08 | 11 20 | 0003 | 2.1 | | | | | | | | |
| 69/08/05 | 10 30 | 0003 | 1.9 | | | | | | | | |
| 69/09/03 | 09 45 | 0003 | 1.6 | | | | | | | | |
| 69/10/02 | 09 30 | 0003 | 1.5 | | | | | | | | |
| 69/11/06 | 11 00 | 0003 | 1.9 | | | | | | | | |
| 69/12/04 | 10 30 | 0003 | 1.2 | | | | | | | | |
| 70/01/02 | 08 45 | 0003 | 1.7 | | | | | | | | |
| 70/02/02 | 10 35 | 0003 | 1.9 | | | | | | | | |
| 70/03/05 | 10 35 | 0003 | 1.4 | | | | | | | | |
| 70/04/01 | 10 20 | 0003 | 1.3 | | | | | | | | |
| 70/05/15 | 11 30 | 0003 | 1.4 | | | | | | | | |
| 70/06/12 | 10 05 | 0003 | 1.6 | | | | | | | | |
| 70/07/13 | 12 00 | 0003 | 1.2 | | | | | | | | |
| 70/08/10 | 10 10 | 0003 | 1.0 | | | | | | | | |
| 70/09/08 | 10 00 | 0003 | 1.3 | | | | | | | | |
| 70/10/07 | 08 40 | 0003 | 1.9 | | | | | | | | |
| 70/11/06 | 09 20 | 0003 | 1.4 | | | | | | | | |
| 70/12/09 | 10 40 | 0003 | 2.7 | | | | | | | | |
| 71/01/06 | 10 20 | 0003 | 1.8 | | | | | | | | |
| 71/02/05 | 10 00 | 0003 | 1.1 | | 1.6 | 2.4 | 3.3 | 3.6 | | | |
| 71/03/05 | 09 15 | 0003 | 1.4 | | 1.8 | 2.9 | 3.3 | 3.4 | | | |
| 71/04/05 | 10 20 | 0003 | 1.8J | | | | | | | | |
| 71/05/17 | 11 15 | 0002 | 2.9 | | | | | | | | |
| 71/06/18 | 10 15 | 0003 | 2.8 | | | | | | | | |
| 71/07/30 | 10 05 | 0003 | 2.0 | | | | | | | | |
| 71/09/27 | 10 00 | 0003 | | | 1.9 | | | | | | |
| 71/10/28 | 10 05 | 0003 | 3.0 | | | | | | | | |
| 71/11/24 | 08 45 | 0003 | 1.3 | | | | | | | | |
| 71/12/13 | 10 25 | 0003 | | | 1.5 | | | | | | |
| 72/02/08 | 09 30 | 0003 | 2.6 | | 3.2 | 7.8 | 8.8 | | 9.4 | | 11.6 |
| 72/05/05 | 08 40 | 0003 | 1.3 | | | 3.2 | | | | | 5.0 |
| 72/08/02 | 10 30 | 0003 | 1.8 | | 2.2 | 4.2 | | | | | 7.9 |
| 72/11/14 | 09 40 | 0003 | 3.4 | | 4.2 | 7.7L | | | | | 8.0L |

STORET RETRIEVAL DATE 77/03/17

052543 S42
38 10 50.0 122 02 40.0 3
SUISUN SLOUGH AT JOICE ISLAND
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 122 02 40 LATITUDE - 38 10 50

MONITORING STATION FOR SUISUN MARSH RESEARCH AND TESTING PROGRAM.

DESCRIPTION - LOCATED IN SUISUN SLOUGH. AT U.S.NAVY TRAINING BASE.

SAMPLING POINT IN SUISUN SLOUGH AT USBR F.C. AND STAGE RECORDER.100

YARDS DOWN STREAM FROM CONFLUENCE WITH VOLANTI SLOUGH

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY

METALS. USBR FOR NUTRIENTS AND ALL OTHER ANALYSIS. FOR LABORATORY

PERFORMING ANALYSIS PRIOR TO 1973 SEE USBR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052543 S42
38 10 50.0 122 02 40.0 3
SUISUN SLOUGH AT JOICE ISLAND
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMRNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/09/30 | 12 20 | 0003 | 29.640 | | | | | | | | | |
| 69/08/05 | 15 00 | 0002 | 44.080 | | | | | | | | | |
| 69/09/03 | 14 05 | 0003 | 28.120 | | | | | | | | | |
| 69/10/02 | 13 55 | 0003 | 20.00 | 0.00 | 9.60 | 9.10 | 69 | | | | | |
| 69/11/06 | 11 24 | 0003 | 5.80 | 0.00 | 2.50 | 10.00 | 36 | | | | | |
| 70/06/12 | 14 00 | 0002 | 23.00 | 1.60 | 5.40 | 18.00 | 56 | | | | | |
| 70/07/13 | 15 40 | 0002 | 22.00 | 0.91 | 4.90 | 9.30 | 70 | | | | | |
| 70/08/10 | 14 00 | 0002 | 18.00 | 0.02 | 2.60 | 11.00 | 60 | | | | | |
| 70/09/08 | 14 55 | 0003 | 21.00 | 0.00 | 4.40 | 12.00 | 63 | | | | | |
| 70/10/07 | 10 40 | 0003 | 26.00 | 0.00 | 7.00 | 9.10 | 74 | | | | | |
| 70/11/06 | 12 15 | 0003 | 11.00 | 0.68 | 2.60 | 7.50 | 59 | | | | | |
| 71/01/06 | 12 45 | 0003 | 5.850 | | | | | | | | | |
| 71/02/05 | 12 55 | 0003 | 2.130 | | | | | | | | | |
| 71/03/05 | 11 15 | 0002 | 8.50 | 0.92 | 0.46 | 7.80 | 52 | | | | | |
| 71/04/05 | 13 05 | 0003 | 9.80 | 0.83 | 1.10 | 7.60 | 56 | | | | | |
| 71/05/17 | 14 05 | 0003 | 56.00 | 3.00 | 13.00 | 17.00 | 76 | | | | | |
| 71/06/18 | 12 40 | 0003 | 48.00 | 2.50 | 12.00 | 27.00 | 64 | | | | | |
| 71/07/30 | 12 30 | 0003 | 41.00 | 0.68 | 15.00 | 27.00 | 59 | | | | | |
| 71/08/27 | 12 40 | 0002 | 20.00 | 2.90 | 4.50 | 16.00 | 54 | | | | | |
| 71/09/27 | 12 50 | 0003 | 22.00 | 1.70 | 7.60 | 16.00 | 57 | | | | | |
| 71/10/28 | 12 20 | 0003 | 11.00 | 1.60 | 3.30 | 18.00 | 38 | | | | | |
| 71/11/24 | 11 10 | 0002 | 5.00 | 0.69 | 1.20 | 6.30 | 44 | | | | | |
| 71/12/13 | 13 00 | 0003 | 4.30 | 0.80 | 0.76 | 6.60 | 39 | | | | | |
| 72/01/10 | 12 30 | 0003 | 7.10 | 1.70 | 1.80 | 12.00 | 36 | | | | | |
| 72/02/08 | 13 00 | 0002 | 4.20 | 1.60 | 0.00 | 11.00 | 26 | | | | | |
| 72/03/09 | 12 05 | 0003 | 8.70 | 2.10 | 1.80 | 5.80 | 60 | | | | | |
| 72/04/07 | 11 15 | 0001 | 11.00 | 1.20 | 2.70 | 8.30 | 56 | | | | | |
| 72/05/05 | 12 10 | 0001 | 17.00 | 1.50 | 2.60 | 13.00 | 56 | | | | | |
| 72/06/05 | 12 40 | 0001 | 17.00 | 0.57 | 2.50 | 9.10 | 65 | | | | | |
| 72/07/03 | 10 55 | 0002 | 20.00 | 0.91 | 1.20 | 7.20 | 73 | | | | | |
| 72/08/02 | 15 15 | 0002 | 19.00 | 1.60 | 4.70 | 15.00 | 56 | | | | | |
| 72/09/15 | 11 25 | 0003 | 20.00 | 0.27 | 2.00 | 4.10 | 82 | | | | | |
| 72/10/13 | 11 25 | 0003 | 20.00 | 1.30 | 3.80 | 7.00 | 73 | | | | | |
| 72/11/14 | 13 30 | 0003 | 13.00 | 0.97 | 4.30 | 13.00 | 50 | | | | | |
| 72/12/14 | 12 45 | 0002 | 6.40 | 0.75 | 1.10 | 7.00 | 47 | | | | | |
| 73/02/13 | 10 40 | 0003 | 3.40 | | | 4.80 | 41 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052543 S42
38 10 50.0 122 02 40.0 3
SUISUN SLOUGH AT JOICE ISLAND
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUPEC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/02/26 | 14 15 | 0003 | 4.80 | | | 9.60 | 34 | | | | | |
| 73/03/27 | 13 05 | 0003 | 7.20 | | | 3.30 | 69 | | | | | |
| 73/04/12 | 09 50 | 0003 | 20.00 | | | 11.00 | 64 | 2.17M | 0.63 | 1.34 | 2.79 | 0.33 |
| 73/04/26 | 08 50 | 0003 | 48.00 | | | 15.00 | 76 | | | | | |
| | 08 51 | 0015 | 41.00 | | | 17.00 | 71 | | | | | |
| | 08 52 | 0025 | 45.00 | | | 18.00 | 71 | | | | | |
| | 08 53 | 0030 | 44.00 | | | 18.00 | 71 | | | | | |
| | 13 10 | 0003 | 60.00 | | | 18.00 | 76 | | | | | |
| 73/05/10 | 08 45 | 0003 | 31.00 | | | 25.00 | 56 | 0.70M | 3.49 | 3.11 | 4.20 | 0.49 |
| 73/05/24 | 13 40 | 0003 | 110.00 | | | 42.00 | 73 | | | | | |
| 73/06/13 | 12 30 | 0003 | 53.00 | | | 31.00 | 63 | 2.80M | 2.72 | 5.15 | 5.52 | 0.65 |
| 73/06/21 | 10 00 | 0003 | 75.00 | | | 42.00 | 64 | | | | | |
| | 12 30 | 0003 | 85.00 | | | 37.00 | 69 | | | | | |
| | 16 00 | 0003 | 62.00 | | | 29.00 | 68 | | | | | |
| 73/06/25 | 14 55 | 0003 | 47.00 | | | 29.00 | 62 | | | | | |
| 73/07/23 | 13 45 | 0003 | 64.00 | | | 19.00 | 77 | | | | | |
| 73/08/08 | 10 30 | 0003 | 38.00 | | | 18.00 | 68 | 4.98M | 1.94 | 2.39 | 6.92 | 0.81 |
| | 10 31 | 0030 | 40.00 | | | 23.00 | 63 | | | | | |
| 73/08/20 | 13 00 | 0003 | 39.00 | | | 14.00 | 73 | | | | | |
| 73/09/06 | 11 40 | 0003 | 25.00 | | | 12.00 | 67 | 1.34 | 5.03 | 2.86 | 3.68 | 0.43 |
| 73/09/18 | 12 35 | 0003 | 41.00 | | | 17.00 | 70 | | | | | |
| 73/10/04 | 10 00 | 0003 | 21.00 | | | 8.60 | 72 | | | | | |
| 73/10/25 | 13 45 | 0003 | 25.00 | | | 16.00 | 61 | | | | | |
| 73/11/19 | 14 05 | 0003 | 12.00 | | | 14.00 | 45 | | | | | |
| 73/12/06 | 10 20 | 0003 | 4.30 | | | 6.60 | 40 | | | | | |
| 73/12/18 | 14 45 | 0003 | 5.80 | | | 10.00 | 36 | | | | | |
| 74/01/15 | 13 50 | 0003 | 8.30 | | | 10.00 | 45 | | | | | |
| 74/02/14 | 09 05 | 0003 | 4.60 | | | 6.20 | 42 | | | | | |
| 74/03/22 | 16 15 | 0003 | 7.40 | | | 7.80 | 49 | | | | | |
| 74/05/14 | 09 40 | 0003 | 30.00 | | | 15.00 | 66 | | | | | |
| 74/06/28 | 10 45 | 0003 | 55.00 | | | 22.00 | 71 | | | | | |
| 74/07/25 | 08 57 | 0003 | 40.00 | | | 17.00 | 70 | | | | | |
| 74/08/29 | 14 35 | 0003 | 26.00 | | | 12.00 | 67 | | | | | |
| 74/10/07 | 10 40 | 0003 | 14.00 | | | 12.00 | 54 | | | | | |
| 74/10/24 | 10 40 | 0003 | 10.00 | | | 10.00 | 50 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052543 S42
38 10 50.0 122 02 40.0 3
SUISUN SLOUGH AT JOICE ISLAND
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/15 | 11 25 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2838 | 2838 |
| 72/10/13 | 11 25 | 0003 | 81 | 0 | 0 | 0 | 0 | 0 | 909 | 990 |
| 72/12/14 | 12 45 | 0002 | 0 | 0 | 0 | 51 | 0 | 0 | 277 | 328 |
| 73/02/13 | 10 40 | 0003 | 17 | 0 | 17 | 0 | 0 | 0 | 100 | 134 |
| 73/02/26 | 14 15 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 454 | 454 |
| 73/03/27 | 13 05 | 0003 | 132 | 0 | 20 | 0 | 0 | 0 | 181 | 333 |
| 73/04/12 | 09 50 | 0003 | 151 | 0 | 455 | 25 | 0 | 0 | 1692 | 2323 |
| 73/04/26 | 13 10 | 0003 | 36 | 0 | 0 | 0 | 36 | 0 | 1272 | 1344 |
| 73/05/10 | 08 45 | 0003 | 72 | 0 | 0 | 0 | 48 | 0 | 1512 | 1632 |
| 73/05/24 | 13 40 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 1608 | 1608 |
| 73/06/13 | 12 30 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 2208 | 2208 |
| 73/06/25 | 14 55 | 0003 | 12 | 0 | 0 | 0 | 0 | 0 | 1080 | 1092 |
| 73/07/23 | 13 45 | 0003 | 84 | 0 | 12 | 0 | 12 | 0 | 2484 | 2592 |
| 73/08/08 | 10 30 | 0003 | 24 | 0 | 0 | 0 | 60 | 0 | 1752 | 1836 |
| 73/08/20 | 13 00 | 0003 | 36 | 0 | 0 | 0 | 96 | 0 | 2124 | 2256 |
| 73/09/06 | 11 40 | 0003 | 120 | 0 | 0 | 0 | 36 | 0 | 1788 | 1944 |
| 73/09/18 | 12 35 | 0003 | 12 | 0 | 0 | 0 | 72 | 12 | 1508 | 1604 |
| 73/10/25 | 13 45 | 0003 | 15 | 15 | 30 | 30 | 0 | 0 | 2424 | 2514 |
| 73/11/19 | 14 05 | 0003 | 75 | 0 | 126 | 0 | 0 | 0 | 201 | 402 |
| 73/12/18 | 14 45 | 0003 | 25 | 0 | 0 | 0 | 25 | 0 | 25 | 75 |
| 74/01/15 | 13 50 | 0003 | 75 | 0 | 50 | 25 | 0 | 0 | 152 | 302 |
| 74/02/14 | 09 05 | 0003 | 0 | 0 | 0 | 25 | 0 | 0 | 202 | 227 |

STORET RETRIEVAL DATE 77/03/17

052543 S42
38 10 50.0 122 02 40.0 3
SUISUN SLOUGH AT JOICE ISLAND
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49001 NEOMYSIS SPP. NO/LITER | 60850 ROTIFERS TOTAL /LITER | 71291 0 CLAD-OCERA NO/LITER | 71296 SUBCLASS COPEPODA NO/LITER |
|---|---|---|---|---|---|---|
| 74/03/15 | | | 0.0432 | 106.00 | 0.00 | 69.74 |
| 74/04/02 | | | 0.1476 | 28.23 | 0.19 | 52.07 |
| 74/04/17 | | | 0.0364 | 160.80 | 0.00 | 65.75 |
| 74/05/14 | | | 0.4847 | 233.90 | 0.62 | 111.40 |
| 74/05/29 | | | 0.3646 | 434.10 | 0.00 | 93.79 |
| 74/06/18 | | | 0.2078 | 1285.00 | 0.00 | 61.45 |
| 74/06/28 | | | 0.2204 | 353.80 | 0.00 | 92.98 |
| 74/07/11 | | | 0.2544 | 20.44 | 0.00 | 92.77 |
| 74/07/25 | | | 0.5859 | 69.84 | 0.00 | 114.40 |
| 74/08/12 | | | 0.3484 | 130.20 | 0.00 | 70.11 |
| 74/08/26 | | | 0.1915 | 87.63 | 0.00 | 54.92 |
| 74/09/13 | | | 0.1872 | 48.07 | 0.00 | 76.52 |
| 74/09/24 | | | 0.0765 | 38.89 | 0.00 | 39.71 |
| 74/10/08 | | | 0.0588 | 26.92 | 0.00 | 54.43 |
| 74/10/23 | | | 0.0689 | 40.88 | 0.00 | 97.79 |
| 74/11/20 | | | 0.0479 | 14.29 | 0.00 | 75.64 |

STORET RETRIEVAL DATE 77/03/17

052543 S42
38 10 50.0 122 02 40.0 3
SUISUN SLOUGH AT JOICE ISLAND
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/04/24 | 13 30 | 0002 | 2.8 | | | | | | | | |
| 69/05/12 | 14 30 | 0003 | 2.0 | | | | | | | | |
| 69/08/05 | 15 00 | 0002 | 2.3 | | | | | | | | |
| 69/09/03 | 14 05 | 0003 | 2.0 | | | | | | | | |
| 69/10/02 | 13 55 | 0003 | 1.5 | | | | | | | | |
| 69/11/06 | 11 24 | 0003 | 1.8 | | | | | | | | |
| 69/12/04 | 14 20 | 0003 | 1.3 | | | | | | | | |
| 70/01/02 | 11 30 | 0003 | 2.2 | | | | | | | | |
| 70/02/02 | 14 30 | 0002 | 1.9 | | | | | | | | |
| 70/04/01 | 13 40 | 0002 | 2.5 | | | | | | | | |
| 70/05/15 | 15 30 | 0001 | 2.8 | | | | | | | | |
| 70/06/12 | 14 00 | 0002 | 2.8 | | | | | | | | |
| 70/07/13 | 15 40 | 0002 | 2.1 | | | | | | | | |
| 70/08/10 | 14 00 | 0002 | 1.8 | | | | | | | | |
| 70/09/08 | 14 55 | 0003 | 1.3 | | | | | | | | |
| 70/10/07 | 10 40 | 0003 | 1.6 | 1.6 | | | | | | | |
| 70/11/06 | 12 15 | 0003 | 1.4 | | | | | | | | |
| 70/12/09 | 13 05 | 0003 | 2.5 | | | | | | | | |
| 71/01/06 | 12 45 | 0003 | 1.5 | | | | | | | | |
| 71/02/05 | 12 55 | 0003 | 1.3 | | 1.8 | 3.1 | 3.9 | 4.1 | | | |
| 71/03/05 | 11 15 | 0002 | 1.7 | | 2.4 | 3.7 | 4.9 | 5.6 | | | |
| 71/04/05 | 13 05 | 0003 | 2.3J | | | | | | | | |
| 71/05/17 | 14 05 | 0003 | 2.8 | | | | | | | | |
| 71/06/18 | 12 40 | 0003 | 3.1 | | | | | | | | |
| 71/07/30 | 12 30 | 0003 | 2.2 | | | | | | | | |
| 71/09/27 | 12 50 | 0003 | | | 2.6 | | | | | | |
| 71/10/28 | 12 20 | 0003 | 2.2 | | | | | | | | |
| 71/11/24 | 11 10 | 0002 | 1.6 | | | | | | | | |
| 71/12/13 | 13 00 | 0003 | 1.4 | | | | | | | | |
| 72/02/08 | 13 00 | 0002 | 2.2 | | 3.0 | 3.5 | 8.4 | | 9.0 | | 11.0 |
| 72/05/05 | 12 10 | 0001 | 1.6 | | | 2.9 | | | | | 6.0 |
| 72/08/02 | 15 15 | 0002 | 3.0 | | 3.6 | 6.1 | | | | | 13.2 |
| 72/11/14 | 13 30 | 0003 | 2.4 | | 3.0 | 5.8 | | | | | 8.4L |
| 73/04/12 | 09 50 | 0003 | 2.6 | | | | | | | | |
| 73/05/10 | 08 45 | 0003 | 2.2 | | | | | | | | |
| 73/06/13 | 12 30 | 0003 | 3.0 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/17

052543 S42
38 10 50.0 122 02 40.0 3
SUISUN SLOUGH AT JOICE ISLAND
06 CALIFORNIA
SUISUN MARSH 140391

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/08/08 | 10 30 | 0003 | 2.2 | | | | | | | | |
| 73/09/06 | 11 40 | 0003 | 1.6 | | | | | | | | |
| 73/10/04 | 10 00 | 0003 | 1.7 | | | | | | | | |
| 73/12/06 | 10 20 | 0003 | 1.5 | | | | | | | | |
| 74/01/15 | 13 50 | 0003 | 3.0 | | | | | | | | |
| 74/02/14 | 09 05 | 0003 | 2.0 | | | | | | | | |
| 74/07/25 | 08 57 | 0003 | 3.6 | | | | | | | | |
| 74/10/24 | 10 40 | 0003 | 1.9 | | | | | | | | |

STORET RETRIEVAL DATE 77/03/17

052544 S49
38 11 10.0 121 58 30.0 1
MONTEZUMA SL. AT GRIZZLEY ISL RD
06095 CALIFORNIA
SUISUN MARSH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| | RIVER SYSTEM | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INDEX | | | 06 | | | | | | | | | |
| MILES | . | . | . | . | . | . | . | . | . | . | . | . |

DESCRIPTION

LONGITUDE - 121 58 30 LATITUDE - 38 11 10

MONITORING STATION FOR SUISUN MARSH RESEARCH AND TESTING PROGRAM.

DESCRIPTION - IN MONTEZUMA SLOUGH. WHERE GRIZZLY ISLAND ROAD CROSSES THE SLOUGH.

SAMPLING POINT - IN MONTEZUMA SLOUGH. WHERE GRIZZLY ISLAND ROAD CROSSES THE SLOUGH. 100 FEET FROM THE NORTH SHORE OFF BRIDGE.

SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

ANALYSIS MADE BY BRYTE LAB FOR COMMON CHEMICALS.PESTICIDES AND HEAVY METALS. USBR FOR NUTRIENTS AND ALL OTHERS ANALYSIS. FOR LABORATORY PERFORMING ANALYSIS PRIOR TO 1973 SEE USR DATA APPENDIX.

STORET RETRIEVAL DATE 77/03/17

052544 S49
38 11 10.0 121 58 30.0 1
MONTEZUMA SL. AT GRIZZLEY ISL RD
06095 CALIFORNIA
SUISUN MARSH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/12 | 14 20 | 0003 | 6.46C | | | | | | | | | |
| 69/07/08 | 14 10 | 0003 | 32.68C | | | | | | | | | |
| 69/08/05 | 14 20 | 0003 | 29.64C | | | | | | | | | |
| 69/09/03 | 13 30 | 0003 | 18.24C | | | | | | | | | |
| 69/10/02 | 13 10 | 0003 | 17.00 | 0.70 | 8.80 | 9.30 | 64 | | | | | |
| 69/11/06 | 14 20 | 0003 | 4.90 | 0.00 | 1.90 | 9.40 | 34 | | | | | |
| 70/06/12 | 13 30 | 0003 | 10.64C | 0.35 | 2.50 | 8.30 | 51 | | | | | |
| 70/07/13 | 14 50 | 0003 | 17.00 | 0.80 | 4.10 | 10.00 | 63 | | | | | |
| 70/08/10 | 13 20 | 0003 | 11.00 | 0.39 | 2.10 | 5.80 | 69 | | | | | |
| 70/09/08 | 14 20 | 0003 | 12.00 | 0.00 | 2.40 | 4.10 | 76 | | | | | |
| 70/10/07 | 11 10 | 0003 | 28.00 | 0.00 | 6.70 | 8.20 | 77 | | | | | |
| 70/11/06 | 13 00 | 0003 | 17.00 | 0.68 | 4.70 | 10.00 | 63 | | | | | |
| 71/01/06 | 13 20 | 0003 | 5.09C | | | | | | | | | |
| 71/02/05 | 13 40 | 0003 | 2.20C | | | | | | | | | |
| 71/03/05 | 12 20 | 0003 | 8.30 | 0.97 | 0.83 | 7.00 | 54 | | | | | |
| 71/04/05 | 13 45 | 0003 | 22.00 | 1.90 | 5.90 | 10.00 | 67 | | | | | |
| 71/05/17 | 14 50 | 0003 | 40.00 | 0.12 | 8.00 | 14.00 | 74 | | | | | |
| 71/06/18 | 13 20 | 0003 | 36.00 | 2.30 | 7.90 | 17.00 | 68 | | | | | |
| 71/07/30 | 13 10 | 0003 | 29.00 | 0.43 | 7.60 | 17.00 | 62 | | | | | |
| 71/08/27 | 13 30 | 0003 | 17.00 | 4.70 | 2.70 | 12.00 | 59 | | | | | |
| 71/09/27 | 13 20 | 0003 | 13.00 | 2.60 | 3.90 | 11.00 | 52 | | | | | |
| 71/10/28 | 13 15 | 0003 | 7.20 | 2.00 | 2.00 | 13.00 | 35 | | | | | |
| 71/11/24 | 12 00 | 0003 | 6.30 | 0.67 | 1.50 | 7.10 | 47 | | | | | |
| 71/12/13 | 13 45 | 0003 | 3.70 | 0.80 | 1.10 | 7.10 | 34 | | | | | |
| 72/01/10 | 13 40 | 0003 | 4.50 | 1.00 | 1.20 | 5.70 | 44 | | | | | |
| 72/02/08 | 14 05 | 0003 | 2.90 | 1.20 | 0.56 | 8.60 | 24 | | | | | |
| 72/03/09 | 13 05 | 0003 | 5.90 | 1.50 | 1.80 | 7.80 | 43 | | | | | |
| 72/04/07 | 11 55 | 0003 | 6.60 | 0.97 | 1.90 | 8.30 | 44 | | | | | |
| 72/05/05 | 13 00 | 0003 | 12.00 | 2.40 | 1.90 | 9.30 | 57 | | | | | |
| 72/06/05 | 13 45 | 0003 | 14.00 | 0.33 | 0.73 | 8.40 | 61 | | | | | |
| 72/07/03 | 12 00 | 0003 | 18.00 | 1.50 | 5.70 | 6.30 | 74 | | | | | |
| 72/08/02 | 17 00 | 0003 | 17.00 | 0.83 | 4.40 | 4.10 | 80 | | | | | |
| 72/09/15 | 12 40 | 0003 | 42.00 | 4.10 | 4.90 | 18.00 | 69 | | | | | |
| 72/10/13 | 12 30 | 0003 | 13.00 | 0.16 | 2.50 | 4.60 | 73 | | | | | |
| 72/11/14 | 14 35 | 0003 | 20.00 | 0.71 | 4.40 | 8.70 | 69 | | | | | |
| 72/12/14 | 13 30 | 0003 | 8.00 | 1.50 | 1.70 | 8.60 | 48 | | | | | |

STORET RETRIEVAL DATE 77/03/17

052544 S49
38 11 10.0 121 58 30.0 1
MONTEZUMA SL. AT GRIZZLEY ISL RD
06095 CALIFORNIA
SUISUN MARSH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73/01/29 | 13 35 | 0003 | 4.80 | | | 3.20 | 60 | | | | | |
| 73/02/26 | 15 20 | 0003 | 2.90 | | | 2.60 | 53 | | | | | |
| 73/03/27 | 14 05 | 0003 | 6.70 | | | 2.50 | 72 | | | | | |
| 73/04/26 | 14 05 | 0003 | 56.00 | | | 18.00 | 75 | | | | | |
| 73/05/24 | 14 40 | 0003 | 26.00 | | | 22.00 | 54 | | | | | |
| 73/06/25 | 15 43 | 0003 | 31.00 | | | 24.00 | 56 | | | | | |
| 73/07/23 | 14 30 | 0003 | 46.00 | | | 11.00 | 81 | | | | | |
| 73/08/20 | 13 50 | 0003 | 21.00 | | | 6.20 | 77 | | | | | |
| 73/09/18 | 13 15 | 0003 | 26.00 | | | 10.00 | 71 | | | | | |
| 73/10/25 | 14 40 | 0003 | 23.00 | | | 11.00 | 66 | | | | | |
| 73/11/19 | 14 55 | 0003 | 6.90 | | | 8.60 | 45 | | | | | |
| 73/12/18 | 15 35 | 0003 | 2.50 | | | 4.70 | 35 | | | | | |
| 74/01/15 | 14 40 | 0003 | 3.20 | | | 3.50 | 48 | | | | | |

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 49004 ALGAE GREEN ORG/ML | 60300 ALGAE FLAG-GRN /ML | 49006 ALGAE YELO-GRN ORG/ML | 49005 ALGAE BLUE-GRN ORG/ML | 49002 ALGAE CRYPTOMO ORG/ML | 49003 ALGAE DINOFLAG ORG/ML | 60370 ALGAE DIATOMS CELLS/ML | 60050 ALGAE TOTAL /ML |
|---|---|---|---|---|---|---|---|---|---|---|
| 72/09/15 | 12 40 | 0003 | 30 | 0 | 0 | 0 | 0 | 0 | 1167 | 1197 |
| 72/10/13 | 12 30 | 0003 | 91 | 0 | 0 | 0 | 0 | 0 | 500 | 591 |
| 72/12/14 | 13 30 | 0003 | 153 | 0 | 0 | 0 | 0 | 0 | 139 | 292 |
| 73/01/29 | 13 35 | 0003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73/02/26 | 15 20 | 0003 | 50 | 0 | 0 | 0 | 0 | 0 | 176 | 226 |
| 73/03/27 | 14 05 | 0003 | 430 | 0 | 76 | 25 | 0 | 0 | 101 | 632 |
| 73/04/26 | 14 05 | 0003 | 24 | 0 | 0 | 0 | 12 | 0 | 1488 | 1524 |
| 73/05/24 | 14 40 | 0003 | 144 | 0 | 0 | 0 | 24 | 0 | 1596 | 1764 |
| 73/06/25 | 15 43 | 0003 | 240 | 0 | 24 | 0 | 276 | 144 | 1584 | 2268 |
| 73/07/23 | 14 30 | 0003 | 24 | 0 | 0 | 0 | 36 | 0 | 1908 | 1968 |
| 73/08/20 | 13 50 | 0003 | 12 | 0 | 0 | 12 | 84 | 0 | 1164 | 1272 |
| 73/09/18 | 13 15 | 0003 | 12 | 0 | 0 | 0 | 36 | 0 | 1668 | 1716 |
| 73/10/25 | 14 40 | 0003 | 93 | 0 | 36 | 7 | 0 | 7 | 1212 | 1355 |
| 73/11/19 | 14 55 | 0003 | 75 | 0 | 25 | 76 | 0 | 0 | 279 | 455 |
| 74/01/15 | 14 40 | 0003 | 434 | 0 | 0 | 20 | 0 | 0 | 121 | 575 |

STORET RETRIEVAL DATE 77/03/17

052544 S49
38 11 10.0 121 58 30.0 1
MONTEZUMA SL. AT GRIZZLEY ISL RD
06095 CALIFORNIA
SUISUN MARSH 140392

/TYPA/AMBNT/STREAM

113BUREC 04001004
0003 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 00310 BOD 5 DAY MG/L | 00312 BOD 6 DAY MG/L | 00315 BOD 7 DAY MG/L | 00350 BOD 14 DAY MG/L | 00351 BOD 21 DAY MG/L | 00326 BOD 28 DAY MG/L | 00352 BOD 35 DAY MG/L | 00353 BOD 42 DAY MG/L | 00354 BOD 49 DAY MG/L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 69/02/12 | 14 20 | 0003 | 1.7 | | | | | | | | |
| 69/04/11 | 13 00 | 0003 | 1.8 | | | | | | | | |
| 69/05/12 | 13 45 | 0003 | 1.5 | | | | | | | | |
| 69/07/08 | 14 10 | 0003 | 1.2 | | | | | | | | |
| 69/08/05 | 14 20 | 0003 | 1.5 | | | | | | | | |
| 69/09/03 | 13 30 | 0003 | 1.7 | | | | | | | | |
| 69/10/02 | 13 10 | 0003 | 1.3 | | | | | | | | |
| 69/11/06 | 14 20 | 0003 | 0.4 | | | | | | | | |
| 69/12/04 | 13 45 | 0003 | 1.5 | | | | | | | | |
| 70/01/02 | 10 40 | 0003 | 1.4 | | | | | | | | |
| 70/02/02 | 14 00 | 0003 | 1.0 | | | | | | | | |
| 70/03/05 | 13 30 | 0003 | 1.6 | | | | | | | | |
| 70/04/01 | 13 00 | 0003 | 2.3 | | | | | | | | |
| 70/05/15 | 14 00 | 0003 | 1.3 | | | | | | | | |
| 70/06/12 | 13 30 | 0003 | 1.5 | | | | | | | | |
| 70/07/13 | 14 50 | 0003 | 1.2 | | | | | | | | |
| 70/08/10 | 13 20 | 0003 | 1.7 | | | | | | | | |
| 70/09/08 | 14 20 | 0003 | 1.0 | | | | | | | | |
| 70/10/07 | 11 10 | 0003 | 1.6 | | | | | | | | |
| 70/11/06 | 13 00 | 0003 | 1.4 | | | | | | | | |
| 70/12/09 | 13 45 | 0003 | 2.9 | | | | | | | | |
| 71/01/06 | 13 20 | 0003 | 1.3 | | | | | | | | |
| 71/02/05 | 13 40 | 0003 | 1.3 | | 1.8 | 2.8 | 3.6 | 4.1 | | | |
| 71/03/05 | 12 20 | 0003 | 1.7 | | 2.4 | 3.9 | 5.0 | 6.7 | | | |
| 71/04/05 | 13 45 | 0003 | 0.9J | | | | | | | | |
| 71/05/17 | 14 50 | 0003 | 1.8 | | | | | | | | |
| 71/06/18 | 13 20 | 0003 | 2.7 | | | | | | | | |
| 71/07/30 | 13 10 | 0003 | 1.7 | | | | | | | | |
| 71/09/27 | 13 20 | 0003 | | | 1.8 | | | | | | |
| 71/10/28 | 13 15 | 0003 | 2.5 | | | | | | | | |
| 71/11/24 | 12 00 | 0003 | 1.9 | | | | | | | | |
| 71/12/13 | 13 45 | 0003 | 0.8 | | | | | | | | |
| 72/02/08 | 14 05 | 0003 | 2.2 | | 3.0 | 6.2 | 7.6 | | 9.0 | | 10.2 |
| 72/05/05 | 13 00 | 0003 | 1.4 | | | 2.4 | | | | | 5.0 |
| 72/08/02 | 17 00 | 0003 | 1.3 | | 1.6 | 1.9 | | | | | 6.9 |
| 72/11/14 | 14 35 | 0003 | 2.2 | | 2.8 | 5.7 | | | | | 8.3L |

STORET RETRIEVAL DATE 77/03/17

052670 S61
38 12 33.8 122 07 20.4 1
CORDELIA SL AT VALLEJO PIPELN BR
06 CALIFORNIA
SUISUN MARSH

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

DESCRIPTION

LONGITUDE - 122 07 20.4 LATITUDE - 38 12 33.8

MONITORING STATION FOR SUISUN MARSH RESEARCH AND TESTING PROGRAM.

DESCRIPTION - LOCATED IN CORDELIA SLOUGH AT VALLEJO PIPELINE BRIDGE.

SAMPLING POINT - OFF CENTER OF BRIDGE ON THE DOWNSTREAM SIDE.

GRAB SAMPLES COLLECTED BY U.S. BUREAU OF RECLAMATION.

PHYSICAL PARAMETERS ANALYZED IN THE FIELD.

NUTRIENTS AND COMMON CHEMICALS ANALYZED BY USBR LABORATORY.

STORET RETRIEVAL DATE 77/03/17

052670 S61
38 12 33.8 122 07 20.4 1
CORDELIA SL AT VALLEJO PIPELN BR
06 CALIFORNIA
SUISUN MARSH

/TYPA/AMBNT/STREAM

113BUREC 04001004
0005 FEET DEPTH CLASS 00

| DATE FROM TO | TIME OF DAY | DEPTH FEET | 32211 CHLRPHYL A UG/L CORRECTD | 32212 CHLRPHYL B UG/L | 32214 CHLRPHYL C UG/L | 32218 PHEOPHTN A UG/L | 32221 % CHL A OF PHE A + CHL A | 70991 PRODUCT AREA-NET G/M2/DAY | 70992 PRODUCT AREA-GRS G/M2/DAY | 70993 PRODUCT MAX-GROS G/M3/DAY | 70994 RESPIRAT AREA-PLA G/M2/DAY | 70995 RESPIRAT VOL-PLAN G/M3/DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/03/22 | 14 30 | 0003 | 5.00 | | | 2.90 | 64 | | | | | |
| 74/04/18 | 13 50 | 0003 | 1.80 | | | 1.80 | 50 | | | | | |
| 74/05/14 | 11 20 | 0001 | 10.00 | | | 7.70 | 59 | | | | | |
| 74/06/28 | 13 40 | 0001 | 2.90 | | | 2.60 | 53 | | | | | |
| 74/07/25 | 11 40 | 0002 | 75.00 | | | 15.00 | 83 | | | | | |
| 74/08/29 | 13 20 | 0002 | 66.00 | | | 16.00 | 80 | | | | | |
| 74/10/07 | 09 10 | 0003 | 23.00 | | | 9.30 | 71 | | | | | |
| 74/10/24 | 12 30 | 0003 | 2.00 | | | 2.20 | 47 | | | | | |
| 74/12/05 | 08 35 | 0003 | 6.70 | | | 5.90 | 53 | | | | | |

# Algal Growth Potential Studies

## ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hr | 48 hr | 72 hr | 96 hr | 120 hr |
| D2 | 69/05/08 | 0805 | 9.9 | 30 | 40 | 28 | | |
| D3 | 69/05/07 | 0855 | 8.4 | 21 | 33 | 27 | | |
| D6 | 69/05/08 | 0725 | 8.4 | 26 | 42 | 36 | | |
| D7 | 69/05/07 | 0705 | 9.1 | 28 | 36 | 31 | | |
| D9 | 69/05/07 | 0755 | 9.9 | 26 | 32 | 25 | | |
| D10 | 69/05/08 | 0850 | 7.4 | 23 | 30 | 22 | | |
| D13 | 69/05/07 | 0940 | 7.0 | 27 | 33 | 24 | | |
| D14A | 69/05/07 | 1000 | 7.6 | 21 | 39 | 27 | | |
| D15 | 69/05/07 | 1025 | 6.7 | 16 | 40 | 28 | | |
| D16 | 69/05/07 | 1050 | 6.5 | 17 | 38 | 24 | | |
| D17 | 69/05/07 | 1145 | 6.4 | 17 | 46 | 33 | | |
| D18 | 69/05/07 | 1125 | 6.7 | 15 | 41 | 28 | | |
| D19 | 69/05/07 | 1200 | 6.5 | 14 | 45 | 33 | | |
| D22 | 69/05/08 | 0935 | 8.4 | 22 | 25 | 21 | | |
| D23 | 69/05/08 | 0950 | 5.3 | 15 | 29 | 19 | | |
| D24 | 69/05/08 | 1020 | 4.1 | 7.4 | 20 | 18 | | |
| C3 | 69/05/01 | 1110 | 2.4 | -- | -- | 14 | 11 | |
| C10 | 69/05/01 | 1330 | 11 | -- | -- | 40 | 30 | |

## ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hr | 48 hr | 72 hr | 96 hr | 120 hr |
| D2 | 69/06/10 | 1425 | 6.8 | 15 | 25 | 17 | | |
| D3 | 69/06/11 | 1630 | 6.7 | 14 | 17 | 16 | | |
| D6 | 69/06/11 | 1445 | 6.0 | 14 | 37 | 30 | | |
| D7 | 69/06/11 | 1525 | 8.4 | 24 | 26 | 19 | | |
| D9 | 69/06/10 | 1505 | 6.7 | 15 | 21 | 15 | | |
| D10 | 69/06/11 | 1605 | 6.5 | 14 | 20 | 14 | | |
| D13 | 69/06/11 | 1715 | 4.9 | 14 | 17 | 13 | | |
| D14A | 69/06/11 | 1735 | 6.5 | 16 | 13 | 11 | | |
| D15 | 69/06/11 | 1800 | 4.8 | 14 | 19 | 14 | | |
| D16 | 69/06/11 | 1820 | 4.6 | 13 | 17 | 14 | | |
| D17 | 69/06/11 | 1915 | 4.7 | 13 | 18 | 14 | | |
| D18 | 69/06/11 | 1900 | 4.3 | 13 | 22 | 15 | | |
| D19 | 69/06/11 | 1935 | 4.9 | 12 | 19 | 13 | | |
| D21 | 69/06/09 | 1030 | 6.5 | 17 | 15 | 13 | | |
| D22 | 69/06/10 | 1600 | 7.1 | 17 | 18 | 15 | | |
| D23 | 69/06/10 | 1620 | 4.9 | 16 | 16 | 12 | | |
| D24 | 69/06/10 | 1645 | 3.6 | 11 | 21 | 14 | | |
| C3 | 69/06/10 | 1415 | 2.5 | 7.6 | 27 | 20 | | |
| C10 | 69/06/09 | 1335 | 5.9 | 9.9 | 12 | 9.9 | | |

## ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hr | 48 hr | 72 hr | 96 hr | 120 hr |
| D1 | 69/07/22 | 1015 | 27 | 76 | 76 | 61 | | |
| D2 | 69/07/22 | 1045 | 26 | 59 | 59 | 53 | | |
| D3 | 69/07/23 | 1320 | 26 | 27 | 21 | 17 | | |
| D6 | 69/07/23 | 1130 | 30 | 59 | 52 | 44 | | |
| D7 | 69/07/23 | 1215 | 44 | 76 | 63 | 56 | | |
| D8 | 69/07/22 | 1110 | 35 | 49 | 41 | 30 | | |
| D9 | 69/07/22 | 1135 | 46 | 43 | 36 | 29 | | |
| D10 | 69/07/23 | 1255 | 34 | 36 | 30 | 23 | | |
| D11 | 69/07/23 | 1300 | 27 | 30 | 22 | 18 | | |
| D12 | 69/07/23 | 1345 | 27 | 22 | 21 | 14 | | |
| D13 | 69/07/23 | 1405 | 28 | 21 | 17 | 12 | | |
| D14A | 69/07/23 | 1425 | 42 | 32 | 26 | 18 | | |
| D15 | 69/07/23 | 1500 | 33 | 30 | 23 | 18 | | |
| D16 | 69/07/23 | 1525 | 28 | 40 | 29 | 21 | | |
| D17 | 69/07/23 | 1625 | 31 | 37 | 29 | 20 | | |
| D18 | 69/07/23 | 1600 | 15 | 40 | 31 | 18 | | |
| D19 | 69/07/23 | 1645 | 29 | 28 | 21 | 15 | | |
| D20 | 69/07/23 | 1410 | 23 | 23 | 19 | 15 | | |
| D21 | 69/07/23 | 1500 | 33 | 35 | 29 | 22 | | |
| D22 | 69/07/22 | 1240 | 27 | 36 | 27 | 21 | | |
| D23 | 69/07/22 | 1300 | 24 | 32 | 26 | 19 | | |
| D24 | 69/07/22 | 1315 | 14 | 25 | 18 | 11 | | |
| D25 | 69/07/22 | 1335 | 14 | 24 | 18 | 16 | | |
| C3 | 69/07/22 | 1545 | 5.5 | 12 | 15 | 14 | | |
| C10 | 69/07/22 | 1510 | 44 | 59 | 106 | 62 | | |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hr | 48 hr | 72 hr | 96 hr | 120 hr |
| D1 | 69/08/19 | 0830 | 36 | 63 | 63 | 64 | -- | |
| D2 | 69/08/19 | 0900 | 50 | 91 | 65 | 74 | -- | |
| D3 | 69/08/19 | 1005 | 33 | 33 | 30 | 24 | -- | |
| D6 | 69/08/20 | 1040 | 33 | 52 | 58 | 55 | -- | |
| D7 | 69/08/20 | 1125 | 50 | 62 | 52 | 55 | -- | |
| D8 | 69/08/20 | 1200 | 48 | 40 | 84 | 49 | -- | |
| D9 | 69/08/19 | 0935 | 49 | 52 | 48 | 40 | -- | |
| D10 | 69/08/20 | 1235 | 43 | 40 | 31 | 26 | -- | |
| D11 | 69/08/19 | 1055 | 28 | 31 | 27 | 20 | -- | |
| D12 | 69/08/19 | 1025 | 23 | 21 | 17 | 14 | -- | |
| D14A | 69/08/20 | 1340 | 15 | 15 | 14 | 11 | -- | |
| D15 | 69/08/20 | 1410 | 21 | 22 | 21 | 15 | -- | |
| D16 | 69/08/20 | 1435 | 20 | 18 | 17 | 12 | -- | |
| D17 | 69/08/20 | 1530 | 18 | 17 | 14 | 11 | -- | |
| D18 | 69/08/20 | 1510 | 22 | 23 | 18 | 14 | -- | |
| D19 | 69/08/20 | 1550 | 18 | 19 | 14 | 12 | -- | |
| D20 | 69/08/20 | 1325 | 13 | 29 | 24 | 23 | -- | |
| D21 | 69/08/20 | 1400 | 9.9 | 11 | 7.6 | 6.5 | -- | |
| D22 | 69/08/19 | 1140 | 26 | 32 | 24 | 17 | -- | |
| D23 | 69/08/19 | 1155 | 26 | 33 | 24 | 17 | -- | |
| D24 | 69/08/19 | 1220 | 3.9 | 18 | 20 | 15 | -- | |
| D25 | 69/08/19 | 1245 | 5.2 | 12 | 24 | 16 | -- | |
| C3 | 69/08/22 | 1030 | 2.3 | 12 | 27 | 29 | 21 | |
| C10 | 69/08/20 | 1120 | 67 | 144 | 167 | 122 | -- | |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D1 | 69/09/17 | 0810 | 28 | 56 | 61 | 52 | 36 | Skeletonema |
| D2 | 69/09/17 | 0840 | 20 | 40 | 33 | 24 | 19 | Cyclotella, Melosira |
| D3 | 69/09/17 | 0950 | 21 | 29 | 24 | 18 | 14 | Melosira, Coscinodiscus, Cyclotella |
| D6 | 69/09/18 | 0935 | 20 | 49 | 70 | 58 | 46 | Skeletonema, Cyclotella |
| D7 | 69/09/18 | 1015 | 27 | 48 | 40 | 27 | 24 | Cyclotella, Melosira |
| D8 | 69/09/18 | 1055 | 20 | 40 | 30 | 23 | 20 | Melosira, Cyclotella |
| D9 | 69/09/17 | 0920 | 22 | 40 | 28 | 24 | 18 | Melosira, Cyclotella |
| D10 | 69/09/18 | 1120 | 21 | 34 | 24 | 17 | 15 | Melosira, Cyclotella |
| D11 | 69/09/17 | 1040 | 12 | 27 | 20 | 15 | 14 | Melosira, Coscinodiscus |
| D12 | 69/09/17 | 1010 | 20 | 29 | 21 | 15 | 15 | Melosira |
| D13 | 69/09/18 | 1205 | 16 | 25 | 17 | 15 | 12 | Melosira |
| D14A | 69/09/18 | 1225 | 23 | 26 | 22 | 17 | 14 | Melosira, Coscinodiscus |
| D15 | 69/09/18 | 1300 | 21 | 29 | 21 | 18 | 15 | Melosira, Coscinodiscus |
| D16 | 69/09/18 | 1325 | 17 | 32 | 24 | 21 | 15 | Melosira, Coscinodiscus |
| D17 | 69/09/18 | 1430 | 27 | 33 | 27 | 21 | 17 | Melosira, Coscinodiscus |
| D18 | 69/09/18 | 1405 | 17 | 35 | 29 | 24 | 19 | Melosira, Coscinodiscus |
| D19 | 69/09/18 | 1455 | 25 | 27 | 20 | 18 | 15 | Melosira, Coscinodiscus |
| D20 | 69/09/18 | 1445 | 21 | 23 | 18 | 18 | 15 | Melosira, Coscinodiscus |
| D21 | 69/09/18 | 1550 | 23 | 24 | 20 | 18 | 15 | Melosira, Coscinodiscus |
| D22 | 69/09/17 | 1110 | 14 | 27 | 23 | 15 | 14 | Melosira, Coscinodiscus |
| D23 | 69/09/17 | 1130 | 24 | 29 | 21 | 17 | 12 | Melosira, Coscinodiscus |
| D24 | 69/09/18 | 1140 | 4.3 | 11 | 23 | 21 | 12 | Small Pennate Diatoms |
| D25 | 69/09/17 | 1210 | 3.5 | 13 | 31 | 20 | 16 | Small Pennate Diatoms |
| C3 | 69/09/18 | 1030 | 3.6 | 11 | 38 | 22 | 15 | Small Pennate Diatoms |
| C10 | 69/09/17 | 1515 | 26 | 13 | 17 | 74 | 44 | Small Pennate Diatoms, Melosira, Cyclotella, Coscinodiscus, several Chlorococcales |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D1 | 69/10/21 | 1355 | 6.1 | 21 | 103 | 76 | -- | Coscinodiscus, Cyclotella, Skeletonema |
| D2 | 69/10/21 | 1415 | 8.4 | 24 | 76 | 52 | -- | Skeletonema, Coscinodiscus, Cyclotella |
| D3 | 69/10/21 | 1655 | 14 | 35 | 43 | 30 | -- | Melosira, Cyclotella |
| D6 | 69/10/21 | 1325 | 4.6 | 20 | 91 | 52 | -- | Skeletonema, Coscinodiscus, Cyclotella |
| D7 | 69/10/21 | 1215 | 9.1 | 21 | 67 | 49 | -- | Skeletonema, Coscinodiscus, Cyclotella |
| D8 | 69/10/21 | 1500 | 8.4 | 19 | 55 | 48 | -- | Skeletonema, Coscinodiscus, Cyclotella |
| D9 | 69/10/21 | 1530 | 11 | 29 | 40 | 28 | -- | Melosira, Cyclotella |
| D10 | 69/10/21 | 1610 | 7.6 | 25 | 38 | 24 | -- | Melosira, Cyclotella |
| D11 | 69/10/20 | 1100 | 12 | 33 | 36 | 25 | -- | Melosira, Cyclotella |
| D12 | 69/10/20 | 1145 | -- | 36 | 41 | 29 | -- | Melosira, Cyclotella |
| D13 | 69/10/20 | 1220 | 15 | 40 | 43 | 29 | -- | Melosira |
| D14A | 69/10/20 | 1250 | 15 | 43 | 47 | 25 | -- | Melosira |
| D15 | 69/10/20 | 1325 | 15 | 39 | 47 | 30 | -- | Melosira |
| D16 | 69/10/20 | 1425 | 8.4 | 24 | 49 | 30 | -- | Melosira |
| D17 | 69/10/20 | 1545 | 12 | 30 | 53 | 32 | -- | Melosira |
| D18 | 69/10/20 | 1520 | 9.1 | 25 | 62 | 40 | -- | Melosira |
| D19 | 69/10/20 | 1615 | 13 | 36 | 47 | 29 | -- | Melosira |
| D20 | 69/10/17 | 1245 | 16 | 34 | 31 | 21 | 14 | Coscinodiscus, Melosira, Cyclotella |
| D21 | 69/10/17 | 1330 | 17 | 46 | 59 | 43 | 24 | Coscinodiscus, Melosira, Cyclotella |
| D22 | 69/10/16 | 1025 | 11 | 21 | 34 | 24 | 23 | Melosira |
| D23 | 69/10/16 | 1110 | 8.4 | 21 | 32 | 27 | 20 | Melosira |
| D24 | 69/10/21 | 1855 | 3.0 | 12 | 40 | 27 | -- | Small Pennate Diatoms, Melosira |
| D24 | 69/10/17 | 1055 | 3.0 | 7.2 | 15 | 19 | 27 | Melosira, Fragilaria and other small Pennate Diatoms |
| D25 | 69/10/16 | 1245 | 2.3 | 54 | 21 | 33 | 15 | Bacillaria and other small Pennate Diatoms |
| C3 | 69/10/17 | 0920 | 1.9 | 6.8 | 39 | 24 | 13 | Small Pennate Diatoms, Cyclotella |
| C10 | 69/10/17 | 1515 | 9.1 | 35 | 110 | 59 | 33 | Small Pennate Diatoms, Cyclotella |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D1 | 69/11/20 | 1155 | 4.3 | 14 | 91 | 63 | 38 | Skeletonema, Chaetoceros, Coscinodiscus |
| D2 | 69/11/20 | 1220 | 6.5 | 26 | 73 | 49 | 38 | Skeletonema, Chaetoceros, Coscinodiscus |
| D3 | 69/11/21 | 1210 | 11 | 39 | 51 | 34 | -- | Cyclotella, Melosira, Coscinodiscus |
| D6 | 69/11/20 | 1120 | 3.3 | 14 | 73 | 55 | 41 | Skeletonema, Chaetoceros, Coscinodiscus |
| D7 | 69/11/21 | 1020 | 9.1 | 28 | 67 | 48 | -- | Skeletonema, Coscinodiscus, Cyclotella |
| D8 | 69/11/20 | 1305 | 8.4 | 30 | 64 | 42 | 25 | Coscinodiscus, Cyclotella, small Chlorococcales |
| D9 | 69/11/21 | 1120 | 11 | 38 | 65 | 38 | -- | Cyclotella, Melosira, small Chlorococcales |
| D10 | 69/11/20 | 1350 | 8.4 | 42 | 65 | 39 | 27 | Cyclotella, Melosira, small Chlorococcales |
| D11 | 69/11/21 | 1310 | 9.1 | 32 | 40 | 25 | -- | Melosira, Cyclotella |
| D12 | 69/11/21 | 1240 | 12 | 47 | 46 | 31 | -- | Melosira, Cyclotella |
| D13 | 69/11/21 | 1340 | 11 | 41 | 39 | 24 | -- | Melosira, Cyclotella |
| D14A | 69/11/20 | 1535 | 11 | 53 | 58 | 31 | 21 | Melosira, Cyclotella |
| D15 | 69/11/24 | 1430 | 8.4 | 30 | 51 | 36 | -- | Melosira, Cyclotella |
| D16 | 69/11/24 | 1500 | 7.6 | 29 | 47 | 35 | -- | Melosira, Cyclotella |
| D17 | 69/11/24 | 1615 | 7.4 | 24 | 47 | 38 | -- | Melosira, Cyclotella |
| D18 | 69/11/24 | 1550 | 5.9 | 23 | 59 | 43 | -- | Melosira, Cyclotella |
| D19 | 69/11/24 | 1645 | 6.8 | 23 | 50 | 32 | -- | Melosira, Cyclotella, Coscinodiscus, small Pennate Diatoms |
| D20 | 69/11/19 | 1200 | 17 | 67 | 48 | 30 | 17 | Melosira, Cyclotella, Coscinodiscus, small Pennate Diatoms |
| D21 | 69/11/19 | 1300 | 14 | 62 | 71 | 55 | 43 | Melosira |
| D22 | 69/11/25 | 1400 | 4.8 | 14 | 33 | 38 | -- | Melosira, Cyclotella |
| D23 | 69/11/25 | 1445 | 4.8 | 14 | 40 | 38 | -- | Melosira, Cyclotella |
| D24 | 69/11/25 | 1530 | 2.9 | 9.1 | 24 | 32 | -- | Melosira, Cyclotella |
| D25 | 69/11/25 | 1630 | 2.2 | 8.4 | 21 | 43 | -- | Melosira, Cyclotella |
| C3 | 69/11/19 | 1500 | 2.0 | 9.1 | 39 | 28 | 15 | Melosira, Anabaena, small Pennate Diatoms |
| C10 | 69/11/19 | 1000 | 6.5 | 44 | 106 | 60 | 30 | Cyclotella, small Chlorococcales, small Pennate Diatoms |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | 120 hour | Dominant Genera |
| D1 | 70/02/11 | 0840 | 1.9 | 4.4 | 19 | 59 | 53 | 46 | Melosira |
| D2 | 70/02/11 | 0855 | 1.6 | 3.6 | 18 | 58 | 48 | 39 | Melosira |
| D3 | 70/02/12 | 0900 | 1.9 | 4.3 | 23 | 73 | 60 | 51 | Melosira |
| D6 | 70/02/11 | 0810 | 3.6 | 5.1 | 32 | 76 | 59 | 49 | Melosira |
| D7 | 70/02/11 | 0730 | 1.5 | 4.9 | 21 | 47 | 39 | 32 | Melosira |
| D8 | 70/02/11 | 0915 | 1.6 | 3.8 | 16 | 70 | 60 | 47 | Melosira |
| D9 | 70/02/11 | 0940 | 1.5 | 4.3 | 21 | 39 | 30 | 27 | Melosira |
| D10 | 70/02/12 | 0840 | 1.5 | 3.8 | 18 | 46 | 38 | 32 | Melosira |
| D11 | 70/02/12 | 0945 | 1.3 | 3.6 | 16 | 40 | 30 | 30 | Melosira |
| D12 | 70/02/12 | 0920 | 1.8 | 4.2 | 23 | 55 | 39 | 36 | Melosira |
| D13 | 70/02/11 | 1030 | 1.6 | 4.1 | 20 | 73 | 59 | 49 | Melosira |
| D14A | 70/02/11 | 1055 | 2.4 | 5.3 | 23 | 76 | 67 | 60 | Melosira |
| D15 | 70/02/11 | 1120 | 1.8 | 4.3 | 20 | 76 | 48 | 59 | Melosira |
| D16 | 70/02/11 | 1150 | 1.4 | 4.3 | 19 | 59 | 76 | 40 | Melosira |
| D17 | 70/02/11 | 1245 | 1.9 | 7.4 | 32 | 91 | 69 | 58 | Melosira, small Pennate Diatoms |
| D18 | 70/02/11 | 1225 | 2.1 | 5.0 | 23 | 73 | 73 | 46 | Melosira, small Pennate Diatoms |
| D19 | 70/02/11 | 1300 | 2.2 | 5.9 | 31 | 91 | 69 | 55 | Melosira, small Pennate Diatoms |
| D20 | 70/02/13 | 1200 | 4.3 | 7.6 | 39 | 84 | 106 | 91 | Melosira, Cyclotella, Coscinodiscus, small Pennate Diatoms |
| D21 | 70/02/13 | 1300 | 3.6 | 5.5 | 24 | 65 | 91 | 64 | Melosira, Cyclotella, Coscinodiscus, small Pennate Diatoms |
| D22 | 70/02/12 | 1005 | 1.3 | 3.8 | 21 | 39 | 29 | 25 | Melosira, small Pennate Diatoms |
| D23 | 70/02/12 | 1025 | 1.1 | 3.5 | 17 | 30 | 23 | 20 | Melosira |
| D24 | 70/02/12 | 1145 | 1.2 | 2.7 | 16 | 30 | 21 | 20 | Melosira |
| D25 | 70/02/13 | 1050 | 1.1 | 2.3 | 9.9 | 34 | 33 | 24 | Melosira |
| C3 | 70/02/13 | 0915 | 1.1 | 2.6 | 11 | 30 | 33 | 28 | Melosira |
| C10 | 70/02/13 | 1420 | 5.7 | 7.1 | 15 | 39 | 48 | 46 | Scenedesmus, Selenastrum |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D1 | 70/03/16 | 1105 | 3.0 | 7.0 | 29 | 59 | 43 | Melosira, small Pennate Diatoms |
| D2 | 70/03/16 | 1120 | 3.1 | 9.9 | 39 | 56 | 39 | Melosira, small Pennate Diatoms |
| D3 | 70/03/19 | 1510 | 3.8 | 14 | 52 | 44 | 24 | Melosira, small Pennate Diatoms |
| D6 | 70/03/16 | 1035 | 2.1 | 7.0 | 36 | 65 | 44 | Small Pennate Diatoms |
| D7 | 70/03/16 | 0940 | 2.9 | 9.1 | 40 | 44 | 34 | Melosira, small Pennate Diatoms |
| D8 | 70/03/19 | 1400 | 3.2 | 9.1 | 35 | 44 | 29 | Melosira, small Pennate Diatoms |
| D9 | 70/03/19 | 1435 | 4.5 | 14 | 52 | 35 | 24 | Melosira, small Pennate Diatoms |
| D10 | 70/03/16 | 1200 | 3.3 | 9.9 | 41 | 52 | 38 | Melosira, small Pennate Diatoms |
| D11 | 70/03/20 | 1415 | 4.6 | 20 | 50 | 31 | 23 | Melosira, small Pennate Diatoms |
| D12 | 70/03/19 | 1530 | 4.3 | 12 | 53 | 52 | 36 | Melosira, small Pennate Diatoms |
| D13 | 70/03/16 | 1245 | 4.0 | 12 | 49 | 66 | 44 | Melosira, small Pennate Diatoms |
| D14A | 70/03/16 | 1330 | 5.2 | 14 | 54 | 76 | 55 | Melosira, small Pennate Diatoms |
| D15 | 70/03/19 | 1615 | 4.1 | 12 | 47 | 53 | 39 | Melosira, small Pennate Diatoms |
| D16 | 70/03/19 | 1640 | 2.7 | 9.9 | 40 | 46 | 26 | Melosira, small Pennate Diatoms |
| D17 | 70/03/16 | 1415 | 3.9 | 11 | 40 | 76 | 59 | Melosira, small Pennate Diatoms |
| D18 | 70/03/16 | 1430 | 4.2 | 11 | 47 | 50 | 32 | Melosira |
| D19 | 70/03/16 | 1500 | 4.1 | 14 | 55 | 71 | 52 | Melosira, small Pennate Diatoms |
| D20 | 70/03/17 | 1430 | 6.2 | 17 | 55 | 106 | 71 | Melosira, small Pennate Diatoms |
| D21 | 70/03/17 | 1345 | 5.8 | 17 | 60 | 122 | 84 | Melosira, small Pennate Diatoms |
| D22 | 70/03/20 | 1450 | 3.9 | 14 | 43 | 26 | 23 | Melosira, small Pennate Diatoms |
| D23 | 70/03/20 | 1510 | 5.9 | 20 | 46 | 29 | 24 | Melosira, small Pennate Diatoms |
| D24 | 70/03/20 | 1535 | 4.4 | 20 | 41 | 27 | 24 | Melosira, small Pennate Diatoms |
| D25 | 70/03/20 | 1605 | 4.4 | 17 | 53 | 33 | 27 | Melosira, small Pennate Diatoms |
| C3 | 70/03/17 | 1620 | -- | 15 | 35 | 27 | 20 | Melosira, small Pennate Diatoms |
| C10 | 70/03/17 | 1215 | 17 | 17 | 53 | 91 | 67 | Small Pennate Diatoms, Cyclotella |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | |
|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour |
| D1 | 70/04/15 | 1010 | 7.6 | 35 | 91 | 76 |
| D2 | 70/04/15 | 1030 | 7.3 | 35 | 91 | 73 |
| D3 | 70/04/15 | 1145 | 7.6 | 28 | 63 | 46 |
| D6 | 70/04/16 | 1215 | 5.3 | 32 | 84 | 64 |
| D7 | 70/04/16 | 1130 | 6.1 | 30 | 84 | 65 |
| D8 | 70/04/15 | 1055 | 6.5 | 27 | 66 | 53 |
| D9 | 70/04/15 | 1115 | 7.3 | 27 | 67 | 55 |
| D10 | 70/04/16 | 1310 | 6.4 | 29 | 70 | 52 |
| D11 | 70/04/17 | 1335 | 9.9 | 43 | 48 | 36 |
| D12 | 70/04/16 | 1350 | 8.4 | 43 | 52 | 39 |
| D13 | 70/04/15 | 1215 | 9.1 | 36 | 49 | 37 |
| D14A | 70/04/16 | 1420 | 9.1 | 40 | 44 | 32 |
| D15 | 70/04/10 | 1430 | 9.1 | 30 | 48 | 35 |
| D16 | 70/04/17 | 1545 | 9.9 | 33 | 45 | 36 |
| D17 | 70/04/16 | 1535 | 8.4 | 27 | 52 | 36 |
| D18 | 70/04/16 | 1550 | 7.3 | 26 | 52 | 36 |
| D19 | 70/04/16 | 1515 | 8.4 | 27 | 46 | 33 |
| D20 | 70/04/16 | 1425 | 11 | 35 | 44 | 47 |
| D21 | 70/04/16 | 1335 | 8.4 | 23 | 44 | 36 |
| D22 | 70/04/17 | 1405 | 9.9 | 36 | 49 | 36 |
| D23 | 70/04/17 | 1420 | 7.6 | 35 | 44 | 36 |
| D24 | 70/04/16 | 1420 | 5.2 | 23 | 49 | 49 |
| D25 | 70/04/17 | 1500 | 3.2 | 29 | 44 | 38 |
| C3 | 70/04/16 | 1555 | 15 | 24 | 50 | 36 |
| C10 | 70/04/16 | 1200 | 52 | 198 | 304 | 220 |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 12 hour | 36 hour | 60 hour | 84 hour | Dominant Genera |
| D1 | 70/05/20 | 1645 | 16 | 33 | 55 | 75 | 59 | Synedra, Coscinodiscus, Skeletonema |
| D2 | 70/05/20 | 1655 | 19 | 33 | 59 | 59 | 51 | Synedra, Coscinodiscus, Skeletonema |
| D3 | 70/05/20 | 1815 | 11 | 21 | 20 | 11 | 11 | Small Pennate Diatoms |
| D6 | 70/05/18 | 1450 | 8.4 | 21 | 47 | 47 | 41 | Coscinodiscus, Skeletonema |
| D7 | 70/05/18 | 1350 | 21 | 33 | 70 | 59 | -- | Synedra, Coscinodiscus, Skeletonema |
| D8 | 70/05/20 | 1720 | 17 | 29 | 51 | 51 | 47 | Coscinodiscus |
| D9 | 70/05/20 | 1740 | 12 | 22 | 41 | 32 | -- | Coscinodiscus |
| D10 | 70/05/18 | 1550 | 11 | 17 | 49 | 38 | -- | Coscinodiscus |
| D11 | 70/05/19 | 1700 | 9.1 | 33 | 32 | 24 | -- | Small Pennate Diatoms |
| D12 | 70/05/18 | 1625 | 18 | 24 | 20 | 14 | -- | Small Pennate Diatoms |
| D13 | 70/05/20 | 1840 | 18 | 18 | 12 | 9.9 | -- | Small Pennate Diatoms |
| D14A | 70/05/18 | 1655 | 21 | 29 | 24 | 15 | -- | Melosira |
| D15 | 70/05/18 | 1720 | 21 | 35 | 20 | 20 | -- | Melosira |
| D16 | 70/05/19 | 1930 | 23 | 20 | 38 | 30 | -- | Anabaena |
| D17 | 70/05/18 | 1810 | 25 | 38 | 26 | 22 | -- | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |
| D18 | 70/05/18 | 1825 | 14 | 32 | 47 | 36 | -- | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |
| D19 | 70/05/18 | 1750 | 7.6 | 25 | 18 | 14 | -- | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |
| D20 | 70/05/19 | 1730 | 17 | 32 | 16 | 14 | -- | Melosira, small Pennate Diatoms, Cyclotella |
| D21 | 70/05/19 | 1820 | 21 | 30 | 23 | 21 | -- | Melosira, small Pennate Diatoms, Cyclotella |
| D22 | 70/05/19 | 1725 | -- | 24 | 35 | 26 | -- | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |
| D23 | 70/05/19 | 1750 | 21 | 9.1 | 30 | 21 | -- | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |
| D24 | 70/05/18 | 1700 | 7.2 | 33 | 34 | 40 | 32 | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |
| D25 | 70/05/19 | 1835 | 7.2 | 12 | 24 | 20 | -- | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |
| C3 | 70/05/18 | 1430 | 6.3 | 33 | 44 | 35 | -- | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |
| C10 | 70/05/20 | 1100 | 49 | 91 | 99 | 75 | -- | Anabaena, small Pennate Diatoms, Melosira, Cyclotella |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | |
|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 12 hour | 36 hour | 60 hour | Dominant Genera |
| D1 | 70/06/17 | 1530 | 17 | 41 | 38 | -- | Coscinodiscus, Cyclotella, Pennate Diatoms, Skeletonema |
| D2 | 70/06/17 | 1545 | 22 | 41 | 38 | -- | Coscinodiscus, Cyclotella, Pennate Diatoms, Skeletonema |
| D3 | 70/06/17 | 1700 | 16 | 32 | 21 | -- | Cyclotella, Pennate Diatoms |
| D6 | 70/06/15 | 1420 | 14 | 27 | 26 | -- | Coscinodiscus, Cyclotella, Pennate Diatoms, Skeletonema |
| D7 | 70/06/15 | 1335 | 27 | 41 | 41 | -- | Coscinodiscus |
| D8 | 70/06/17 | 1610 | 31 | 40 | 33 | -- | Coscinodiscus, Cyclotella, Pennate Diatoms, Skeletonema |
| D9 | 70/06/17 | 1630 | 32 | 52 | 44 | -- | Coscinodiscus |
| D10 | 70/06/15 | 1530 | 21 | 36 | 41 | 35 | Coscinodiscus, Cyclotella, Pennate Diatoms, Skeletonema |
| D11 | 70/06/16 | 1525 | 21 | 30 | 21 | -- | Cyclotella, Pennate Diatoms |
| D12 | 70/06/15 | 1605 | 20 | 23 | 17 | -- | Cyclotella, Pennate Diatoms |
| D13 | 70/06/17 | 1725 | 21 | 23 | 16 | -- | Cyclotella, Pennate Diatoms |
| D14A | 70/06/15 | 1645 | 24 | 29 | 23 | -- | Cyclotella, Pennate Diatoms |
| D15 | 70/06/15 | 1715 | 28 | 34 | 62 | 40 | Cyclotella, Pennate Diatoms |
| D16 | 70/06/16 | 1810 | 23 | 31 | 33 | -- | Cyclotella, Pennate Diatoms |
| D17 | 70/06/15 | 1810 | 24 | 45 | 33 | -- | Cyclotella, Pennate Diatoms |
| D18 | 70/06/15 | 1825 | 14 | 38 | 24 | -- | Cyclotella, Pennate Diatoms |
| D19 | 70/06/15 | 1745 | 24 | 41 | 30 | -- | Cyclotella, Pennate Diatoms |
| D20 | 70/06/16 | 1500 | 21 | 22 | 17 | -- | Cyclotella, Pennate Diatoms |
| D21 | 70/06/16 | 1555 | 21 | 33 | 26 | -- | Cyclotella, Pennate Diatoms |
| D22 | 70/06/16 | 1600 | 21 | 36 | 43 | 29 | Cyclotella, Pennate Diatoms |
| D23 | 70/06/16 | 1620 | 21 | 32 | 47 | 34 | Cyclotella, Pennate Diatoms |
| D24 | 70/06/15 | 1505 | 13 | 29 | 50 | 30 | Pennate Diatoms, Melosira |
| D25 | 70/06/16 | 1710 | 15 | 27 | 48 | 31 | Pennate Diatoms, Melosira |
| C3 | 70/06/15 | 1345 | 5.5 | 15 | 49 | 40 | Pennate Diatoms, Melosira |
| C10 | 70/06/16 | 1225 | 66 | 274 | 190 | 129 | Cyclotella, Pennate Diatoms |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | |
|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 12 hour | 36 hour | 60 hour | Dominant Genera |
| D1 | 70/07/16 | 1550 | 11 | 25 | 61 | 40 | Melosira moniformis, Cascinodiscus, Skeletonema |
| D2 | 70/07/16 | 1605 | 16 | 38 | 53 | 36 | Melosira moniformis, Coscinodiscus, Skeletonema |
| D3 | 70/07/16 | 1720 | 14 | 21 | 41 | 29 | Melosira moniformis, Cyclotella, Skeletonema |
| D6 | 70/07/15 | 1455 | 11 | 18 | 55 | 30 | Melosira moniformis, Coscinodiscus, Skeletonema |
| D7 | 70/07/15 | 1420 | 30 | 52 | 58 | 47 | Melosira moniformis, Coscinodiscus, Skeletonema |
| D8 | 70/07/16 | 1630 | 19 | 39 | 51 | 35 | Melosira moniformis, Coscinodiscus, Skeletonema |
| D9 | 70/07/16 | 1645 | 22 | 44 | 55 | 36 | Melosira moniformis, Coscinodiscus, Skeletonema |
| D10 | 70/07/15 | 1550 | 21 | 30 | 49 | 37 | Melosira moniformis, Coscinodiscus, Skeletonema |
| D11 | 70/07/14 | 1415 | 16 | 27 | 49 | 30 | Cyclotella, Coscinodiscus |
| D12 | 70/07/15 | 1620 | 17 | 27 | 41 | 29 | Cyclotella, Coscinodiscus |
| D13 | 70/07/16 | 1745 | 16 | 30 | 40 | 30 | Cyclotella, Coscinopiscus |
| D14A | 70/07/15 | 1655 | 24 | 46 | 41 | 29 | Cyclotella, Coscinodiscus |
| D15 | 70/07/15 | 1720 | 19 | 36 | 39 | 21 | Cyclotella, Coscinodiscus |
| D16 | 70/07/14 | 1712 | 14 | 24 | 47 | 27 | Cyclotella, Coscinodiscus |
| D17 | 70/07/15 | 1805 | 12 | 21 | 49 | 30 | Cyclotella, Coscinodiscus |
| D18 | 70/07/15 | 1815 | 8.4 | 17 | 46 | 35 | Cyclotella, Coscinodiscus |
| D19 | 70/07/15 | 1745 | 17 | 29 | 46 | 30 | Cyclotella, Coscinodiscus |
| D20 | 70/07/14 | 1410 | 35 | 50 | 32 | 24 | Cyclotella, Coscinodiscus |
| D21 | 70/07/14 | 1505 | 14 | 28 | 46 | 33 | Cyclotella, Coscinodiscus |
| D22 | 70/07/14 | 1450 | 12 | 23 | 52 | 33 | Cyclotella, Coscinodiscus |
| D23 | 70/07/14 | 1525 | 12 | 20 | 47 | 32 | Cyclotella, Coscinodiscus |
| D24 | 70/07/14 | 1555 | 9.1 | 15 | 35 | 32 | Cyclotella, Coscinodiscus, small Pennate Diatoms |
| D25 | 70/07/14 | 1620 | 11 | 18 | 41 | 23 | Cyclotella, Coscinodiscus, Melosira |
| C3 | 70/07/15 | 1300 | 8.4 | 15 | 47 | 29 | Cyclotella, Coscinodiscus, Melosira, small Pennate Diatoms |
| C10 | 70/07/14 | 1100 | 144 | 304 | 334 | 198 | Cyclotella |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | |
|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 12 hour | 36 hour | 60 hour | Dominant Genera |
| D1 | 70/08/14 | 1440 | 24 | 45 | 53 | 33 | Skeletonema, Coscinodiscus, Cyclotella |
| D2 | 70/08/14 | 1455 | 34 | 53 | 49 | 31 | Skeletonema, Coscinodiscus, Cyclotella |
| D3 | 70/08/14 | 1610 | 36 | 52 | 46 | 23 | Skeletonema, Coscinodiscus, Cyclotella |
| D6 | 70/08/13 | 1425 | 11 | 21 | 44 | 31 | Skeletonema, Coscinodiscus, Cyclotella |
| D7 | 70/08/13 | 1340 | 60 | 67 | 56 | 40 | Skeletonema, Coscinodiscus, Cyclotella |
| D8 | 70/08/14 | 1515 | 70 | 91 | 68 | 50 | Skeletonema, Coscinodiscus, Cyclotella |
| D9 | 70/08/14 | 1540 | 91 | 106 | 91 | 69 | Skeletonema, Coscinodiscus, Cyclotella |
| D10 | 70/08/13 | 1520 | 66 | 91 | 69 | 49 | Skeletonema, Coscinodiscus, Cyclotella |
| D11 | 70/08/12 | 1400 | 15 | 23 | 39 | 24 | Melosira, Cyclotella, Coscinodiscus |
| D12 | 70/08/13 | 1555 | 22 | 30 | 32 | 21 | Melosira, Cyclotella, Coscinodiscus |
| D13 | 70/08/14 | 1655 | 15 | 22 | 27 | 15 | Melosira, Cyclotella, Coscinodiscus |
| D14A | 70/08/13 | 1630 | 16 | 27 | 25 | 12 | Melosira, Cyclotella, Coscinodiscus |
| D15 | 70/08/13 | 1735 | 14 | 22 | 24 | 12 | Melosira, Cyclotella, Coscinodiscus |
| D16 | 70/08/12 | 1630 | 11 | 17 | 30 | 14 | Melosira, Cyclotella, Coscinodiscus |
| D17 | 70/08/13 | 1830 | 11 | 16 | 24 | 11 | Melosira, Cyclotella, Coscinodiscus |
| D18 | 70/08/13 | 1845 | 14 | 17 | 24 | 13 | Melosira, Cyclotella, Coscinodiscus |
| D19 | 70/08/13 | 1810 | 12 | 21 | 22 | 13 | Melosira, Cyclotella, Coscinodiscus |
| D20 | 70/08/13 | 1645 | 27 | 29 | 28 | 19 | Melosira, Cyclotella, Coscinodiscus |
| D21 | 70/08/13 | 1745 | 14 | 24 | 25 | 14 | Melosira, Cyclotella, Coscinodiscus |
| D22 | 70/08/12 | 1440 | 9.1 | 14 | 35 | 17 | Melosira, Cyclotella, Coscinodiscus |
| D23 | 70/08/12 | 1500 | 11 | 14 | 29 | 15 | Cyclotella, Melosira, some Chlorococcales |
| D24 | 70/08/12 | 1520 | 9.9 | 17 | 22 | 16 | Cyclotella, Melosira, small Pennate Diatoms |
| D25 | 70/08/12 | 1545 | 11 | 21 | 21 | 12 | Cyclotella, Melosira, small Pennate Diatoms |
| C3 | 70/08/12 | 1400 | 6.5 | 11 | 24 | 24 | Cyclotella, Melosira, small Pennate Diatoms |
| C10 | 70/08/12 | 1050 | 106 | 190 | 304 | 190 | Cyclotella, Coscinodiscus, Chlorococcales, small Pennate Diatoms, Melosira, Oscillatoria |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | |
|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 12 hr | 36 hr | 60 hr | 84 hr |
| D1 | 70/09/11 | 1325 | 42 | 74 | 67 | -- | |
| D2 | 70/09/11 | 1350 | 49 | 72 | 54 | -- | |
| D3 | 70/09/11 | 1530 | 19 | 30 | 25 | -- | |
| D6 | 70/09/09 | 1230 | 12 | 31 | 43 | 33 | |
| D7 | 70/09/09 | 1140 | 51 | 76 | 73 | -- | |
| D8 | 70/09/11 | 1420 | 43 | 56 | 49 | -- | |
| D9 | 70/09/11 | 1450 | 40 | 53 | 47 | -- | |
| D10 | 70/09/09 | 1335 | 26 | 40 | 33 | -- | |
| D11 | 70/09/10 | 1425 | 14 | 20 | 21 | 17 | |
| D12 | 70/09/09 | 1420 | 17 | 26 | 21 | -- | |
| D13 | 70/09/11 | 1600 | 16 | 22 | 18 | 12 | |
| D14A | 70/09/09 | 1505 | 15 | 21 | 14 | -- | |
| D15 | 70/09/09 | 1530 | 14 | 21 | 16 | -- | |
| D16 | 70/09/10 | 1630 | 13 | 20 | 15 | -- | |
| D17 | 70/09/09 | 1620 | 11 | 17 | 14 | -- | |
| D18 | 70/09/09 | 1640 | 9.1 | 21 | 20 | -- | |
| D19 | 70/09/09 | 1600 | 14 | 20 | 12 | -- | |
| D20 | 70/09/11 | 1600 | 15 | 23 | 22 | -- | |
| D21 | 70/09/11 | 1700 | 14 | 21 | 20 | -- | |
| D22 | 70/09/10 | 1450 | 9.9 | 15 | 24 | 21 | |
| D23 | 70/09/10 | 1510 | 9.1 | 14 | 18 | 14 | |
| D24 | 70/09/09 | 1400 | 4.4 | 9.1 | 21 | 14 | |
| D25 | 70/09/10 | 1545 | 4.6 | 8.4 | 26 | 16 | |
| C3 | 70/09/09 | 1230 | 3.1 | 7.4 | 20 | 33 | |
| C10 | 70/09/10 | 0910 | 71 | 167 | 228 | 167 | |

## ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hr | 48 hr | 72 hr | 96 hr | 120 hr |
| D6 C | 70/10/07 | 1045 | 28 | 53 | 59 | 47 | 34 | -- |
| D6 N | | | 28 | 55 | 106 | 152 | 118 | 106 |
| D6 P | | | 28 | 51 | 58 | 45 | 35 | -- |
| D6 NP | | | 28 | 55 | 99 | 182 | 198 | 220 |
| D7 C | 70/10/07 | 1000 | 42 | 91 | 76 | 61 | 45 | -- |
| D7 N | | | 42 | 91 | 152 | 213 | 186 | 133 |
| D7 P | | | 42 | 73 | 76 | 69 | 48 | -- |
| D7 NP | | | 42 | 76 | 122 | 243 | 263 | 232 |
| D10 C | 70/10/07 | 1200 | 15 | 33 | 32 | 33 | 21 | -- |
| D10 N | | | 15 | 31 | 40 | 122 | 92 | 82 |
| D10 P | | | 15 | 32 | 31 | 32 | 21 | -- |
| D10 NP | | | 15 | 31 | 41 | 137 | 175 | 148 |
| D12 C | 70/10/07 | 1230 | 19 | 27 | 15 | 17 | 11 | -- |
| D12 N | | | 19 | 30 | 45 | 73 | 43 | 49 |
| D12 P | | | 19 | 25 | 14 | 17 | 11 | -- |
| D12 NP | | | 19 | 33 | 59 | 167 | 160 | 116 |
| D14A C | 70/10/07 | 1305 | 15 | 29 | 17 | 18 | 14 | -- |
| D14A N | | | 19 | 32 | 47 | 91 | 71 | 60 |
| D14A P | | | 19 | 25 | 15 | 17 | 11 | -- |
| D14A NP | | | 19 | 29 | 50 | 137 | 64 | 116 |
| D15 C | 70/10/07 | 1350 | 12 | 20 | 13 | 11 | 9.9 | -- |
| D15 N | | | 12 | 20 | 25 | 48 | 54 | 55 |
| D15 P | | | 12 | 20 | 14 | 12 | 11 | -- |
| D15 NP | | | 12 | 22 | 26 | 68 | 48 | 52 |
| D18 C | 70/10/07 | 1525 | 6.9 | 17 | 24 | 23 | 11 | -- |
| D18 N | | | 6.9 | 16 | 24 | 71 | 59 | 62 |
| D18 P | | | 6.9 | 19 | 21 | 21 | 11 | -- |
| D18 NP | | | 6.9 | 18 | 26 | 74 | 106 | 201 |
| D24 C | 70/10/08 | 1410 | 3.6 | 11 | 14 | 27 | 13 | -- |
| D24 N | | | 3.6 | 11 | 17 | 42 | 76 | 40 |

C=Control N=Sample spiked with 1.0 mg/l $NO_3$ (N) P=Sample spiked with 0.2 mg/l $PO_4$ (P)

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a µg/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hr | 48 hr | 72 hr | 96 hr | 120 hr |
| D6 | 70/11/20 | 1035 | 4.8 | 11 | 60 | 38 | -- | |
| D7 | 70/11/20 | 1000 | 9.9 | 24 | 55 | 35 | -- | |
| D10 | 70/11/20 | 1130 | 8.4 | 17 | 40 | 18 | -- | |
| D11 | 70/11/20 | 1240 | 7.4 | 20 | 34 | 12 | -- | |
| D12 | 70/11/20 | 1205 | 7.3 | 23 | 42 | 18 | -- | |
| D13 | 70/11/20 | 1315 | 9.9 | 27 | 29 | 12 | -- | |
| D14A | 70/11/23 | 1210 | 5.7 | 15 | 24 | 23 | -- | |
| D15 | 70/11/23 | 1245 | 9.1 | 17 | 24 | 21 | -- | |
| D18 | 70/11/23 | 1340 | 3.1 | 7.6 | 25 | 44 | 30 | |
| D19 | 70/11/23 | 1315 | 7.2 | 15 | 39 | 29 | -- | |
| D24 | 70/11/23 | 1450 | 1.1 | 3.8 | 21 | 26 | 22 | |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a ug/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D6 | 71/08/31 | 1245 | 29 | 44 | 51 | 29 | -- | Thalassiosira, Coscinodiscus |
| D7 | 71/08/31 | 1200 | 35 | 38 | 31 | 25 | -- | Cyclotella, Coscinodiscus |
| D9 | 71/08/31 | 1400 | 35 | 34 | 22 | 18 | -- | Cyclotella, Melosira |
| D10 | 71/08/31 | 1430 | 30 | 31 | 18 | 13 | -- | Cyclotella, Melosira |
| D11 | 71/08/31 | 1520 | 25 | 20 | 16 | 11 | -- | Melosira, Cyclotella |
| D12 C | 71/09/01 | 1540 | 28 | 25 | 19 | 15 | -- | Melosira, Cyclotella |
| D12 N | -- | -- | 28 | 40 | 46 | 36 | -- | Melosira, Cyclotella |
| D12 NN | -- | -- | 28 | 40 | 96 | 88 | 56 | Melosira, Cyclotella |
| D12 NNP | -- | -- | 28 | 40 | 95 | 76 | 53 | Melosira, Cyclotella |
| D13 C | 71/09/01 | 1600 | 21 | 18 | 11 | 11 | -- | Melosira, Cyclotella |
| D13 N | -- | -- | 21 | 31 | 41 | 30 | -- | Melosira, Cyclotella |
| D13 NN | -- | -- | 21 | 32 | 71 | 72 | 55 | Melosira, Cyclotella |
| D13 NNP | -- | -- | 21 | 24 | 77 | 71 | 54 | Melosira, Cyclotella |
| D14A C | 71/09/01 | 1620 | 24 | 28 | 12 | 11 | -- | Melosira, Cyclotella |
| D14A N | -- | -- | 24 | 30 | 42 | 31 | -- | Melosira, Cyclotella |
| D14A NN | -- | -- | 24 | 30 | 70 | 70 | 50 | Melosira, Cyclotella |
| D14A NNP | -- | -- | 24 | 31 | 74 | 68 | 55 | Melosira, Cyclotella |
| D15 C | 71/09/01 | 1645 | 25 | 15 | 14 | 11 | -- | Melosira, Cyclotella |
| D15 N | -- | -- | 25 | 31 | 43 | 29 | -- | Melosira, Cyclotella |
| D15 NN | -- | -- | 25 | 29 | 72 | 71 | 53 | Melosira, Cyclotella |
| D15 NNP | -- | -- | 25 | 36 | 68 | 66 | 58 | Melosira, Cyclotella |
| D19 | 71/09/01 | 1735 | 25 | 18 | 14 | 13 | -- | Melosira, Cyclotella |
| D24 | 71/08/31 | 1625 | 6.8 | 10 | 21 | 13 | -- | Small Pennate Diatoms, small Chlorococcales, Cyclotella |
| D26 | 71/09/01 | 1800 | 19 | 24 | 16 | 12 | -- | Melosira, Cyclotella |

C = Control; N = Sample spiked with 0.2 mg/l $NO_3$ (N); NN = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | $NO_3 + NO_2$ (N) Values mg/l | | | |
|---|---|---|---|---|---|---|
| Site | Date | Time | Initial* | 24 hour | 48 hour | 72 hour |
| D6 | 71/08/31 | 1245 | 0.15 | 0.09 | <0.02 | -- |
| D7 | 71/08/31 | 1200 | 0.06 | <0.02 | -- | -- |
| D9 | 71/08/31 | 1400 | 0.06 | <0.02 | -- | -- |
| D10 | 71/08/31 | 1430 | 0.06 | <0.02 | -- | -- |
| D11 | 71/08/31 | 1520 | 0.02 | <0.02 | -- | -- |
| D12 C | 71/09/01 | 1540 | 0.02 | <0.02 | -- | -- |
| D12 N | -- | -- | 0.22 | 0.10 | <0.02 | -- |
| D12 NN | -- | -- | 0.52 | 0.44 | 0.09 | <0.02 |
| D12 NNP | -- | -- | 0.52 | 0.42 | 0.04 | <0.02 |
| D13 C | 71/09/01 | 1600 | 0.01 | <0.02 | -- | -- |
| D13 N | -- | -- | 0.21 | 0.10 | <0.02 | -- |
| D13 NN | -- | -- | 0.51 | 0.37 | 0.10 | <0.02 |
| D13 NNP | -- | -- | 0.51 | 0.37 | 0.06 | <0.02 |
| D14A C | 71/09/01 | 1620 | <0.01 | <0.02 | -- | -- |
| D14A N | -- | -- | 0.20 | 0.10 | <0.02 | -- |
| D14A NN | -- | -- | 0.50 | 0.40 | 0.12 | <0.02 |
| D14A NNP | -- | -- | 0.50 | 0.40 | 0.09 | <0.02 |
| D15 C | 71/09/01 | 1645 | 0.02 | <0.02 | -- | -- |
| D15 N | -- | -- | 0.22 | 0.10 | <0.02 | -- |
| D15 NN | -- | -- | 0.52 | 0.40 | 0.14 | <0.02 |
| D15 NNP | -- | -- | 0.52 | 0.42 | 0.13 | <0.02 |
| D19 | 71/09/01 | 1735 | <0.01 | <0.02 | -- | -- |
| D24 | 71/08/31 | 1625 | 0.08 | 0.08 | <0.02 | -- |
| D26 | 71/09/01 | 1800 | 0.07 | <0.02 | -- | -- |

C = Control; N = Sample spiked with 0.2 mg/l $NO_3$ (N); NN = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

* Initial reading considered same as field measurement at time of collection with spikes.

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a ug/l | | | | | |
|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D6 | 71/09/28 | 1050 | 12 | 32 | 42 | 31 | -- | Coscinodiscus |
| D7 | 71/09/28 | 0950 | 24 | 32 | 23 | 18 | -- | Melosira, Coscinodiscus |
| D9 | 71/09/28 | 1200 | 19 | 28 | 24 | 15 | -- | Melosira |
| D10 | 71/09/28 | 1230 | 23 | 24 | 20 | 13 | -- | Melosira |
| D11 | 71/09/28 | 1320 | 23 | 28 | 20 | 16 | -- | Melosira |
| D12 C | 71/09/29 | 1340 | 26 | 30 | 20 | 17 | -- | Melosira |
| D12 N | -- | -- | 26 | 47 | 55 | 44 | -- | Melosira |
| D12 NN | -- | -- | 26 | 50 | 95 | 94 | 89 | Melosira |
| D12 P | -- | -- | 26 | 26 | 20 | 16 | -- | Melosira |
| D12 NNP | -- | -- | 26 | 45 | 106 | 88 | 81 | |
| D13 C | 71/09/29 | 1405 | 25 | 20 | 20 | 15 | -- | Melosira |
| D13 N | -- | -- | 25 | 40 | 46 | 36 | -- | Melosira |
| D13 NN | -- | -- | 25 | 46 | 86 | 84 | 86 | Melosira |
| D13 NNP | -- | -- | 25 | 40 | 81 | 74 | 80 | Melosira |
| D14A C | 71/09/29 | 1430 | 28 | 26 | 19 | 15 | -- | Melosira |
| D14A N | -- | -- | 28 | 50 | 47 | 38 | -- | Melosira |
| D14A NN | -- | -- | 28 | 52 | 82 | 78 | 74 | Melosira |
| D14A NNP | -- | -- | 28 | 48 | 84 | 80 | 64 | Melosira |
| D15 C | 71/09/29 | 1455 | 27 | 24 | 18 | 16 | -- | Melosira |
| D15 N | -- | -- | 27 | 45 | 47 | 38 | -- | Melosira |
| D15 NN | -- | -- | 27 | 44 | 72 | 86 | 78 | Melosira |
| D15 NNP | -- | -- | 27 | 40 | 74 | 78 | 68 | Melosira |
| D19 | 71/09/29 | 1550 | 29 | 24 | 18 | 15 | -- | Melosira |
| D24 | 71/09/28 | 1420 | 3.4 | 8.3 | 18 | 12 | -- | Melosira |
| D26 | 71/09/29 | 1620 | 16 | 28 | 13 | 14 | -- | Melosira |

C = Control; N = Sample spiked with 0.2 mg/l $NO_3$ (N); NN = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | $NO_3 + NO_2$ (N) Values mg/l | | | | Ortho $PO_4$ (P) Values mg/l | | | | Dissolved $SiO_2$ Values mg/l | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | Initial | 24 hour | 48 hour | 72 hour | Initial | 24 hour | 48 hour | 72 hour |
| D6 | 71/09/28 | 1050 | 0.14 | 0.10 | <0.01 | <0.01 | 0.09 | 0.07 | 0.04 | 0.02 | 10.1 | 10.0 | 7.8 | 7.2 |
| D7 | 71/09/28 | 0950 | 0.07 | <0.01 | <0.01 | <0.01 | 0.07 | 0.05 | 0.03 | 0.02 | 13.3 | 13.0 | 12.0 | 11.9 |
| D9 | 71/09/28 | 1200 | 0.07 | <0.01 | <0.01 | <0.01 | 0.06 | 0.04 | 0.02 | 0.01 | 13.7 | 13.2 | 12.7 | 11.3 |
| D10 | 71/09/28 | 1230 | 0.07 | <0.01 | <0.01 | <0.01 | 0.05 | 0.04 | 0.02 | 0.01 | 13.6 | 13.2 | 11.9 | 11.5 |
| D11 | 71/09/28 | 1320 | 0.02 | <0.01 | <0.01 | <0.01 | 0.04 | 0.03 | 0.02 | 0.01 | 12.2 | 11.2 | 10.4 | 10.0 |
| D12 C | 71/09/29 | 1340 | 0.01 | <0.01 | <0.01 | <0.01 | 0.05 | 0.03 | 0.02 | 0.01 | 12.0 | 11.0 | 10.0 | 9.7 |
| D12 N | -- | -- | 0.21 | 0.08 | <0.01 | <0.01 | 0.05 | 0.03 | 0.01 | <0.01 | 12.0 | 10.9 | 7.6 | 5.4 |
| D12 NN | -- | -- | 0.51 | 0.36 | 0.10 | <0.01 | 0.05 | 0.03 | 0.01 | <0.01 | 12.0 | 10.9 | 7.4 | 3.4 |
| D12 P | -- | -- | 0.01 | <0.01 | <0.01 | <0.01 | 0.13 | 0.11 | 0.09 | 0.08 | 11.9 | 10.9 | 10.1 | 9.7 |
| D12 NNP | -- | -- | 0.50 | 0.35 | 0.06 | <0.01 | 0.14 | 0.11 | 0.05 | 0.01 | 11.9 | 10.9 | 7.4 | 3.0 |
| D13 C | 71/09/29 | 1405 | <0.01 | <0.01 | <0.01 | <0.01 | 0.03 | 0.03 | 0.02 | 0.01 | 10.9 | 10.2 | 9.4 | 9.0 |
| D13 N | -- | -- | 0.20 | 0.06 | <0.01 | <0.01 | 0.03 | 0.02 | <0.01 | <0.01 | 10.8 | 9.8 | 6.5 | 4.1 |
| D13 NN | -- | -- | 0.50 | 0.34 | 0.11 | <0.01 | 0.03 | 0.02 | <0.01 | <0.01 | 10.8 | 9.9 | 6.4 | 2.6 |
| D13 NNP | -- | -- | 0.50 | 0.34 | 0.10 | <0.01 | 0.12 | 0.10 | 0.05 | 0.01 | 10.8 | 9.8 | 6.0 | 2.0 |
| D14A C | 71/09/29 | 1430 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | 0.03 | 0.02 | 0.01 | 11.2 | 10.1 | 9.7 | 9.6 |
| D14A N | -- | -- | 0.20 | 0.04 | <0.01 | <0.01 | 0.04 | 0.02 | <0.01 | <0.01 | 11.3 | 9.6 | 7.5 | 5.5 |
| D14A NN | -- | -- | 0.50 | 0.31 | 0.10 | <0.01 | 0.04 | 0.02 | <0.01 | <0.01 | 11.2 | 9.4 | 6.7 | 3.5 |
| D14A NNP | -- | -- | 0.48 | 0.32 | 0.06 | <0.01 | 0.12 | 0.10 | 0.05 | 0.02 | 11.1 | 9.6 | 6.4 | 3.3 |
| D15 C | 71/09/29 | 1455 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | 0.03 | 0.02 | 0.01 | 12.7 | 11.4 | 10.9 | 10.4 |
| D15 N | -- | -- | 0.20 | 0.06 | <0.01 | <0.01 | 0.04 | 0.02 | <0.01 | <0.01 | 12.7 | 11.0 | 7.6 | 5.6 |
| D15 NN | -- | -- | 0.50 | 0.33 | 0.14 | <0.01 | 0.04 | 0.02 | <0.01 | <0.01 | 12.7 | 11.0 | 7.8 | 3.7 |
| D15 NNP | -- | -- | 0.50 | 0.36 | 0.12 | <0.01 | 0.12 | 0.10 | 0.06 | 0.01 | 12.6 | 11.0 | 7.0 | 3.0 |
| D19 | 71/09/29 | 1550 | <0.01 | <0.01 | <0.01 | <0.01 | 0.05 | 0.03 | 0.02 | 0.02 | 11.8 | 10.6 | 10.1 | 9.9 |
| D24 | 71/09/28 | 1420 | 0.09 | 0.08 | <0.01 | <0.01 | 0.06 | 0.05 | 0.03 | 0.02 | 17.2 | 17.6 | 17.6 | 17.2 |
| D26 | 71/09/29 | 1620 | 0.08 | 0.01 | <0.01 | <0.01 | 0.05 | 0.04 | 0.02 | 0.01 | 15.4 | 14.8 | 13.4 | 12.8 |

C = Control; N = Sample spiked with 0.2 mg/l $NO_3$ (N); NN = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a ug/1 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | 120 hour | Dominant Genera |
| D6 | 71/10/26 | 1045 | 3.7 | 5.2 | 23 | 61 | 37 | 30 | Thalassiosira |
| D7 | 71/10/26 | 1005 | 14 | 27 | 55 | 43 | 30 | -- | Coscinodiscus |
| D9 | 71/10/26 | 1155 | 17 | 40 | 35 | 22 | 16 | -- | Melosira, Cyclotella |
| D10 | 71/10/26 | 1225 | 18 | 36 | 35 | 22 | 15 | -- | Melosira |
| D11 | 71/10/26 | 1310 | 26 | 36 | 23 | 20 | 17 | -- | Melosira |
| D12 C | 71/10/27 | 1250 | 24 | 41 | 31 | 20 | 15 | 16 | Melosira |
| D12 N | -- | -- | 24 | 48 | 72 | 44 | 37 | 32 | Melosira |
| D12 NN | -- | -- | 24 | 48 | 98 | 102 | 78 | 75 | Melosira |
| D12 NNP | -- | -- | 24 | 44 | 102 | 94 | 69 | 66 | Melosira |
| D13 C | 71/10/27 | 1310 | 30 | 31 | 26 | 19 | 16 | 15 | Melosira |
| D13 N | -- | -- | 30 | 54 | 58 | 37 | 28 | 26 | Melosira |
| D13 NN | -- | -- | 30 | 55 | 100 | 90 | 75 | 70 | Melosira |
| D13 NNP | -- | -- | 30 | 59 | 102 | 90 | 68 | 68 | Melosira |
| D14A C | 71/10/27 | 1330 | 32 | 42 | 29 | 16 | 19 | 17 | Melosira |
| D14A N | -- | -- | 32 | 53 | 62 | 39 | 33 | 32 | Melosira |
| D14A NN | -- | -- | 32 | 56 | 85 | 87 | 96 | 93 | Melosira |
| D14A NNP | -- | -- | 32 | 53 | 91 | 93 | 79 | 68 | Melosira |
| D15 C | 71/10/27 | 1355 | 30 | 38 | 31 | 20 | 17 | 13 | Melosira |
| D15 N | -- | -- | 30 | 51 | 71 | 41 | 34 | 26 | Melosira |
| D15 NN | -- | -- | 30 | 56 | 87 | 92 | 75 | 94 | Melosira |
| D15 NNP | -- | -- | 30 | 54 | 92 | 93 | 73 | 69 | Melosira |
| D19 | 71/10/27 | 1455 | 29 | 41 | 35 | 19 | 17 | -- | Melosira |
| D26 | 71/10/27 | 1525 | 15 | 25 | 42 | 30 | 24 | -- | Melosira |

C = Control; N = Sample spiked with 0.2 mg/1 $NO_3$(N); NN = Sample spiked with 0.5 mg/1 $NO_3$(N) and P = Sample spiked with 0.1 mg/1 $PO_4$(P).

## ALGAL GROWTH POTENTIAL

| Collection Data | | | $NO_3 + NO_2$ (N) Values mg/l | | | | | Ortho $PO_4$ (P) Values mg/l | | | | | Dissolved $SiO_2$ Values mg/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Initial | 24 hour | 48 hour | 72 hour | 96 hour | 120 hour |
| D6 | 71/10/26 | 1045 | 0.23 | 0.23 | 0.20 | <0.01 | <0.01 | 0.10 | 0.10 | 0.08 | 0.04 | 0.04 | 9.4 | 9.8 | 9.2 | 6.6 | 5.3 | 5.2 |
| D7 | 71/10/26 | 1005 | 0.17 | 0.15 | <0.01 | <0.01 | <0.01 | 0.06 | 0.06 | 0.02 | 0.01 | 0.02 | 12.4 | 12.4 | 10.8 | 10.7 | 10.7 | -- |
| D8 | 71/10/26 | 1155 | 0.12 | 0.04 | <0.01 | <0.01 | <0.01 | 0.06 | 0.04 | 0.02 | 0.01 | 0.02 | 13.6 | 12.7 | 11.3 | 11.1 | 11.2 | -- |
| D10 | 71/10/26 | 1225 | 0.13 | 0.05 | <0.01 | <0.01 | <0.01 | 0.06 | 0.04 | 0.02 | 0.01 | 0.02 | 13.8 | 13.0 | 11.2 | 11.1 | 11.2 | -- |
| D11 | 71/10/26 | 1310 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 13.3 | 12.2 | 10.6 | 10.1 | 9.8 | -- |
| D12 C | 71/10/27 | 1250 | 0.09 | 0.01 | <0.01 | <0.01 | <0.01 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 14.0 | 12.4 | 11.0 | 10.6 | 10.5 | 10.6 |
| D12 N | -- | -- | 0.29 | 0.17 | <0.01 | <0.01 | <0.01 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 14.0 | 12.4 | 9.1 | 7.6 | 7.2 | 7.2 |
| D12 NN | -- | -- | 0.58 | 0.46 | 0.16 | <0.01 | <0.01 | 0.04 | 0.03 | <0.01 | <0.01 | <0.01 | 14.0 | 12.3 | 8.8 | 5.4 | 2.8 | 1.9 |
| D12 NNP | -- | -- | 0.58 | 0.46 | 0.15 | <0.01 | <0.01 | 0.13 | 0.11 | 0.06 | 0.02 | 0.01 | 13.8 | 12.1 | 8.5 | 4.9 | 2.6 | 1.7 |
| D13 C | 71/10/27 | 1310 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 12.4 | 10.8 | 9.6 | 9.2 | 9.2 | 9.2 |
| D13 N | -- | -- | 0.24 | 0.08 | <0.01 | <0.01 | <0.01 | 0.04 | 0.01 | <0.01 | <0.01 | <0.01 | 12.4 | 10.4 | 6.9 | 5.5 | 5.2 | 5.2 |
| D13 NN | -- | -- | 0.54 | 0.34 | 0.11 | <0.01 | <0.01 | 0.04 | 0.01 | <0.01 | <0.01 | <0.01 | 12.4 | 10.4 | 6.4 | 2.9 | 1.1 | 0.7 |
| D13 NNP | -- | -- | 0.54 | 0.37 | 0.10 | <0.01 | <0.01 | 0.13 | 0.09 | 0.04 | 0.01 | <0.01 | 12.3 | 10.4 | 6.6 | 2.8 | 1.0 | 0.6 |
| D14A C | 71/10/27 | 1330 | 0.08 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 13.0 | 11.5 | 9.8 | 9.4 | 9.3 | 9.2 |
| D14A N | -- | -- | 0.28 | 0.13 | <0.01 | <0.01 | <0.01 | 0.04 | 0.02 | 0.01 | <0.01 | <0.01 | 13.0 | 11.4 | 7.4 | 5.8 | 5.0 | 4.6 |
| D14A NN | -- | -- | 0.58 | 0.40 | 0.18 | <0.01 | <0.01 | 0.04 | 0.02 | 0.01 | <0.01 | <0.01 | 13.0 | 11.0 | 7.2 | 3.1 | 0.8 | 0.3 |
| D14A NNP | -- | -- | 0.58 | 0.40 | 0.14 | <0.01 | <0.01 | 0.13 | 0.10 | 0.06 | 0.02 | <0.01 | 13.0 | 11.2 | 7.0 | 3.0 | 0.8 | 0.4 |
| D15 C | 71/10/27 | 1355 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 12.9 | 11.1 | 9.4 | 8.9 | 8.9 | 8.8 |
| D15 N | -- | -- | 0.27 | 0.13 | 0.01 | <0.01 | <0.01 | 0.04 | 0.02 | 0.01 | <0.01 | <0.01 | 13.0 | 11.2 | 7.2 | 5.0 | 4.2 | 4.0 |
| D15 NN | -- | -- | 0.57 | 0.42 | 0.20 | 0.02 | <0.01 | 0.04 | 0.02 | <0.01 | <0.01 | <0.01 | 12.9 | 11.0 | 6.9 | 3.1 | 0.8 | 0.4 |
| D15 NNP | -- | -- | 0.57 | 0.42 | 0.18 | <0.01 | <0.01 | 0.13 | 0.10 | 0.06 | 0.02 | <0.01 | 12.8 | 11.0 | 6.8 | 2.8 | 0.7 | 0.3 |
| D19 | 71/10/27 | 1455 | 0.12 | <0.02 | <0.01 | <0.01 | <0.01 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 14.2 | 12.6 | 10.4 | 10.0 | 9.6 | -- |
| D26 | 71/10/27 | 1525 | 0.21 | 0.17 | 0.02 | <0.01 | <0.01 | 0.06 | 0.05 | 0.03 | 0.01 | 0.01 | 16.8 | 16.2 | 13.8 | 12.4 | 11.6 | -- |

C = Control; N = Sample spiked with 0.2 mg/l $NO_3$ (N); NN = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | | Chlorophyll a ug/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Site | | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D40 | C | 72/08/07 | 1330 | 5.4 | 16 | 11 | 9.5 | 9.2 | Flagellates, Synedra |
| | | | | 5.4 | 14 | 12 | 10 | 11 | |
| D40 | N | | | 5.2 | 20 | 33 | 94 | 79 | Flagellates, Skeletonema |
| | | | | 5.4 | 21 | 33 | 83 | 74 | |
| D40 | P | | | 5.2 | 16 | 13 | 12 | 11 | Flagellates, Skeletonema, Synedra, Chaetoceros |
| | | | | 5.2 | 17 | 14 | 12 | 11 | |
| D41 | C | 72/08/07 | 1410 | 3.1 | 9.0 | 25 | 29 | 27 | Skeletonema, Chaetoceros, Synedra |
| | | | | 2.9 | 8.5 | 36 | 27 | 24 | |
| D41 | N | | | 3.5 | 8.5 | 52 | 116 | 99 | Skeletonema, Synedra, Cyclotella, Chaetoceros |
| | | | | 3.0 | 8.8 | 54 | 108 | 101 | |
| D41 | P | | | 3.4 | 8.1 | 34 | 26 | 21 | Skeletonema, Synedra, Cyclotella |
| | | | | 3.3 | 9.7 | 34 | 26 | 24 | |
| D42 | C | 72/08/07 | 1435 | 2.7 | 7.4 | | 28 | 21 | Skeletonema, Cyclotella, Synedra |
| | | | | 2.6 | 6.7 | 15 | 31 | 19 | |
| D42 | N | | | 2.4 | 6.7 | 47 | 125 | 79 | Skeletonema, Cyclotella, Synedra |
| | | | | 2.4 | 6.7 | 56 | 128 | 85 | |
| D42 | P | | | 2.4 | 6.5 | 16 | 31 | 24 | Skeletonema, Cyclotella, Synedra |
| | | | | 2.4 | 6.5 | 14 | 30 | 20 | |

C = Control; N = Sample Spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | | Chlorophyll a ug/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Site | | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D6 | C | 72/08/21 | 1550 | 6.8 | 9.4 | 21 | 14 | -- | Skeletonema, Synedra |
| | | | | 6.5 | 9.4 | 21 | 9.9 | | |
| D6 | N | | | 6.5 | 9.4 | 86 | 74 | 42 | Skeletonema, Synedra, Ankistrodesmus, Cheatoceros |
| | | | | 6.4 | 9.4 | 87 | 77 | 43 | |
| D6 | P | | | 5.9 | 9.4 | 20 | 13 | | Skeletonema, Synedra |
| | | | | 6.2 | 8.6 | 20 | 13 | | |
| D6 | NP | | | 6.1 | 9.0 | 73 | 74 | 44 | Skeletonema, Synedra, Ankistrodesmus |
| | | | | 5.8 | 9.4 | 86 | 71 | 30 | |
| D7 | C | 72/08/21 | 1500 | 62 | 59 | 45 | 40 | | Coscinodiscus, Synedra, Skeletonema |
| | | | | 64 | 55 | 44 | 37 | | |
| D7 | N | | | 62 | 110 | 140 | 140 | 120 | Coscinodiscus, Synedra, Skeletonema |
| | | | | 60 | 110 | 140 | 140 | 120 | |
| D7 | P | | | 59 | 57 | 43 | 39 | | Coscinodiscus, Synedra, Ankistrodesmus |
| | | | | 69 | 62 | 45 | 42 | | |
| D7 | NP | | | 66 | 110 | 130 | 130 | 120 | Coscinodiscus, Skeletonema, Synedro, Ankistrodesmus |
| | | | | 55 | 100 | 130 | 120 | 110 | |
| D9 | C | 72/08/21 | 1655 | 38 | 30 | 22 | 20 | | Coscinodiscus, Synedra, Ankistrodesmus |
| | | | | 40 | 33 | 24 | 22 | | |
| D9 | N | | | 42 | 52 | 110 | 82 | 60 | Synedra, Skeletonema, Coscinodiscus |
| | | | | 44 | 53 | 110 | 88 | 62 | |
| D9 | P | | | 39 | 32 | 24 | 21 | | Coscinodiscus, Synedra, Ankistrodesmus |
| | | | | 38 | 32 | 24 | 23 | | |
| D9 | NP | | | 40 | 54 | 120 | 100 | 68 | Skeletonema, Coscinodiscus, Synedra, Chaetoceros |
| | | | | 40 | 53 | 110 | 92 | 62 | |
| D10 | C | 72/08/21 | 1715 | 28 | 23 | 18 | 15 | | Coscinodiscus, Ankistrodesmus, Synedra |
| | | | | 29 | 22 | 18 | 17 | | |
| D10 | N | | | 28 | 40 | 82 | 88 | 62 | Skeletonema, Coscinodiscus, Synedra, Chaetoceros |
| | | | | 30 | 40 | 84 | 84 | 55 | |
| D10 | P | | | 28 | 22 | 17 | 16 | | Coscinodiscus, Synedra |
| | | | | 26 | 22 | 18 | 15 | | |
| D10 | NP | | | 29 | 39 | 88 | 76 | 50 | Skeletonema, Coscinodiscus, Synedra, Ankistrodesmus |
| | | | | 32 | 39 | 92 | 82 | 58 | |

C = Control; N = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | | $NO_3 + NO_2$ (N) Values mg/l | | | | Ortho $PO_4$ (P) Values mg/l | | | | | Dissolved $SiO_2$ Values mg/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | | Date | Time | Initial | 24 hour | 48 hour | 72 hour | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Initial | 24 hour | 48 hour | 72 hour | 96 hour | 120 hour |
| D6 | C | 72/08/21 | 1550 | 0.10 | 0.09 | 0.01 | <0.01 | 0.06 | 0.05 | 0.03 | 0.02 | 0.01 | 1.6 | 1.6 | 0.95 | 0.75 | 0.60 | 0.55 |
| | | | | 0.10 | 0.09 | 0.01 | <0.01 | 0.06 | 0.05 | 0.03 | 0.03 | 0.03 | 1.6 | 1.8 | 1.00 | 0.95 | 1.10 | 1.20 |
| D6 | N | | | 0.59 | 0.56 | 0.09 | <0.01 | 0.07 | 0.05 | 0.02 | 0.02 | 0.01 | 1.4 | 1.4 | 0.35 | 0.10 | 0.10 | 0.15 |
| | | | | 0.61 | 0.58 | 0.10 | <0.01 | 0.07 | 0.05 | 0.02 | 0.02 | 0.01 | 1.4 | 1.4 | 0.35 | 0.10 | 0.10 | 0.15 |
| D6 | P | | | 0.10 | 0.10 | 0.01 | <0.01 | 0.15 | 0.14 | 0.11 | 0.11 | 0.09 | 1.6 | 1.6 | 0.95 | 0.75 | 0.70 | 0.65 |
| | | | | 0.10 | 0.10 | 0.01 | <0.01 | 0.15 | 0.14 | 0.11 | 0.11 | 0.09 | 1.6 | 1.6 | 1.00 | 0.70 | 0.50 | 0.45 |
| D6 | NP | | | 0.60 | 0.57 | 0.12 | <0.01 | 0.15 | 0.14 | 0.07 | 0.03 | 0.02 | 1.6 | 1.6 | 0.85 | 0.10 | 0.10 | 0.20 |
| | | | | 0.60 | 0.57 | 0.08 | <0.01 | 0.15 | 0.14 | 0.06 | 0.03 | 0.02 | 1.4 | 1.4 | 0.40 | 0.10 | 0.10 | 0.30 |
| D7 | C | 72/08/21 | 1500 | <0.01 | <0.01 | <0.01 | <0.01 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 2.0 | 1.2 | 0.55 | 0.30 | 0.20 | 0.15 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 2.0 | 1.2 | 0.55 | 0.25 | 0.15 | 0.15 |
| D7 | N | | | 0.49 | 0.18 | 0.01 | <0.01 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 2.0 | 0.8 | 0.30 | 0.05 | 0.05 | 0.05 |
| | | | | 0.49 | 0.19 | <0.01 | <0.01 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 2.0 | 1.0 | 0.10 | 0.05 | 0.05 | 0.05 |
| D7 | P | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.12 | 0.10 | 0.06 | 0.05 | 0.03 | 2.0 | 1.2 | 0.50 | 0.25 | 0.10 | 0.10 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.12 | 0.10 | 0.06 | 0.05 | 0.03 | 2.0 | 1.2 | 0.40 | 0.20 | 0.10 | 0.10 |
| D7 | NP | | | 0.48 | 0.20 | <0.01 | <0.01 | 0.12 | 0.07 | 0.03 | 0.01 | 0.01 | 2.0 | 0.8 | 0.10 | 0.05 | <0.05 | <0.05 |
| | | | | 0.49 | 0.20 | <0.01 | <0.01 | 0.12 | 0.07 | 0.03 | 0.01 | 0.01 | 2.0 | 1.0 | 0.10 | 0.05 | <0.05 | <0.05 |
| D9 | C | 72/08/21 | 1655 | <0.01 | <0.01 | <0.01 | <0.01 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 5.6 | 5.4 | 5.00 | 4.80 | 4.95 | 4.80 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.05 | 0.04 | 0.02 | 0.02 | 0.02 | 5.6 | 5.4 | 4.90 | 4.80 | 4.85 | 4.70 |
| D9 | N | | | 0.48 | 0.33 | <0.01 | <0.01 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 5.6 | 4.6 | 2.10 | 1.05 | 0.80 | 0.80 |
| | | | | 0.48 | 0.34 | <0.01 | <0.01 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 5.6 | 4.6 | 2.00 | 1.00 | 0.80 | 0.80 |
| D9 | P | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.13 | 0.12 | 0.11 | 0.11 | 0.09 | 5.6 | 5.4 | 4.85 | 4.75 | 4.85 | 4.70 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.13 | 0.12 | 0.11 | 0.12 | 0.09 | 5.6 | 5.4 | 5.00 | 4.90 | 4.95 | 4.80 |
| D9 | NP | | | 0.49 | 0.32 | <0.01 | <0.01 | 0.13 | 0.11 | 0.03 | 0.02 | 0.01 | 5.6 | 4.4 | 1.65 | 0.65 | 0.45 | 0.50 |
| | | | | 0.49 | 0.33 | <0.01 | <0.01 | 0.13 | 0.11 | 0.04 | 0.02 | 0.01 | 5.6 | 4.6 | 1.90 | 0.80 | 0.45 | 0.50 |
| D10 | C | 72/08/21 | 1715 | <0.01 | <0.01 | <0.01 | <0.01 | 0.05 | 0.04 | 0.03 | 0.03 | 0.03 | 6.2 | 6.0 | 5.80 | 5.80 | 5.80 | 5.80 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.05 | 0.05 | 0.03 | 0.03 | 0.03 | 6.2 | 6.0 | 5.80 | 5.80 | 5.80 | 5.80 |
| D10 | N | | | 0.50 | 0.36 | 0.04 | <0.01 | 0.05 | 0.04 | 0.01 | 0.02 | 0.01 | 6.2 | 5.2 | 3.40 | 1.80 | 1.50 | 1.60 |
| | | | | 0.50 | 0.36 | 0.04 | <0.01 | 0.05 | 0.04 | 0.01 | 0.02 | 0.01 | 6.2 | 5.2 | 3.40 | 1.80 | 1.70 | 1.80 |
| D10 | P | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.14 | 0.13 | 0.11 | 0.12 | 0.11 | 6.2 | 6.0 | 5.80 | 5.80 | 5.80 | 6.00 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.14 | 0.13 | 0.11 | 0.13 | 0.11 | 6.2 | 6.0 | 5.80 | 5.80 | 5.80 | 6.00 |
| D10 | NP | | | 0.50 | 0.36 | <0.01 | <0.01 | 0.14 | 0.12 | 0.05 | 0.02 | 0.02 | 6.2 | 5.2 | 3.20 | 1.60 | 1.40 | 1.60 |
| | | | | 0.50 | 0.36 | 0.01 | <0.01 | 0.14 | 0.12 | 0.05 | 0.02 | 0.02 | 6.2 | 5.0 | 3.00 | 1.40 | 1.10 | 1.20 |

C = Control; N = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | | Chlorophyll a ug/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Site | | Date | Time | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Dominant Genera |
| D12 | C | 72/08/22 | 1530 | 23 | 17 | 11 | 9.9 | -- | Melosira, Chaetoceros, Coscinodiscus, Ankistrodesmus |
| | | | | 24 | 17 | 12 | 11 | -- | |
| D12 | N | | | 23 | 36 | 81 | 62 | 37 | Melosira, Synedra, Coscinodiscus, Scenedesmus |
| | | | | 23 | 39 | 84 | 63 | 40 | |
| D12 | P | | | 24 | 17 | 12 | 10 | -- | Melosira, Synedra, Coscinodiscus, Scenedesmus |
| | | | | 23 | 17 | 12 | 10 | -- | |
| D14A | C | 72/08/22 | 1620 | 25 | 18 | 11 | 10 | -- | Melosira, Coscinodiscus, Cyclotella |
| | | | | 22 | 18 | 12 | 10 | -- | |
| D14A | N | | | 25 | 42 | 76 | 54 | 40 | Cyclotella, Melosira, Coscinodiscus, Actinastrum, Scenedesmus |
| | | | | 26 | 40 | 76 | 57 | 40 | |
| D14A | P | | | 26 | 18 | 12 | 9.4 | -- | Melosira, Coscinodiscus, Cyclotella |
| | | | | 26 | 19 | 12 | 9.4 | -- | |
| D14A | NP | | | 26 | 44 | 73 | 58 | 37 | Melosira, Cyclotella, Navicula, Coscinodiscus, Scenedesmus |
| | | | | 25 | 42 | 74 | 57 | 37 | |
| D19 | C | 72/08/22 | 1800 | 27 | 20 | 13 | 11 | -- | Coscinodiscus, Melosira |
| | | | | 26 | 21 | 14 | 12 | -- | |
| D19 | N | | | 25 | 45 | 77 | 62 | 47 | Melosira, Cyclotella, Coscinodiscus |
| | | | | 26 | 49 | 86 | 68 | 50 | |
| D19 | P | | | 26 | 20 | 14 | 12 | -- | Melosira, Coscinodiscus, Cyclotella |
| | | | | 26 | 21 | 14 | 11 | -- | |
| D24 | C | 72/08/21 | 1855 | 8 | 16 | 14 | 11 | -- | Melosira, Actinastrum, Navicula, Asterionella, Fragilaria |
| | | | | 10 | 18 | 15 | 11 | -- | |
| D24 | N | | | 11 | 18 | 54 | 76 | 60 | Melosira, Navicula, Fragilaria, Actinastrum |
| | | | | 11 | 20 | 54 | 81 | 53 | |
| D24 | P | | | 11 | 16 | 14 | 12 | -- | Fragilaria, Melosira, Synedra |
| | | | | 11 | 18 | 14 | 11 | -- | |
| D24 | NP | | | 11 | 20 | 54 | 79 | 55 | Actinastrum, Melosira, Fragilaria, Cyclotella, Synedra |
| | | | | 11 | 21 | 54 | 74 | 57 | |

C = Control; N = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

## ALGAL GROWTH POTENTIAL

| Collection Data | | | | $NO_3 + NO_2$ (N) Values mg/l | | | | Ortho $PO_4$ (P) Values mg/l | | | | | Dissolved $SiO_2$ Values mg/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | | Date | Time | Initial | 24 hour | 48 hour | 72 hour | Initial | 24 hour | 48 hour | 72 hour | 96 hour | Initial | 24 hour | 48 hour | 72 hour | 96 hour | 120 hour |
| D12 | C | 72/08/22 | 1530 | <0.01 | <0.01 | <0.01 | <0.01 | 0.06 | 0.06 | 0.05 | 0.04 | 0.04 | 12.0 | 12.0 | 11.80 | 12.00 | 12.00 | 12.00 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.06 | 0.06 | 0.05 | 0.05 | 0.04 | 12.0 | 12.0 | 12.00 | 12.00 | 12.00 | 12.00 |
| D12 | N | | | 0.49 | 0.33 | <0.01 | <0.01 | 0.06 | 0.05 | 0.02 | 0.02 | 0.02 | 12.0 | 11.6 | 9.60 | 9.00 | 9.20 | 9.40 |
| | | | | 0.50 | 0.33 | <0.01 | <0.01 | 0.06 | 0.05 | 0.02 | 0.02 | 0.02 | 12.0 | 11.6 | 9.60 | 9.20 | 9.20 | 9.40 |
| D12 | P | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.14 | 0.14 | 0.12 | 0.14 | 0.12 | 12.0 | 12.0 | 11.80 | 12.20 | 12.00 | 12.00 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.15 | 0.15 | 0.13 | 0.14 | 0.13 | 12.0 | 12.0 | 11.80 | 12.00 | 12.00 | 12.00 |
| D14A | C | 72/08/22 | 1620 | <0.01 | <0.01 | <0.01 | <0.01 | 0.06 | 0.06 | 0.04 | 0.05 | 0.03 | 13.0 | 13.0 | 12.80 | 13.20 | 13.00 | 13.00 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.06 | 0.06 | 0.04 | 0.04 | 0.03 | 13.0 | 13.0 | 12.80 | 13.00 | 13.00 | 13.00 |
| D14A | N | | | 0.48 | 0.30 | <0.01 | <0.01 | 0.06 | 0.04 | 0.02 | 0.02 | 0.01 | 13.0 | 12.4 | 10.20 | 9.50 | 9.20 | 9.60 |
| | | | | 0.49 | 0.30 | <0.01 | <0.01 | 0.06 | 0.04 | 0.02 | 0.02 | 0.01 | 13.0 | 12.6 | 10.20 | 9.60 | 9.40 | 9.60 |
| D14A | P | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.15 | 0.15 | 0.12 | 0.13 | 0.11 | 13.0 | 13.0 | 12.80 | 13.20 | 12.80 | 13.00 |
| | | | | <0.01 | <0.01 | <0.01 | <0.01 | 0.15 | 0.15 | 0.12 | 0.14 | 0.11 | 13.0 | 13.0 | 12.80 | 13.20 | 12.80 | 13.00 |
| D14A | NP | | | 0.49 | 0.29 | <0.01 | <0.01 | 0.15 | 0.13 | 0.05 | 0.02 | 0.01 | 13.2 | 12.4 | 10.00 | 9.20 | 9.00 | 9.20 |
| | | | | 0.49 | 0.30 | <0.01 | <0.01 | 0.15 | 0.12 | 0.05 | 0.02 | 0.01 | 13.2 | 12.4 | 10.00 | 9.20 | 9.00 | 9.20 |
| D19 | C | 72/08/22 | 1800 | 0.01 | <0.01 | <0.01 | <0.01 | 0.06 | 0.05 | 0.03 | 0.03 | 0.02 | 13.2 | 13.0 | 12.80 | 13.00 | 13.00 | 13.00 |
| | | | | 0.01 | <0.01 | <0.01 | <0.01 | 0.06 | 0.05 | 0.03 | 0.04 | 0.02 | 13.2 | 13.0 | 12.80 | 13.20 | 13.00 | 13.00 |
| D19 | N | | | 0.49 | 0.30 | <0.01 | <0.01 | 0.06 | 0.03 | 0.01 | 0.01 | 0.01 | 13.2 | 12.6 | 10.40 | 9.80 | 9.40 | 9.40 |
| | | | | 0.50 | 0.30 | <0.01 | <0.01 | 0.06 | 0.04 | 0.01 | 0.01 | 0.01 | 13.2 | 12.6 | 10.40 | 9.80 | 9.40 | 9.40 |
| D19 | P | | | 0.01 | <0.01 | <0.01 | <0.01 | 0.14 | 0.13 | 0.11 | 0.12 | 0.10 | 13.2 | 13.0 | 12.60 | 13.00 | 12.80 | 13.00 |
| | | | | 0.01 | <0.01 | <0.01 | <0.01 | 0.15 | 0.13 | 0.11 | 0.13 | 0.10 | 13.2 | 13.0 | 12.60 | 13.00 | 12.80 | 12.80 |
| D24 | C | 72/08/21 | 1855 | 0.10 | 0.02 | <0.01 | <0.01 | 0.07 | 0.06 | 0.03 | 0.03 | 0.02 | 16.4 | 16.2 | 15.40 | 15.40 | 15.20 | 15.20 |
| | | | | 0.10 | 0.02 | <0.01 | <0.01 | 0.07 | 0.06 | 0.03 | 0.03 | 0.02 | 16.4 | 16.2 | 15.40 | 15.40 | 15.20 | 15.20 |
| D24 | N | | | 0.58 | 0.49 | 0.30 | <0.01 | 0.07 | 0.05 | 0.02 | 0.01 | 0.01 | 16.4 | 16.2 | 14.40 | 11.60 | 10.20 | 10.00 |
| | | | | 0.59 | 0.49 | 0.29 | <0.01 | 0.07 | 0.06 | 0.02 | 0.01 | 0.01 | 16.4 | 16.2 | 14.40 | 11.60 | 10.20 | 10.00 |
| D24 | P | | | 0.10 | 0.02 | <0.01 | <0.01 | 0.16 | 0.15 | 0.12 | 0.12 | 0.11 | 16.4 | 16.2 | 15.20 | 15.20 | 15.00 | 15.00 |
| | | | | 0.10 | 0.02 | <0.01 | <0.01 | 0.16 | 0.15 | 0.12 | 0.13 | 0.11 | 16.4 | 16.2 | 15.20 | 15.40 | 15.00 | 15.00 |
| D24 | NP | | | 0.58 | 0.49 | 0.21 | <0.01 | 0.16 | 0.15 | 0.09 | 0.03 | 0.02 | 16.2 | 16.0 | 14.40 | 11.60 | 9.80 | 9.60 |
| | | | | 0.59 | 0.49 | 0.20 | <0.01 | 0.16 | 0.15 | 0.09 | 0.03 | 0.02 | 16.2 | 16.0 | 14.40 | 11.40 | 9.80 | 9.40 |

C = Control; N = Sample spiked with 0.5 mg/l $NO_3$ (N), and P = Sample spiked with 0.1 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | | Chlorophyll a ug/l | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Site | | Date | Time | Initial | 24 hour | 48 hour | 60 hour | 72 hour | 96 hour | Dominant Genera |
| D2 | C | 73/08/07 | 1440 | 40.0 | 32.4 | 21.6 | -- | 16.8 | -- | Skeletonema, Coscinodiscus |
| | | | | 40.0 | 31.2 | 21.2 | -- | 15.6 | -- | |
| D2 | N | | | 40.0 | 132 | 200 | 184 | 144 | 70.8 | Skeletonema, Coscinodiscus |
| | | | | 40.0 | 126 | 200 | 184 | 152 | 94.8 | |
| D2 | P | | | 40.0 | 22.4 | 19.2 | -- | 12.4 | -- | Skeletonema, Coscinodiscus |
| | | | | 40.0 | 23.6 | 18.0 | -- | 12.4 | -- | |
| D2 | NP | | | 40.0 | 85.2 | 168 | 168 | 128 | 60.0 | Skeletonema |
| | | | | 40.0 | 105.6 | 152 | 160 | 120 | 57.6 | |
| D2 | F | | | 0.37 | 3.64 | 2.10 | 1.30 | 1.30 | -- | Skeletonema |
| | | | | 0.37 | 1.80 | 1.50 | 1.65 | 0.95 | -- | |
| D2 | FNP | | | 0.37 | 4.34 | 45.6 | 144 | 104 | 34.8 | Skeletonema |
| | | | | 0.37 | 3.78 | 39.6 | 144 | 128 | 58.8 | |
| D6 | C | 73/08/07 | 1410 | 11.3 | 25.6 | 18.4 | -- | 15.6 | -- | Skeletonema |
| | | | | 11.3 | 26.0 | 16.8 | -- | 14.4 | -- | |
| D6 | N | | | 11.3 | 60.0 | 160 | 136 | 112 | 43.2 | Skeletonema |
| | | | | 11.3 | 57.6 | 152 | 136 | 112 | 43.2 | |
| D6 | P | | | 11.3 | 24.4 | 20.0 | -- | 11.2 | -- | Skeletonema |
| | | | | 11.3 | 28.8 | 21.2 | -- | 10.8 | -- | |
| D6 | NP | | | 11.3 | 80.4 | 168 | 112 | 64.0 | 31.2 | Skeletonema |
| | | | | 11.3 | 67.2 | 168 | 112 | 80.0 | 32.4 | |
| D6 | F | | | 0.37 | 6.30 | 26.4. | 20.0 | 12.4 | -- | Skeletonema |
| | | | | 0.37 | 7.00 | 27.6 | 18.8 | 12.0 | -- | |
| D6 | FNP | | | 0.37 | 4.76 | 60.0 | 152 | 112 | 39.6 | Skeletonema |
| | | | | 0.37 | 5.74 | 84.0 | 168 | 120 | 38.4 | |
| D10 | C | 73/08/07 | 1525 | 41.6 | 43.2 | 32.8 | -- | 26.8 | -- | Skeletonema, Coscinodiscus |
| | | | | 41.6 | 43.2 | 32.4 | -- | 26.0 | -- | |
| D10 | N | | | 41.6 | 94.8 | 208 | 192 | 160 | 72.0 | Skeletonema, Coscinodiscus |
| | | | | 41.6 | 86.4 | 208 | 184 | 152 | 79.2 | |

C = Control; N = Sample spiked with 1.0 mg/l $NO_3$ (N); F = Filtered sample, and P = Sample spiked with 0.2 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | $NO_3 + NO_2$ (N) Values mg/l | | | | Ortho $PO_4$ (P) Values mg/l | | | | $NH_3$ (N) Values mg/l | | | | Dissolved $SiO_2$ Values mg/l | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 hour | 48 hour | 60 hour | Initial | 24 hour | 48 hour | 60 hour | Initial | 24 hour | 48 hour | 60 hour | Initial | 24 hour | 48 hour | 60 hour | 72 hour |
| D2 C | 73/08/07 | 1440 | <0.02 | <0.02 | <0.02 | <0.01 | 0.11 | 0.06 | 0.03 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 3.8 | 1.6 | 0.6 | 0.4 | -- |
| | | | <0.02 | <0.02 | <0.02 | <0.01 | 0.12 | 0.06 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 3.8 | 1.6 | 0.6 | 0.4 | -- |
| D2 N | | | 0.94 | 0.54 | <0.02 | <0.01 | 0.12 | 0.04 | 0.03 | 0.01 | 0.02 | 0.01 | <0.01 | 0.02 | 3.8 | 0.8 | <0.2 | <0.2 | -- |
| | | | 0.96 | 0.56 | <0.02 | <0.01 | 0.13 | 0.04 | 0.03 | 0.01 | 0.02 | <0.01 | <0.01 | 0.01 | 3.8 | 1.0 | 0.2 | <0.2 | -- |
| D2 P | | | <0.02 | <0.02 | <0.02 | <0.01 | 0.31 | 0.23 | 0.20 | 0.17 | 0.02 | 0.02 | 0.01 | 0.02 | 3.8 | 1.6 | 0.6 | 0.4 | -- |
| | | | <0.02 | <0.02 | <0.02 | <0.01 | 0.31 | 0.24 | 0.20 | 0.17 | 0.02 | 0.02 | 0.01 | 0.02 | 3.8 | 1.6 | 0.6 | 0.4 | -- |
| D2 NP | | | 0.96 | 0.62 | <0.02 | <0.01 | 0.31 | 0.20 | 0.07 | 0.02 | 0.03 | 0.02 | <0.01 | 0.02 | 3.8 | 1.6 | 0.2 | <0.2 | -- |
| | | | 0.96 | 0.48 | <0.02 | <0.01 | 0.32 | 0.17 | 0.05 | 0.01 | 0.02 | 0.01 | <0.01 | 0.02 | 3.8 | 0.6 | <0.2 | <0.2 | -- |
| D2 F | | | 0.02 | 0.02 | <0.02 | <0.01 | 0.11 | 0.08 | 0.07 | 0.06 | 0.02 | 0.01 | 0.01 | 0.03 | 4.2 | 4.0 | 4.0 | 4.0 | -- |
| | | | 0.02 | 0.02 | <0.02 | <0.01 | 0.11 | 0.08 | 0.07 | 0.06 | 0.02 | 0.01 | <0.01 | 0.02 | 4.2 | 4.0 | 4.0 | 4.0 | -- |
| D2 FNP | | | 0.92 | 0.92 | 0.54 | <0.01 | 0.28 | 0.25 | 0.19 | 0.04 | 0.01 | 0.01 | <0.01 | <0.01 | 4.2 | 4.0 | 2.6 | <0.2 | -- |
| | | | 0.94 | 0.96 | 0.70 | <0.01 | 0.28 | 0.25 | 0.22 | 0.03 | 0.01 | 0.01 | 0.01 | <0.01 | 4.2 | 4.0 | 3.2 | <0.2 | -- |
| D6 C | 73/08/07 | 1410 | 0.14 | 0.02 | <0.02 | <0.01 | 0.11 | 0.07 | 0.03 | 0.02 | 0.04 | 0.02 | 0.03 | 0.02 | 4.2 | 2.4 | 0.8 | 0.4 | -- |
| | | | 0.16 | 0.02 | <0.02 | <0.01 | 0.11 | 0.07 | 0.03 | 0.02 | 0.04 | 0.01 | 0.02 | 0.02 | 4.2 | 2.4 | 0.8 | 0.4 | -- |
| D6 N | | | 1.10 | 0.86 | 0.02 | <0.01 | 0.11 | 0.06 | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 4.2 | 2.8 | 0.2 | <0.2 | -- |
| | | | 1.12 | 0.92 | 0.02 | <0.01 | 0.11 | 0.07 | 0.03 | 0.03 | 0.05 | 0.02 | 0.02 | 0.03 | 4.2 | 3.0 | 0.2 | <0.2 | -- |
| D6 P | | | 0.16 | <0.02 | <0.02 | <0.01 | 0.30 | 0.26 | 0.19 | 0.17 | 0.05 | 0.01 | 0.02 | 0.02 | 4.2 | 1.8 | 0.4 | 0.2 | -- |
| | | | 0.16 | <0.02 | <0.02 | <0.01 | 0.29 | 0.26 | 0.21 | 0.20 | 0.05 | 0.01 | 0.02 | 0.02 | 4.2 | 3.0 | 1.4 | 0.8 | -- |
| D6 NP | | | 1.10 | 0.76 | <0.02 | <0.01 | 0.29 | 0.22 | 0.05 | 0.05 | 0.05 | 0.02 | <0.01 | 0.01 | 4.2 | 1.4 | 0.2 | <0.2 | -- |
| | | | 1.12 | 0.84 | <0.02 | <0.01 | 0.29 | 0.23 | 0.05 | 0.07 | 0.05 | 0.02 | <0.01 | 0.01 | 4.2 | 1.6 | 0.2 | <0.2 | -- |
| D6 F | | | 0.16 | 0.18 | <0.02 | <0.01 | 0.10 | 0.10 | 0.06 | 0.01 | 0.05 | 0.02 | 0.01 | 0.02 | 4.4 | 4.6 | 2.4 | 1.4 | 2.0 |
| | | | 0.16 | 0.16 | <0.02 | <0.01 | 0.10 | 0.10 | 0.06 | 0.01 | 0.05 | 0.03 | 0.01 | 0.01 | 4.4 | 4.6 | 2.2 | 1.6 | 2.0 |
| D6 FNP | | | 1.06 | 1.08 | 0.70 | <0.01 | 0.28 | 0.28 | 0.23 | 0.04 | 0.06 | 0.03 | 0.01 | <0.01 | 4.4 | 4.6 | 2.8 | <0.2 | -- |
| | | | 1.08 | 1.10 | 0.52 | <0.01 | 0.30 | 0.28 | 0.19 | 0.04 | 0.07 | 0.04 | 0.01 | <0.01 | 4.4 | 4.6 | 1.8 | <0.2 | -- |
| D10 C | 73/08/07 | 1525 | 0.08 | <0.02 | <0.02 | <0.01 | 0.11 | 0.08 | 0.04 | 0.03 | 0.03 | 0.02 | 0.03 | 0.01 | 9.0 | 7.4 | 6.0 | 5.6 | 5.8 |
| | | | 0.08 | <0.02 | <0.02 | <0.01 | 0.10 | 0.08 | 0.04 | 0.03 | 0.03 | 0.02 | 0.03 | 0.01 | 9.0 | 7.4 | 6.0 | 5.6 | 5.8 |
| D10 N | | | 1.04 | 0.64 | <0.02 | <0.01 | 0.10 | 0.05 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 9.0 | 6.2 | 1.0 | <0.2 | -- |
| | | | 1.04 | 0.76 | <0.02 | <0.01 | 0.11 | 0.06 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.01 | 9.0 | 6.6 | 0.4 | <0.2 | -- |

C = Control; N = Sample spiked with 1.0 mg/l $NO_3$ (N); F = Filtered sample, and P = Sample spiked with 0.2 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | | Chlorophyll a ug/l | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | | Date | Time | Initial | 24 hour | 48 hour | 60 hour | 72 hour | 84 hour | 96 hour | 108 hour | 120 hour | Dominant Genera |
| D10 | P | | | 41.6 | 39.6 | 31.2 | -- | 23.2 | -- | -- | -- | -- | Skeletonema, Coscinodiscus |
| | | | | 41.6 | 40.8 | 33.6 | -- | 24 | -- | -- | -- | -- | |
| D10 | NP | | | 41.6 | 84.0 | 192 | 176 | 136 | 67.2 | -- | -- | -- | Skeletonema, Coscinodiscus |
| | | | | 41.6 | 97.2 | 200 | 168 | 136 | 69.6 | -- | -- | -- | |
| D10 | F | | | 0.37 | 4.06 | 12.4 | 10 | 8 | -- | -- | -- | -- | Skeletonema, Coscinodiscus |
| | | | | 0.37 | 3.08 | 12.4 | 9.6 | 8 | -- | -- | -- | -- | |
| D10 | FNP | | | 0.37 | 3.30 | 23.2 | 80.4 | 160 | 82.8 | 55.2 | -- | -- | Skeletonema, Coscinodiscus |
| | | | | 0.37 | 3.00 | 26.8 | 91.2 | 152 | 75.6 | 52.8 | -- | -- | |
| D24 | C | 73/08/08 | 1540 | 7.05 | 22.0 | 15.6 | -- | 10.8 | -- | -- | -- | -- | Melosira, Cyclotella, Mixed Pennate Diatoms |
| | | | | 7.05 | 18.0 | 14.8 | -- | 10.0 | -- | -- | -- | -- | |
| D24 | N | | | 7.05 | 23.2 | 92.4 | 119 | 98.4 | -- | 57.6 | -- | -- | Melosira, Cyclotella, Mixed Pennate Diatoms |
| | | | | 7.05 | 24.4 | 94.8 | 112 | 93.6 | -- | 56.4 | -- | -- | |
| D24 | P | | | 7.05 | 21.6 | 14.4 | -- | 10.8 | -- | -- | -- | -- | Melosira, Cyclotella, Mixed Pennate Diatoms |
| | | | | 7.05 | 21.2 | 14.0 | -- | 9.60 | -- | -- | -- | -- | |
| D24 | NP | | | 7.05 | 24.8 | 102 | 114 | 79.2 | 57.6 | 38.4 | -- | -- | Melosira, Cyclotella, Mixed Pennate Diatoms |
| | | | | 7.05 | 22.0 | 87.6 | 144 | 97.2 | 68.4 | 43.2 | -- | -- | |
| D24 | F | | | .32 | 1.25 | 3.36 | 8.40 | 16.0 | 11.6 | 8.4 | -- | -- | Melosira, Cyclotella, Mixed Pennate Diatoms |
| | | | | .32 | 1.20 | 3.78 | 9.20 | 17.2 | 12.4 | 8.8 | | | |
| D24 | FNP | | | .32 | 1.15 | 3.36 | 7.00 | 18.4 | 40.8 | 54.0 | 54.0 | 32.4 | Melosira, Cyclotella, Mixed Pennate Diatoms |
| | | | | .32 | 1.15 | 3.08 | 5.04 | 11.6 | 27.6 | 51.6 | 48.0 | 24.0 | |
| D41 | C | 73/08/07 | 1235 | 3.70 | 18.0 | 51.6 | 40.8 | 30.0 | -- | 18.8 | -- | -- | Skeletonema |
| | | | | 3.70 | 18.0 | 50.4 | 43.2 | 26.8 | -- | 17.6 | -- | -- | |
| D41 | N | | | 3.70 | 19.6 | 79.2 | 176 | 168 | 109 | 92.4 | -- | -- | Skeletonema |
| | | | | 3.70 | 19.2 | 70.8 | 152 | 152 | 97.2 | 84.0 | -- | -- | |
| D41 | P | | | 3.70 | 18.4 | 52.8 | -- | 27.6 | -- | 17.6 | -- | -- | Skeletonema |
| | | | | 3.70 | 19.6 | 49.2 | -- | 24.0 | -- | 16.0 | -- | -- | |
| D41 | NP | | | 3.70 | 17.2 | 64.8 | 152 | 184 | 99.6 | 78.0 | -- | -- | Skeletonema |
| | | | | 3.70 | 18.4 | 72.0 | 168 | 184 | 101 | 80.4 | -- | -- | |
| D41 | F | | | .28 | 4.76 | 43.2 | 36.0 | 24.0 | -- | 9.20 | -- | -- | Skeletonema |
| | | | | .28 | 5.32 | 50.4 | 40.8 | 23.6 | -- | 12.8 | -- | -- | |
| D41 | FNP | | | .28 | 4.62 | 50.4 | 90.0 | 110 | 74.4 | 57.6 | -- | -- | Skeletonema |
| | | | | .28 | 3.78 | 34.8 | 67.2 | 99.6 | 97.2 | 80.4 | -- | -- | |

C = Control; N = Sample spiked with 1.0 mg/l $NO_3$ (N); F = Filtered sample, and P = Sample spiked with 0.2 mg/l $PO_4$ (P).

# ALGAL GROWTH POTENTIAL

| COLLECTION DATA | | | $NO_3 + NO_2$ (N) VALUES mg/1 | | | | | | ORTHO $PO_4$ (P) VALUES mg/1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 Hour | 48 Hour | 60 Hour | 72 Hour | 84 Hour | Initial | 24 Hour | 48 Hour | 60 Hour |
| D10 P | | | 0.08 | < 0.02 | < 0.02 | < 0.01 | -- | -- | 0.29 | 0.25 | 0.20 | 0.17 |
| | | | 0.08 | < 0.02 | < 0.02 | < 0.01 | -- | -- | 0.29 | 0.26 | 0.20 | 0.17 |
| D10 NP | | | 1.04 | 0.74 | < 0.02 | < 0.01 | -- | -- | 0.29 | 0.23 | 0.06 | 0.02 |
| | | | 1.04 | 0.68 | < 0.02 | < 0.01 | -- | -- | 0.29 | 0.22 | 0.04 | 0.02 |
| D10 F | | | 0.10 | 0.10 | < 0.02 | < 0.01 | -- | -- | 0.09 | 0.07 | 0.06 | 0.04 |
| | | | 0.10 | 0.08 | < 0.02 | < 0.01 | -- | -- | 0.09 | 0.08 | 0.07 | 0.04 |
| D10 FNP | | | 1.00 | 1.00 | 0.84 | < 0.01 | -- | -- | 0.26 | 0.26 | 0.24 | 0.05 |
| | | | 1.02 | 1.04 | 0.84 | < 0.01 | -- | -- | 0.26 | 0.27 | 0.24 | 0.05 |
| D24 C | 73/08/08 | 1540 | 0.14 | 0.02 | < 0.02 | < 0.01 | -- | -- | 0.10 | 0.07 | 0.04 | 0.02 |
| | | | 0.14 | 0.04 | < 0.02 | < 0.01 | -- | -- | 0.10 | 0.08 | 0.05 | 0.03 |
| D24 N | | | 1.10 | 1.00 | 0.36 | < 0.01 | -- | -- | 0.10 | 0.07 | 0.05 | 0.03 |
| | | | 1.12 | 1.02 | 0.34 | < 0.01 | -- | -- | 0.10 | 0.07 | 0.05 | 0.03 |
| D24 P | | | 0.16 | 0.02 | < 0.02 | < 0.01 | -- | -- | 0.28 | 0.27 | 0.22 | 0.20 |
| | | | 0.16 | 0.02 | < 0.02 | < 0.01 | -- | -- | 0.28 | 0.27 | 0.23 | 0.20 |
| D24 NP | | | 1.10 | 0.98 | 0.20 | < 0.01 | -- | -- | 0.28 | 0.26 | 0.14 | 0.04 |
| | | | 1.10 | 1.02 | 0.40 | < 0.01 | -- | -- | 0.28 | 0.27 | 0.17 | 0.05 |
| D24 F | | | 0.16 | 0.18 | 0.12 | < 0.01 | -- | -- | 0.09 | 0.08 | 0.07 | 0.05 |
| | | | 0.16 | 0.14 | 0.12 | < 0.01 | -- | -- | 0.09 | 0.08 | 0.07 | 0.05 |
| D24 FNP | | | 1.08 | 1.10 | 1.02 | 0.96 | 0.41 | < 0.01 | 0.26 | 0.27 | 0.26 | 0.24 |
| | | | 1.10 | 1.12 | 1.04 | 1.04 | 0.56 | < 0.01 | 0.26 | 0.27 | 0.26 | 0.25 |
| D41 C | 73/08/07 | 1235 | 0.32 | 0.28 | < 0.02 | 0.01 | -- | -- | 0.14 | 0.13 | 0.06 | 0.02 |
| | | | 0.32 | 0.28 | < 0.02 | 0.01 | -- | -- | 0.14 | 0.13 | 0.06 | 0.02 |
| D41 N | | | 1.26 | 1.22 | 0.72 | 0.01 | -- | -- | 0.14 | 0.13 | 0.06 | 0.02 |
| | | | 1.28 | 1.28 | 0.76 | 0.10 | -- | -- | 0.14 | 0.13 | 0.05 | 0.02 |
| D41 P | | | 0.32 | 0.32 | < 0.02 | 0.01 | -- | -- | 0.32 | 0.32 | 0.24 | 0.20 |
| | | | 0.32 | 0.28 | < 0.02 | 0.01 | -- | -- | 0.32 | 0.32 | 0.24 | 0.20 |
| D41 NP | | | 1.26 | 1.24 | 0.78 | 0.01 | -- | -- | 0.32 | 0.32 | 0.24 | 0.04 |
| | | | 1.26 | 1.38 | 0.80 | 0.01 | -- | -- | 0.32 | 0.32 | 0.24 | 0.05 |
| D41 F | | | 0.26 | 0.30 | < 0.02 | 0.01 | -- | -- | 0.12 | 0.12 | 0.08 | 0.02 |
| | | | 0.26 | 0.26 | < 0.02 | 0.01 | -- | -- | 0.12 | 0.13 | 0.07 | 0.02 |
| D41 FNP | | | 1.16 | 1.22 | 0.80 | 0.01 | -- | -- | 0.30 | 0.30 | 0.24 | 0.07 |
| | | | 1.24 | 1.28 | 0.98 | 0.17 | 0.02 | -- | 0.31 | 0.32 | 0.28 | 0.10 |

C = Control, N = Sample spiked with 1.0 mg/1 $NO_3$ (N), F = Filtered sample, and P = Sample spiked with 0.2 mg/1 $PO_4$ (P).

# ALGAL GROWTH POTENTIAL

| Collection Data | | | | $NH_3$ (N) Values mg/l | | | | Dissolved $SiO_2$ Values mg/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | | Date | Time | Initial | 24 hour | 48 hour | 60 hour | Initial | 24 hour | 48 hour | 60 hour | 72 hour | 84 hour |
| D10 | P | | | 0.03 | 0.03 | 0.04 | 0.02 | 9.0 | 7.2 | 5.8 | 5.2 | 5.4 | -- |
| | | | | 0.03 | 0.03 | 0.04 | 0.02 | 9.0 | 7.2 | 5.6 | 5.0 | 5.0 | -- |
| D10 | NP | | | 0.03 | 0.03 | 0.01 | <0.01 | 9.0 | 6.8 | 2.2 | <0.2 | -- | -- |
| | | | | 0.03 | 0.03 | 0.01 | 0.02 | 9.0 | 6.6 | 0.4 | <0.2 | -- | -- |
| D10 | F | | | 0.02 | 0.03 | 0.02 | 0.02 | 9.0 | 9.4 | 8.8 | 8.6 | 8.8 | -- |
| | | | | 0.03 | 0.03 | 0.02 | 0.01 | 9.0 | 9.4 | 8.8 | 8.4 | 8.6 | -- |
| D10 | FNP | | | 0.03 | 0.03 | 0.03 | <0.01 | 9.0 | 9.2 | 8.6 | 3.8 | 2.6 | 3.4 |
| | | | | 0.03 | 0.03 | 0.03 | <0.01 | 9.0 | 9.2 | 8.6 | 3.2 | 3.0 | 3.8 |
| D24 | C | 73/08/08 | 1540 | 0.03 | <0.01 | <0.01 | <0.01 | 18.2 | 18.0 | 16.4 | 16.4 | -- | -- |
| | | | | 0.03 | <0.01 | <0.01 | <0.01 | 18.2 | 18.4 | 17.0 | 17.0 | -- | -- |
| D24 | N | | | 0.03 | <0.01 | 0.01 | <0.01 | 18.2 | 18.0 | 14.2 | 9.4 | 8.0 | 7.4 |
| | | | | 0.03 | <0.01 | 0.01 | <0.01 | 18.2 | 18.0 | 14.0 | 9.6 | 8.4 | 7.6 |
| D24 | P | | | 0.03 | <0.01 | <0.01 | <0.01 | 18.2 | 18.0 | 16.2 | 16.2 | -- | -- |
| | | | | 0.03 | <0.01 | <0.01 | <0.01 | 18.2 | 18.0 | 16.2 | 16.2 | -- | -- |
| D24 | NP | | | 0.03 | <0.01 | <0.01 | <0.01 | 18.2 | 18.0 | 14.0 | 8.4 | 7.6 | 6.6 |
| | | | | 0.03 | <0.01 | <0.01 | <0.01 | 18.2 | 18.0 | 14.6 | 9.4 | 8.0 | 7.2 |
| D24 | F | | | 0.03 | <0.01 | 0.01 | <0.01 | 18.2 | 18.6 | 18.2 | 18.0 | 18.0 | -- |
| | | | | 0.04 | <0.01 | 0.01 | <0.01 | 18.2 | 18.6 | 18.2 | 18.0 | 18.0 | -- |
| D24 | FNP | | | 0.04 | <0.01 | 0.01 | 0.01 | 18.2 | 18.4 | 18.2 | 18.0 | 17.0 | 14.6 |
| | | | | 0.03 | <0.01 | 0.01 | 0.01 | 18.2 | 18.4 | 18.2 | 18.2 | 17.6 | 15.8 |
| D41 | C | 73/08/07 | 1235 | 0.10 | 0.01 | 0.01 | 0.01 | 4.0 | 4.2 | 3.0 | 2.0 | 2.0 | -- |
| | | | | 0.11 | 0.01 | 0.01 | 0.01 | 4.0 | 4.4 | 2.8 | 2.0 | 2.0 | -- |
| D41 | N | | | 0.10 | 0.01 | 0.02 | 0.01 | 4.0 | 3.8 | 2.2 | <0.2 | 0.2 | -- |
| | | | | 0.10 | 0.01 | 0.02 | 0.01 | 4.0 | 3.8 | 2.4 | 0.4 | 0.2 | -- |
| D41 | P | | | 0.11 | 0.01 | <0.01 | <0.01 | 4.0 | 4.2 | 2.6 | 1.8 | 2.0 | -- |
| | | | | 0.10 | 0.01 | 0.01 | <0.01 | 4.0 | 3.8 | 2.2 | 1.4 | 1.6 | -- |
| D41 | NP | | | 0.10 | 0.02 | 0.02 | <0.01 | 4.0 | 4.2 | 3.2 | <0.2 | 0.2 | -- |
| | | | | 0.10 | 0.02 | 0.02 | <0.01 | 4.0 | 3.6 | 2.4 | <0.2 | <0.2 | -- |
| D41 | F | | | 0.10 | 0.03 | 0.01 | <0.01 | 4.6 | 5.0 | 3.6 | 1.4 | 1.6 | -- |
| | | | | 0.10 | 0.04 | <0.01 | <0.01 | 4.6 | -- | 2.8 | 1.0 | 1.6 | -- |
| D41 | FNP | | | 0.09 | 0.03 | 0.01 | <0.01 | 4.6 | -- | 3.4 | <0.2 | 0.2 | -- |
| | | | | 0.10 | 0.04 | 0.01 | 0.01 | 4.4 | 4.6 | 4.0 | 1.0 | 0.2 | -- |

C = Control, N = Sample spiked with 1.0 mg/l $NO_3$ (N), F = Filtered sample, and P = Sample spiked with 0.2 mg/l $PO_4$ (P).

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a ug/l | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 12 hour | 24 hour | 36 hour | 48 hour | 60 hour | 72 hour | 84 hour | 96 hour | 120 hour | Dominant Genera |
| D2 | 73/09/05 | 1330 | 0.33 | 1.10 | 2.05 | 7.00 | 26.0 | 74.0 | 132 | 100 | 76.0 | -- | Skeletonema, Coscinodiscus |
| | | | 0.33 | 1.05 | 2.00 | 6.30 | 21.0 | 65.0 | 144 | 102 | 90.0 | -- | |
| | | | 0.33 | 1.10 | 1.95 | 5.70 | 16.0 | 54.0 | 156 | 144 | 115 | -- | |
| D4 | 73/09/06 | 1335 | 0.27 | 0.80 | 1.30 | 2.85 | 9.10 | 26.0 | 74.0 | 135 | 171 | 29.0 | Melosira, Cyclotella |
| | | | 0.27 | 0.85 | 1.10 | 2.65 | 7.70 | 21.0 | 61.0 | 132 | 129 | -- | |
| | | | 0.27 | 0.80 | 1.20 | 2.55 | 7.70 | 24.0 | 62.0 | 105 | 102 | -- | |
| D6 | 73/09/05 | 1305 | 0.21 | 1.60 | 4.20 | 28.4 | 65.0 | 89.0 | 90.0 | 64.0 | 54.0 | -- | Skeletonema |
| | | | 0.21 | 1.40 | 3.85 | 24.8 | 58.0 | 79.0 | 108 | 71.0 | 62.0 | -- | |
| | | | 0.21 | 1.45 | 3.80 | 26.4 | 59.0 | 92.0 | 105 | 73.0 | 58.0 | -- | |
| D7 | 73/09/06 | 1050 | 0.30 | 0.95 | 1.70 | 4.80 | 16.0 | 50.0 | 135 | 132 | 101 | -- | Skeletonema |
| | | | 0.30 | 0.10 | 2.20 | 7.40 | 28.0 | 73.0 | 135 | 117 | 82.0 | -- | |
| | | | 0.30 | 0.95 | 1.90 | 6.00 | 21.0 | 59.0 | 144 | 129 | 95.0 | -- | |
| D9 | 73/09/06 | 1305 | 0.32 | 0.10 | 1.95 | 7.80 | 40.0 | 85.0 | 144 | 120 | 79.0 | -- | Skeletonema |
| | | | 0.32 | 0.90 | 1.80 | 9.50 | 48.0 | 114 | 147 | 120 | 83.0 | -- | |
| | | | 0.32 | 0.95 | 2.00 | 8.50 | 42.0 | 90.0 | 138 | 111 | 67.0 | -- | |
| D10 | 73/09/05 | 1425 | 0.33 | 0.85 | 1.35 | 2.65 | 6.02 | 16.0 | 52.0 | 92.0 | 80.0 | -- | Skeletonema |
| | | | 0.33 | 0.80 | 1.40 | 3.15 | 9.10 | 26.0 | 99.0 | 150 | 104 | -- | |
| | | | 0.33 | 0.85 | 1.50 | 3.50 | 9.10 | 30.0 | 96.0 | 114 | 95.0 | -- | |
| D11 | 73/09/06 | 1350 | 0.24 | 0.80 | 1.00 | 2.00 | 6.00 | 20.0 | 59.0 | 88.0 | 56.0 | -- | Melosira |
| | | | 0.24 | 0.80 | 1.00 | 2.10 | 5.90 | 19.0 | 57.0 | 97.0 | 78.0 | -- | |
| | | | 0.24 | 0.75 | 1.10 | 2.10 | 6.00 | 19.0 | 58.0 | 97.0 | 72.0 | -- | |
| D12 | 73/09/04 | 1140 | 0.25 | 0.70 | 1.00 | 1.85 | 4.30 | 12.0 | 33.0 | 78.0 | 90.0 | -- | Melosira |
| | | | 0.25 | 0.70 | 0.95 | 1.85 | 4.60 | 13.0 | 37.0 | 76.0 | 79.0 | -- | |
| | | | 0.25 | 0.80 | 1.00 | 1.70 | 3.80 | 9.60 | 27.0 | 68.0 | 104 | 19.0 | |
| D13 | 73/09/04 | 1205 | 0.22 | 0.75 | 1.00 | 1.75 | 4.30 | 13.0 | 41.0 | 83.0 | 70.0 | -- | Melosira |
| | | | 0.22 | 0.70 | 1.00 | 1.80 | 4.30 | 13.0 | 43.0 | 77.0 | 83.0 | 25.0 | |
| | | | 0.22 | 0.70 | 0.90 | 1.80 | 4.30 | 12.0 | 42.0 | 79.0 | 73.0 | -- | |
| D14A | 73/09/04 | 1235 | 0.22 | 0.80 | 1.20 | 2.00 | 5.00 | 14.0 | 52.0 | 80.0 | 55.0 | -- | Melosira |
| | | | 0.22 | 0.85 | 1.10 | 2.10 | 5.20 | 16.0 | 51.0 | 76.0 | 58.0 | -- | |
| | | | 0.22 | 0.85 | 1.10 | 2.00 | 5.20 | 16.0 | 54.0 | 73.0 | 48.0 | -- | |
| D15 | 73/09/04 | 1305 | 0.20 | 0.65 | 0.90 | 1.40 | 4.10 | 13.0 | 45.0 | 74.0 | 58.0 | -- | Melosira |
| | | | 0.20 | 0.65 | 0.95 | 1.65 | 4.50 | 14.0 | 48.0 | 64.0 | 53.0 | -- | |
| | | | 0.20 | 0.80 | 0.95 | 1.70 | 4.20 | 13.0 | 46.0 | 73.0 | 56.0 | -- | |

# ALGAL GROWTH POTENTIAL

| COLLECTION DATA | | | $NO_3 + NO_2$ (N) VALUES mg/l | | | | | | ORTHO $PO_4$ (P) VALUES mg/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 Hour | 48 Hour | 72 Hour | 96 Hour | 120 Hour | Initial | 24 Hour | 48 Hour | 72 Hour | 96 Hour | 120 Hour |
| D2 | 73/09/05 | 1330 | 1.06 | 1.10 | 0.90 | <0.02 | <0.01 | <0.01 | 0.26 | 0.26 | 0.23 | 0.06 | 0.03 | 0.02 |
| | | | 1.10 | 1.10 | 0.94 | <0.02 | <0.01 | <0.01 | 0.26 | 0.27 | 0.23 | 0.06 | 0.04 | 0.01 |
| | | | 1.10 | 1.12 | 0.98 | 0.06 | <0.01 | <0.01 | 0.26 | 0.27 | 0.24 | 0.11 | 0.03 | 0.01 |
| D4 | 73/09/06 | 1335 | 1.18 | 1.18 | 1.06 | 0.46 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.16 | 0.03 | 0.03 |
| | | | 1.18 | 1.18 | 1.10 | 0.68 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.20 | 0.04 | 0.11 |
| | | | 1.18 | 1.18 | 1.08 | 0.50 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.15 | 0.03 | 0.02 |
| D6 | 73/09/05 | 1305 | 1.14 | 1.18 | 0.64 | <0.02 | <0.01 | <0.01 | 0.29 | 0.29 | 0.19 | 0.05 | 0.04 | 0.03 |
| | | | 1.14 | 1.18 | 0.72 | <0.02 | <0.01 | <0.01 | 0.29 | 0.28 | 0.20 | 0.05 | 0.04 | 0.03 |
| | | | 1.14 | 1.18 | 0.72 | <0.02 | <0.01 | <0.01 | 0.29 | 0.29 | 0.20 | 0.03 | 0.03 | 0.02 |
| D7 | 73/09/06 | 1050 | 1.12 | 1.14 | 1.00 | 0.12 | <0.01 | <0.01 | 0.27 | 0.27 | 0.25 | 0.08 | 0.04 | 0.02 |
| | | | 1.12 | 1.14 | 0.92 | <0.02 | <0.01 | <0.01 | 0.27 | 0.27 | 0.24 | 0.04 | 0.02 | 0.01 |
| | | | 1.12 | 1.16 | 0.96 | <0.02 | <0.01 | <0.01 | 0.27 | 0.27 | 0.25 | 0.06 | 0.05 | 0.02 |
| D9 | 73/09/06 | 1305 | 1.12 | 1.20 | 0.88 | <0.02 | <0.01 | <0.01 | 0.27 | 0.27 | 0.22 | 0.04 | 0.02 | 0.02 |
| | | | 1.16 | 1.20 | 0.88 | <0.02 | <0.01 | <0.01 | 0.28 | 0.28 | 0.22 | 0.03 | 0.02 | 0.01 |
| | | | 1.18 | 1.20 | 0.88 | <0.02 | <0.01 | <0.01 | 0.27 | 0.28 | 0.22 | 0.04 | 0.02 | 0.04 |
| D10 | 73/09/05 | 1425 | 1.16 | 1.20 | 1.08 | 0.66 | <0.01 | <0.01 | 0.28 | 0.28 | 0.25 | 0.19 | 0.02 | 0.01 |
| | | | 1.16 | 1.20 | 1.06 | 0.48 | <0.01 | <0.01 | 0.28 | 0.28 | 0.25 | 0.16 | 0.02 | 0.01 |
| | | | 1.14 | 1.20 | 1.06 | 0.36 | <0.01 | <0.01 | 0.28 | 0.28 | 0.25 | 0.14 | 0.02 | 0.01 |
| D11 | 73/09/06 | 1350 | 1.14 | 1.18 | 1.06 | 0.56 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.19 | 0.04 | 0.03 |
| | | | 1.14 | 1.18 | 1.06 | 0.70 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.21 | 0.04 | 0.03 |
| | | | 1.12 | 1.14 | 1.04 | 0.60 | <0.01 | <0.01 | 0.28 | 0.28 | 0.25 | 0.19 | 0.04 | 0.03 |
| D12 | 73/09/04 | 1140 | 1.14 | 1.18 | 1.08 | 0.78 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.22 | 0.05 | 0.05 |
| | | | 1.12 | 1.18 | 1.06 | 0.78 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.23 | 0.07 | 0.09 |
| | | | 1.12 | 1.18 | 1.08 | 0.84 | 0.09 | <0.01 | 0.29 | 0.29 | 0.26 | 0.24 | 0.09 | 0.07 |
| D13 | 73/09/04 | 1205 | 1.10 | 1.16 | 1.04 | 0.72 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.21 | 0.07 | 0.04 |
| | | | 1.12 | 1.16 | 1.06 | 0.76 | 0.04 | <0.01 | 0.28 | 0.27 | 0.26 | 0.21 | 0.08 | 0.05 |
| | | | 1.12 | 1.16 | 1.04 | 0.76 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.22 | 0.06 | 0.04 |
| D14A | 73/09/04 | 1235 | 1.10 | 1.14 | 1.04 | 0.68 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.20 | 0.05 | 0.05 |
| | | | 1.10 | 1.14 | 1.02 | 0.64 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.20 | 0.07 | 0.07 |
| | | | 1.10 | 1.14 | 1.02 | 0.50 | <0.01 | <0.01 | 0.28 | 0.28 | 0.26 | 0.17 | 0.08 | 0.06 |
| D15 | 73/09/04 | 1305 | 1.22 | 1.16 | 1.04 | 0.70 | <0.01 | <0.01 | 0.27 | 0.28 | 0.25 | 0.20 | 0.07 | 0.08 |
| | | | 1.12 | 1.16 | 1.02 | 0.64 | 0.01 | <0.01 | 0.27 | 0.28 | 0.25 | 0.19 | 0.06 | 0.04 |
| | | | 1.12 | 1.16 | 1.04 | 0.74 | <0.01 | <0.01 | 0.27 | 0.28 | 0.26 | 0.21 | 0.06 | 0.05 |

# ALGAL GROWTH POTENTIAL

| COLLECTION DATA | | | $NH_3$ (N) VALUES mg/l | | | | | | DISSOLVED $SiO_2$ VALUES mg/l | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 Hour | 48 Hour | 72 Hour | 96 Hour | 120 Hour | Initial | 24 Hour | 48 Hour | 72 Hour | 96 Hour | 120 Hour | 144 Hour |
| D2 | 73/09/05 | 1330 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 7.2 | 7.0 | 6.4 | 0.4 | 0.4 | 1.2 | 2.2 |
| | | | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 7.2 | 7.2 | 6.6 | 1.4 | 0.4 | 0.6 | 1.4 |
| | | | <0.01 | 0.01 | 0.02 | 0.01 | <0.01 | <0.01 | 7.2 | 7.2 | 6.8 | 2.8 | 0.2 | 0.6 | 1.4 |
| D4 | 73/09/06 | 1335 | 0.01 | 0.02 | 0.02 | 0.01 | <0.01 | <0.01 | 16.2 | 16.2 | 16.2 | 14.8 | 12.6 | 13.0 | 13.8 |
| | | | 0.01 | 0.02 | 0.02 | 0.01 | <0.01 | <0.01 | 16.2 | 16.2 | 16.2 | 15.2 | 13.2 | 13.6 | 14.4 |
| | | | 0.01 | 0.02 | 0.02 | 0.01 | <0.01 | <0.01 | 16.2 | 16.2 | 16.2 | 15.0 | 13.6 | 14.0 | 14.4 |
| D6 | 73/09/05 | 1305 | 0.06 | 0.04 | 0.02 | 0.01 | 0.01 | <0.01 | 5.2 | 5.4 | 3.0 | <0.2 | 0.2 | 0.4 | 0.8 |
| | | | 0.06 | 0.04 | 0.02 | 0.01 | 0.01 | <0.01 | 5.2 | 5.2 | 3.4 | <0.2 | <0.2 | 0.2 | 0.8 |
| | | | 0.06 | 0.04 | 0.02 | <0.01 | 0.01 | <0.01 | 5.2 | 5.2 | 3.6 | <0.2 | <0.2 | 0.2 | 0.6 |
| D7 | 73/09/06 | 1050 | <0.01 | 0.01 | 0.02 | <0.01 | <0.01 | <0.01 | 9.4 | 9.4 | 9.0 | 5.6 | 2.8 | 3.0 | 4.2 |
| | | | <0.01 | 0.01 | 0.02 | <0.01 | 0.01 | <0.01 | 9.4 | 9.4 | 8.8 | 4.2 | 3.0 | 4.4 | 5.4 |
| | | | <0.01 | 0.01 | 0.02 | <0.01 | <0.01 | <0.01 | 9.4 | 9.4 | 8.8 | 5.4 | 3.4 | 4.0 | 5.4 |
| D9 | 73/09/06 | 1305 | 0.04 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | 12.6 | 12.4 | 12.0 | 7.8 | 7.6 | 8.4 | 9.8 |
| | | | 0.04 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | 12.6 | 12.4 | 11.8 | 7.6 | 7.4 | 8.2 | 9.6 |
| | | | 0.04 | 0.02 | 0.02 | <0.01 | <0.01 | <0.01 | 12.6 | 12.6 | 11.8 | 7.8 | 7.8 | 8.6 | 10.0 |
| D10 | 73/09/05 | 1425 | 0.02 | 0.02 | 0.02 | <0.01 | <0.01 | 0.01 | 12.4 | 12.2 | 12.2 | 11.4 | 8.2 | 8.8 | 9.6 |
| | | | 0.03 | 0.01 | 0.02 | 0.01 | <0.01 | 0.02 | 12.4 | 12.4 | 12.2 | 10.2 | 6.8 | 7.4 | 9.0 |
| | | | 0.03 | 0.02 | 0.02 | <0.01 | 0.01 | <0.01 | 12.4 | 12.4 | 12.2 | 10.2 | 7.8 | 8.4 | 9.4 |
| D11 | 73/09/06 | 1350 | 0.03 | 0.02 | <0.02 | <0.01 | 0.01 | 0.02 | 17.4 | 17.2 | 17.4 | 16.4 | 14.8 | 15.0 | 15.2 |
| | | | 0.03 | 0.02 | 0.03 | <0.01 | 0.01 | 0.03 | 17.4 | 17.4 | 17.4 | 16.2 | 14.4 | 14.8 | 15.0 |
| | | | 0.02 | 0.02 | 0.02 | <0.01 | 0.01 | 0.03 | 17.4 | 17.2 | 17.4 | 16.2 | 14.6 | 14.8 | 15.0 |
| D12 | 73/09/04 | 1140 | 0.04 | 0.03 | 0.03 | <0.01 | 0.02 | 0.03 | 16.0 | 16.0 | 16.2 | 15.4 | 13.8 | 14.0 | 14.6 |
| | | | 0.04 | 0.03 | 0.03 | 0.01 | 0.01 | 0.03 | 16.0 | 16.0 | 16.0 | 15.4 | 13.8 | 14.2 | 15.0 |
| | | | 0.04 | 0.04 | 0.03 | 0.01 | 0.01 | 0.02 | 16.0 | 16.0 | 16.2 | 15.6 | 14.0 | 14.2 | 15.0 |
| D13 | 73/09/04 | 1205 | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 16.6 | 16.4 | 16.4 | 15.8 | 14.2 | 14.2 | 14.8 |
| | | | 0.04 | 0.02 | 0.02 | 0.01 | 0.03 | 0.02 | 16.6 | 16.4 | 16.4 | 15.8 | 14.6 | 14.4 | 14.8 |
| | | | 0.03 | 0.03 | 0.02 | 0.01 | 0.02 | 0.03 | 16.6 | 16.4 | 16.4 | 15.8 | 14.4 | 14.4 | 14.8 |
| D14A | 73/09/04 | 1235 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.04 | 17.2 | 17.2 | 17.2 | 16.4 | 15.0 | 14.8 | 14.6 |
| | | | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 | 0.04 | 17.2 | 17.2 | 17.2 | 16.4 | 15.0 | 15.2 | 15.4 |
| | | | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 17.2 | 17.2 | 17.4 | 16.4 | 15.2 | 15.2 | 15.4 |
| D15 | 73/09/04 | 1305 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 17.4 | 17.4 | 17.4 | 16.8 | 15.6 | 16.0 | 16.8 |
| | | | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 17.4 | 17.4 | 17.4 | 16.6 | 15.6 | 14.6 | 14.6 |
| | | | 0.02 | 0.02 | 0.02 | 0.03 | <0.01 | 0.02 | 17.4 | 17.4 | 17.4 | 16.8 | 15.4 | 15.4 | 16.0 |

ALGAL GROWTH POTENTIAL

| Collection Data | | | Chlorophyll a ug/l | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 12 hour | 24 hour | 36 hour | 48 hour | 60 hour | 72 hour | 84 hour | 96 hour | 120 hour | Dominant General |
| D19 | 73/09/04 | 1445 | 0.24 | 0.75 | 1.25 | 2.05 | 5.30 | 16.0 | 51.0 | 72.0 | 52.0 | -- | Melosira |
| | | | 0.24 | 0.75 | 1.25 | 2.30 | 6.20 | 18.0 | 55.0 | 65.0 | 46.0 | -- | |
| | | | 0.24 | 0.80 | 1.30 | 2.20 | 5.30 | 15.0 | 49.0 | 77.0 | 56.0 | -- | |
| D24 | 73/09/06 | 1500 | 0.25 | 0.65 | 1.00 | 2.20 | 5.50 | 13.0 | 32.0 | 60.0 | 58.0 | -- | Skeletonema |
| | | | 0.25 | 0.60 | 1.00 | 2.25 | 5.60 | 14.0 | 34.0 | 60.0 | 59.0 | -- | |
| | | | 0.25 | 0.60 | 0.95 | 2.10 | 5.30 | 13.0 | 33.0 | 37.0 | 28.0 | -- | |
| D26 | 73/09/04 | 1415 | 0.20 | 0.55 | 0.70 | 1.30 | 2.75 | 6.30 | 20.0 | 49.0 | 55.0 | 26.0 | Melosira |
| | | | 0.20 | 0.55 | 0.75 | 1.45 | 3.00 | 7.00 | 24.0 | 52.0 | 52.0 | 31.0 | |
| | | | 0.20 | 0.55 | 0.80 | 1.30 | 2.75 | 6.40 | 20.0 | 50.0 | 59.0 | 31.0 | |
| D40 | 73/09/05 | 1050 | 0.20 | 0.55 | 1.00 | 1.90 | 5.20 | 15.0 | 56.0 | 141 | 150 | 64.0 | Skeletonema |
| | | | 0.20 | 0.75 | 1.40 | 2.65 | 6.30 | 16.0 | 56.0 | 165 | 186 | 58.0 | |
| | | | 0.20 | 0.70 | 1.45 | 2.90 | 6.90 | 18.0 | 52.0 | 168 | 207 | 94.0 | |
| D41 | 73/09/05 | 1135 | 0.16 | 4.15 | 7.70 | 14.8 | 22.0 | 21.0 | 37.0 | 62.0 | 78.0 | 60.0 | Chaetoceros, Skeletonema |
| | | | 0.16 | 4.35 | 8.70 | 18.0 | 18.0 | 17.0 | 35.0 | 53.0 | 60.0 | 49.0 | |
| | | | 0.16 | 4.40 | 8.30 | 18.0 | 17.0 | 18.0 | 40.0 | 62.0 | 73.0 | 30.0 | |
| D42 | 73/09/05 | 1210 | 0.19 | 1.60 | 3.80 | 11.2 | 27.0 | 60.0 | 109 | 119 | 91.0 | -- | Skeletonema |
| * | | | 0.19 | 2.05 | 4.10 | 13.6 | 28.0 | 38.0 | 24.0 | 18.0 | 28.0 | -- | |
| | | | 0.19 | 1.80 | 4.50 | 13.2 | 32.0 | 80.0 | 150 | 114 | 88.0 | -- | |
| S42 | 73/09/06 | 1140 | 0.28 | 1.15 | 3.20 | 13.2 | 58.0 | 159 | 120 | 73.0 | 56.0 | -- | Skeletonema |
| | | | 0.28 | 1.20 | 3.15 | 13.2 | 59.0 | 156 | 120 | 67.0 | 50.0 | -- | |
| | | | 0.28 | 1.20 | 3.00 | 11.2 | 42.0 | 162 | 138 | 90.0 | 72.0 | -- | |

* This test culture developed a parasitic fungus growth after 48 hours of incubation. Many other test cultures developed similar parasitic growths after reaching maximum standing crop.

# ALGAL GROWTH POTENTIAL

| COLLECTION DATA | | | $NH_3$ (N) VALUES mg/l | | | | | | DISSOLVED $SiO_2$ VALUES mg/l | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 Hour | 48 Hour | 72 Hour | 96 Hour | 120 Hour | Initial | 24 Hour | 48 Hour | 72 Hour | 96 Hour | 120 Hour | 144 Hour |
| D19 | 73/09/04 | 1445 | 0.02 | 0.02 | 0.02 | 0.03 | <0.01 | 0.04 | 17.6 | 17.6 | 17.6 | 16.8 | 15.4 | 16.0 | 16.4 |
| | | | 0.02 | 0.02 | 0.02 | 0.03 | <0.01 | 0.04 | 18.2 | 17.4 | 17.6 | 16.6 | 15.4 | 15.0 | 15.0 |
| | | | 0.02 | 0.03 | 0.02 | 0.03 | <0.01 | 0.04 | 17.4 | 17.6 | 17.6 | 16.8 | 15.4 | 15.8 | 15.8 |
| D24 | 73/09/06 | 1500 | 0.05 | 0.05 | 0.02 | 0.01 | <0.01 | <0.01 | 19.0 | 19.0 | 19.2 | 18.4 | 16.6 | 15.0 | 14.6 |
| | | | 0.05 | 0.05 | 0.02 | 0.01 | 0.01 | <0.01 | 19.0 | 19.0 | 19.2 | 18.4 | 16.4 | 13.8 | 13.2 |
| | | | 0.05 | 0.05 | 0.02 | 0.01 | 0.02 | <0.01 | 19.0 | 19.0 | 19.2 | 18.4 | 17.4 | 17.2 | 17.4 |
| D26 | 73/09/04 | 1415 | 0.03 | 0.02 | 0.02 | 0.02 | <0.01 | 0.01 | 18.4 | 18.4 | 18.6 | 18.2 | 16.8 | 15.2 | 15.0 |
| | | | 0.03 | 0.02 | 0.02 | 0.02 | <0.01 | 0.02 | 18.4 | 18.4 | 18.6 | 18.0 | 16.6 | 14.8 | 14.6 |
| | | | 0.03 | 0.03 | 0.01 | 0.02 | <0.01 | <0.01 | 18.4 | 18.4 | 18.6 | 18.0 | 16.8 | 15.2 | 14.6 |
| D40 | 73/09/05 | 1050 | 0.01 | 0.03 | 0.03 | 0.02 | <0.01 | 0.02 | 4.6 | 4.8 | 4.8 | 3.4 | <0.2 | 0.2 | 0.4 |
| | | | 0.01 | 0.03 | 0.02 | 0.03 | <0.01 | 0.02 | 4.6 | 4.8 | 4.8 | 3.6 | <0.2 | 0.2 | 0.6 |
| | | | 0.01 | 0.02 | 0.02 | 0.03 | <0.01 | 0.02 | 4.6 | 4.8 | 4.8 | 3.6 | <0.2 | <0.2 | 0.2 |
| D41 | 73/09/05 | 1135 | 0.08 | 0.03 | 0.01 | 0.03 | 0.02 | 0.02 | 3.6 | 3.8 | 3.8 | 2.6 | 1.0 | 0.4 | 0.8 |
| | | | 0.08 | 0.02 | 0.02 | 0.03 | 0.02 | <0.01 | 3.6 | 3.8 | 3.8 | 3.0 | 1.4 | 0.4 | 0.6 |
| | | | 0.07 | 0.03 | 0.02 | 0.03 | 0.02 | 0.03 | 3.6 | 3.8 | 3.8 | 2.8 | 0.8 | 0.6 | 0.8 |
| D42 | 73/09/05 | 1210 | 0.07 | 0.04 | 0.01 | 0.02 | <0.01 | 0.02 | 4.4 | 4.4 | 4.4 | 1.2 | 0.2 | 0.2 | 0.4 |
| | | | 0.07 | 0.03 | 0.01 | 0.04 | 0.01 | <0.01 | 4.4 | 4.4 | 4.4 | 3.6 | 3.4 | 1.6 | 1.2 |
| | | | 0.07 | 0.04 | 0.01 | <0.01 | <0.01 | 0.01 | 4.4 | 4.6 | 4.2 | 0.4 | 0.2 | 1.0 | 1.8 |
| S42 | 73/09/06 | 1140 | 0.01 | 0.02 | 0.01 | <0.01 | <0.01 | 0.03 | 1.6 | 1.8 | 1.0 | <0.2 | <0.2 | <0.2 | 0.4 |
| | | | 0.01 | 0.03 | 0.02 | 0.01 | <0.01 | 0.01 | 1.6 | 1.8 | 1.0 | <0.2 | <0.2 | <0.2 | 0.4 |
| | | | 0.01 | 0.03 | 0.02 | <0.01 | <0.01 | 0.05 | 1.6 | 1.8 | 1.2 | <0.2 | <0.2 | <0.2 | <0.2 |

# ALGAL GROWTH POTENTIAL

| COLLECTION DATA | | | $NO_3 + NO_2$ (N) VALUES mg/l | | | | | | ORTHO $PO_4$ (P) VALUES mg/l | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | Date | Time | Initial | 24 Hour | 48 Hour | 72 Hour | 96 Hour | 120 Hour | Initial | 24 Hour | 48 Hour | 72 Hour | 96 Hour | 120 Hour |
| D19 | 73/09/04 | 1445 | 1.08 | 1.10 | 0.98 | 0.66 | <0.01 | <0.01 | 0.27 | 0.27 | 0.25 | 0.19 | 0.07 | 0.08 |
| | | | 1.12 | 1.12 | 1.00 | 0.66 | <0.01 | <0.01 | 0.28 | 0.27 | 0.25 | 0.19 | 0.08 | 0.08 |
| | | | 1.10 | 1.14 | 1.00 | 0.72 | <0.01 | <0.01 | 0.27 | 0.27 | 0.25 | 0.20 | 0.07 | 0.07 |
| D24 | 73/09/06 | 1500 | 1.14 | 1.14 | 1.02 | 0.74 | 0.01 | <0.01 | 0.26 | 0.26 | 0.24 | 0.19 | 0.05 | 0.03 |
| | | | 1.16 | 1.14 | 1.02 | 0.76 | 0.06 | <0.01 | 0.26 | 0.26 | 0.24 | 0.19 | 0.05 | 0.02 |
| | | | 1.16 | 1.14 | 1.02 | 0.76 | 0.31 | <0.01 | 0.25 | 0.27 | 0.24 | 0.19 | 0.12 | 0.07 |
| D26 | 73/09/04 | 1415 | 1.16 | 1.14 | 1.02 | 0.82 | 0.18 | <0.01 | 0.25 | 0.25 | 0.24 | 0.21 | 0.08 | 0.04 |
| | | | 1.16 | 1.14 | 1.00 | 0.80 | 0.08 | <0.01 | 0.25 | 0.26 | 0.24 | 0.20 | 0.06 | 0.02 |
| | | | 1.16 | 1.14 | 1.00 | 0.82 | 0.31 | <0.01 | 0.25 | 0.25 | 0.23 | 0.20 | 0.10 | 0.03 |
| D40 | 73/09/05 | 1050 | 1.18 | 1.36 | 1.18 | 0.76 | <0.01 | <0.01 | 0.34 | 0.35 | 0.32 | 0.26 | 0.03 | 0.02 |
| | | | 1.18 | 1.36 | 1.18 | 0.80 | <0.01 | <0.01 | 0.34 | 0.34 | 0.32 | 0.26 | 0.04 | 0.03 |
| | | | 1.20 | 1.36 | 1.18 | 0.82 | <0.01 | <0.01 | 0.34 | 0.34 | 0.32 | 0.27 | 0.05 | 0.03 |
| D41 | 73/09/05 | 1135 | 1.12 | 1.28 | 0.90 | 0.58 | 0.02 | 0.01 | 0.30 | 0.30 | 0.25 | 0.20 | 0.07 | 0.06 |
| | | | 1.12 | 1.28 | 0.94 | 0.68 | 0.16 | <0.01 | 0.30 | 0.30 | 0.26 | 0.23 | 0.08 | 0.08 |
| | | | 1.12 | 1.28 | 0.94 | 0.64 | 0.03 | <0.01 | 0.30 | 0.30 | 0.26 | 0.21 | 0.07 | 0.12 |
| D42 | 73/09/05 | 1210 | 1.12 | 1.28 | 0.98 | 0.16 | <0.01 | <0.01 | 0.31 | 0.30 | 0.27 | 0.11 | 0.05 | 0.04 |
| | | | 1.14 | 1.28 | 0.96 | 0.62 | 0.56 | <0.01 | 0.31 | 0.30 | 0.27 | 0.24 | 0.23 | 0.11 |
| | | | 1.14 | 1.30 | 0.94 | <0.02 | 0.01 | <0.01 | 0.31 | 0.31 | 0.27 | 0.07 | 0.04 | 0.04 |
| S42 | 73/09/06 | 1140 | 0.96 | 1.02 | 0.60 | <0.02 | <0.01 | <0.01 | 0.21 | 0.21 | 0.15 | 0.03 | 0.03 | 0.02 |
| | | | 0.96 | 1.02 | 0.58 | <0.02 | <0.01 | <0.01 | 0.21 | 0.21 | 0.15 | 0.03 | 0.02 | 0.02 |
| | | | 0.96 | 1.04 | 0.70 | <0.02 | <0.01 | <0.01 | 0.21 | 0.21 | 0.17 | 0.04 | 0.02 | 0.01 |